



March 8, 2019

Wisconsin Department of Natural Resources
Attn: Ms. Carrie Stoltz
107 Sutliff Avenue
Rhineland, WI 54501



Subject:

Update Report
Former Kelly's Grand View ICO
Hwy 63 & Raymond Avenue
Grand View, Wisconsin
WDNR BRRTS #03-04-000967
PECFA #54839-9999-67

Dear Ms. Stoltz:

This letter report documents the completion of the final two (2) rounds of approved groundwater sampling from select wells of the Former Kelly's Grand View ICO groundwater monitoring well network.

If you have questions or concerns regarding this report, please contact REI at your convenience at 715-675-9784.

Sincerely,
REI Engineering, Inc.

David Larsen P.G.
Senior Hydrogeologist / Project Manager

Attachments

cc: Mr. Harley Karow, 53270 Cty Hwy D, Grand View, WI 54839



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4080 N. 20th Avenue Wausau, WI 54401
715-675-9784 REIengineering.com



REI

**CIVIL & ENVIRONMENTAL
ENGINEERING, SURVEYING**

**UPDATE REPORT
FORMER KELLY'S GRAND VIEW ICO
INTERSECTION OF STATE HIGHWAY 63
& RAYMOND AVENUE
GRAND VIEW, WISCONSIN**

**WDNR BRRTS #03-04-000967
PECFA #54839-9999-67
REI PROJECT #3783**



**COMPREHENSIVE
SERVICES WITH
PRACTICAL
SOLUTIONS**



UPDATE REPORT

**FORMER KELLY'S GRAND VIEW ICO
INTERSECTION OF STATE HWY. 63 & RAYMOND AVENUE
GRAND VIEW, WISCONSIN**

**WDNR BRRTS #03-04-000967
PECFA #54839-9999-67**

REI PROJECT #3783



PREPARED FOR:

**Mr. Harley Karow
53270 County Highway D
Grand View, WI 54839**

MARCH 2019

UPDATE REPORT

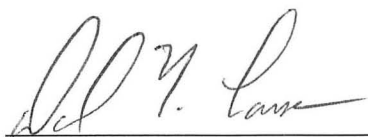
**FORMER KELLY'S GRAND VIEW ICO
INTERSECTION OF STATE HIGHWAY 63 & RAYMOND AVENUE
GRAND VIEW, WISCONSIN**

**WDNR BRRTS #03-04-000967
PECFA #54839-9999-67**

REI PROJECT #3783

The recommendations contained in this report are based on the information obtained from our study of the site and were arrived at in accordance with accepted hydrogeologic and engineering practices at this time and location.

"I, David N. Larsen, hereby certify that I am a hydrogeologist as that term is defined in s. NR 712.03 (1), Wis. Adm. Code, am registered in accordance with the requirements of ch. GHSS 2, Wis. Adm. Code, or licensed in accordance with the requirements of ch. GHSS 3, Wis. Admn. Code, and that to the best of my knowledge, all the information contained in this document is correct and the document was prepared in compliance with all applicable requirements in chs. NR 700 to 726, Wis. Adm. Code."

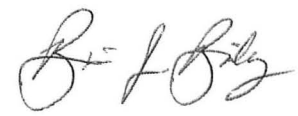


Hydrogeologist

3-8-19

Date

"I, Brian J. Bailey, hereby certify that I am a scientist as that term is defined in s. NR 712.03 (3), Wis. Adm. Code, and that, to the best of my knowledge, all the information contained in this document is correct and the document was prepared in compliance with all applicable requirements in chs. NR 700 to 726, Wis. Adm. Code."



Environmental Scientist

3-8-19

Date

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UPDATE REPORT

FORMER KELLY'S GRAND VIEW ICO INTERSECTION OF STATE HIGHWAY 63 & RAYMOND AVENUE GRAND VIEW, WISCONSIN

**WDNR BRRTS #03-04-000967
PECFA #54839-9999-67**

REI PROJECT #3783

1.0 INTRODUCTION

1.1 Purpose

This report presents results from the limited scope of work and cost cap approval for the Former Kelly's Grand View ICO site in Grand View, WI. The completed scope of services includes two (2) rounds of groundwater sampling from select wells in the monitoring well network and sampling of neighboring potable water supply wells.

2.0 SUMMARY OF WORK

The Former Kelly's Grand View ICO site is located at the intersection of State Highway 63 and Raymond Road in the SW $\frac{1}{4}$ of the NW $\frac{1}{4}$ of Section 22, Township 45 North, Range 06 West, Town of Grand View, Bayfield County, Wisconsin (Figure 1). Site investigation activities began in 1996, a remedial excavation was completed in 1997 and the engineered remedial system was started in 2008 and shut down in 2012. Figure 2 presents the locations of the known former underground petroleum systems that were in use on the subject property along with the groundwater sampling points. Please note that the backfill used following the 1997 soil excavation was exclusively sand based material. The top two (2) feet of sand material in the area of the 1997 soil excavation was removed and replaced with a clay cap in 2015. The intent of the clay cap was to limit surficial infiltration into the LNAPL area and to grade site drainage to prevent ponding in the area of the 1997 excavation. The presence of sub-slab petroleum vapors necessitated the installation of a sub-slab depressurization system in 2018.

2.1 Groundwater Monitoring and Analytical Results

REI personnel were onsite to sample select wells from the monitoring well network on July 17, November 6 and November 15, 2018. All wells with free product were sampled after the product was removed from the water table. All purge water waste generated during this scope of services was temporarily stored in 55-gallon WDOT approved drums and final disposal arrangements were completed allowing the disposal and treatment of the liquid waste at the City of Wausau waste water treatment facility. Recovered free product disposal documentation is included in Appendix A. Tables 1a-1b present the depth to free product and free product thickness for all wells with product during the period REI has managed the project.

Water elevation measurements from the REI sampling events are presented in Tables 2a-2c. Groundwater samples, collected by REI personnel, were submitted to a state certified laboratory for analysis. Groundwater analytical results are summarized in Tables 3a-3w. The complete laboratory analytical reports are included as Appendix A.

Figure 3 is a groundwater contour map for the November 6 and 15 sampling dates collected from the shallow groundwater wells. Groundwater is shown flowing to the east and is relatively consistent with historical groundwater flow directions.

Elevated residual groundwater contaminant concentrations remain in place at sample locations OW2, OW4, OW6, OW7, OW8, PZ1 and TW3. Free product remains in place at wells OW7 and TW3.

2.2 Potable Well Sampling and Analytical Results

REI personnel were onsite to sample select wells from the monitoring well network on July 17, 2018. Potable water supply wells were sampled at the Great Divide Christian Church (54655 Raymond Avenue), 54630 Cudworth Ave (this well services both the 54630 Cudworth Avenue residence as well as the 22180 US Highway 63 property), 54635 Cudworth Avenue and 54665 Cudworth Avenue.

Analytical results are summarized in Table 3w. Analytical results were non-detect for all analyzed parameters. Copies of the laboratory analytical reports are included in Appendix B.

3.0 CONCLUSION AND RECOMMENDATIONS

Elevated groundwater contaminant concentrations persist at depth in sample locations near the southwest corner of the on-site building (OW2, OW4, OW6, OW7, OW8, PZ1 and TW3). November 2018 reported residual dissolved phase groundwater contamination concentrations were 71,819 parts per billion (ppb) at OW7, 53,317 ppb at PZ1, 43,942 ppb at OW4 and 36,554 at OW8. While the end date of the PECFA program will limit many additional proposed remedial options, REI has experienced success using carbon as an injectate.

If the WDNR concurs that this site could benefit from carbon injection, REI would propose to complete the carbon injection in spring 2019, followed by two (2) rounds of groundwater sampling and report to follow in the fall of 2019. This schedule should still allow the site to be reviewed for case closure consideration in early 2020.

REI also recommends updating the summary tables with historical data collected by previous consultants. The investigation was initiated in 1996 and REI site work began in 2005 leaving a nine (9) year data gap. REI is aware of a remedial soil excavation that was completed prior to 2005. The petroleum impacted soil was not transported to a licensed landfill for disposal, rather it was landspread locally. REI is not aware of any post landspreading soil samples being collected for laboratory analysis.

**Table 1a
Depth to Free Product and Free Product Thickness
Former Kelly's Grand View ICO
Grand View, WI**

Well Name	OW2			OW4			OW7			Product Removed (gal)	Minimum Product Removed (gal)	Product Removed (gal)
	Depth to Product	Depth to Groundwater	Product Thickness (ft)	Depth to Groundwater	Product Thickness (ft)	Minimum Product Removed (gal)	Depth to Product	Product Thickness (ft)	Minimum Product Removed (gal)			
15-Nov-05												
21-Mar-06												
26-Sep-06												
14-Nov-07												
3-Sep-08			0.17									
24-Feb-09			0.33									
28-Apr-09												
5-May-09	30.64	32.70	2.06									
6-May-09	-	31.81	0.00									
18-May-09												
16-Jun-09												
29-Sep-09	31.10	33.59	2.49									
30-Sep-09	31.39	32.13	0.74									
14-Oct-09												
12-Jan-10	31.18	33.83	2.65									
17-Mar-10	31.16	34.23	3.07									
12-May-10	30.93	34.34	3.41									
15-Jun-10	30.64	32.18	1.54									
28-Jul-10												
9-Aug-10	29.48	31.45	1.97									
10-Aug-10	31.61	33.61	2.00									
16-Sep-10	31.35	33.62	2.27									
12-Oct-10	31.48	32.78	1.30									
11-Jan-11	31.14	32.87	1.73									
26-Apr-11	31.07	32.91	1.84									
15-Sep-11												
24-Oct-11												
28-Dec-11												
7-Feb-12		31.30	4.00									
8-May-12	30.90	31.78	0.88									
18-Jun-13	30.59	31.51	0.92									
14-Oct-14	27.59	28.55	0.96									
3-Feb-15	27.53	27.55	0.02									
19-Jun-15	-	28.03	-									
19-Aug-15	27.97	28.02	0.05									
31-Aug-16	27.05	27.06	0.01									
15-Feb-18	-	26.30	0.00									
10&11-April-2018	-	26.50	0.00									
17-Jul-18	-	26.94	0.00									
6&15-Nov-2018	-	24.76	0.00									
	Estimated Minimum Amount Removed	Estimated Minimum Amount Removed	Estimated Minimum Amount Removed	Estimated Minimum Amount Removed	Estimated Minimum Amount Removed	Estimated Minimum Amount Removed	Estimated Minimum Amount Removed	Estimated Minimum Amount Removed	Estimated Minimum Amount Removed	Estimated Minimum Amount Removed	Estimated Minimum Amount Removed	Estimated Minimum Amount Removed
	3.47	19.50	0.48	4.52	21.01	96.50	21.01	4.52	21.01	96.50	21.01	4.52
	Estimated Volume of Product Removed Manually	Estimated Volume of Product Removed Manually	Estimated Volume of Product Removed Manually	Estimated Volume of Product Removed Manually	Estimated Volume of Product Removed Manually	Estimated Volume of Product Removed Manually	Estimated Volume of Product Removed Manually	Estimated Volume of Product Removed Manually	Estimated Volume of Product Removed Manually	Estimated Volume of Product Removed Manually	Estimated Volume of Product Removed Manually	Estimated Volume of Product Removed Manually
	19.50	19.50	0.48	4.52	21.01	96.50	21.01	4.52	21.01	96.50	21.01	4.52

Notes:
 *** = Groundwater never encountered. Well terminated before contact with water. Product only in well.

**Table 1b
Depth to Free Product and Free Product Thickness
Former Kelly's Grand View ICO
Grand View, WI**

Well Name	RW4				OW5				TW1						
	Depth to Product	Depth to Groundwater	Product Thickness (ft)	Minimum Product Removed (gal)	Product Removed (gal)	Depth to Product	Depth to Groundwater	Product Thickness (ft)	Minimum Product Removed (gal)	Product Removed (gal)	Depth to Product	Depth to Groundwater	Product Thickness (ft)	Minimum Product Removed (gal)	Product Removed (gal)
8-Apr-09	22.00	23.21	1.21	System Restart											
28-Apr-09	22.00	22.03	0.03	System Operational											
5-May-09	21.36	21.85	0.49	System Down											
18-May-09	-	23.41	0.00	System Operational											
19-Jun-09	23.41	23.43	0.02	System Operational											
29-Sep-09				not measured											
12-Jan-10															
12-May-10															
15-Jun-10															
28-Jul-10															
9-Aug-10															
16-Sep-10	17.80	17.81	0.01	System Operational											
24-Oct-11	20.13	20.15	0.02	System Operational											
25-Jan-12															
7-Feb-12	19.66	19.67	0.01	System Operational											
8-May-12	6.63	6.86	0.23	System Operational	0.00	Well Damaged									
19-Jun-13															
14-Oct-14															
3-Feb-15															
19-Jun-15															
19-Aug-15															
31-Aug-16															
18-Feb-18															
10-Apr-18															
17-Jul-18															
6&15-Nov-2018	-	7.81	0.00	0.00	0.00										
				Estimated Minimum Amount Removed	0.00	Estimated Minimum Amount Removed	0.00	Estimated Minimum Amount Removed	0.00	Estimated Minimum Amount Removed	0.00	Estimated Minimum Amount Removed	0.00	Estimated Minimum Amount Removed	0.00
				Estimated Volume of Product Removed Manually	0.00	Estimated Volume of Product Removed Manually	0.00	Estimated Volume of Product Removed Manually	0.00	Estimated Volume of Product Removed Manually	0.00	Estimated Volume of Product Removed Manually	0.00	Estimated Volume of Product Removed Manually	0.00

Well Name	TW2				TW3				TW4						
	Depth to Product	Depth to Groundwater	Product Thickness (ft)	Minimum Product Removed (gal)	Product Removed (gal)	Depth to Product	Depth to Groundwater	Product Thickness (ft)	Minimum Product Removed (gal)	Product Removed (gal)	Depth to Product	Depth to Groundwater	Product Thickness (ft)	Minimum Product Removed (gal)	Product Removed (gal)
17-Mar-10															
12-May-10															
15-Jun-10		23.95	0.00				dry								
28-Jul-10		23.98	0.00												
29-Jul-10		23.26	0.00												
16-Sep-10		dry				16.74	18.62	1.88							
12-Oct-10						16.26	18.70**	2.44							
8-May-12		dry				16.79	18.70**	1.91							
18-Jun-13		dry				12.93	14.87	1.94							
14-Oct-14															
3-Feb-15															
15-Jun-15															
19-Aug-15															
31-Aug-16															
15-Feb-18															
10-Apr-18															
17-Jul-18															
6&15-Nov-2018	-	dry				14.03	17.24	3.21		0.25					
				Estimated Minimum Amount Removed	0.00	Estimated Minimum Amount Removed	0.25	Estimated Minimum Amount Removed	0.25	Estimated Minimum Amount Removed	0.25	Estimated Minimum Amount Removed	0.00	Estimated Minimum Amount Removed	0.00
				Estimated Volume of Product Removed Manually	0.00	Estimated Volume of Product Removed Manually	0.00	Estimated Volume of Product Removed Manually	0.25	Estimated Volume of Product Removed Manually	0.25	Estimated Volume of Product Removed Manually	0.00	Estimated Volume of Product Removed Manually	0.00

Well Name	OW8			
	Depth to Product	Depth to Groundwater	Product Thickness (ft)	Minimum Product Removed (gal)
12-May-10	20.18	20.48	0.30	0.05
9-Aug-10	-	18.13	0.00	0.00
16-Sep-10	17.51	17.53	0.02	0.01
11-Jan-11	16.64	16.89	0.25	
26-Apr-11	17.22	17.38	0.16	
15-Sep-11	-	15.50	0.00	
7-Feb-12	17.35	17.36	0.01	0.01
8-May-12	-	17.47	0.00	0.00
19-Jun-13	-	14.04	0.00	0.00
14-Oct-14	13.31	13.33	0.02	0.01
3-Feb-15	-	14.78	0.00	0.00
19-Jun-15	-	15.74	0.00	0.00
19-Aug-15	-			
31-Aug-16	-	12.86	0.00	0.00
15-Feb-18	-	18.17	0.00	0.00
10-Apr-18	-	11.71	0.00	0.00
17-Jul-18	-	11.19	0.00	0.00
6&15-Nov-2018	-			
				Estimated Minimum Amount Removed
				Estimated Volume of Product Removed Manually
				0.00

Notes:
** = Groundwater never encountered. Well terminated before contact with water. Product only in well.

Table 2a
Depth to Water and Water Level Elevations
Former Kelly's Grand View ICO
Grand View, WI

Depth To Water (feet) below Reference Elevations												
Date	MW1	MW2	MW3	MW4	MW5E	MW5	MW6	MW7	MW8	MW9	MW10	MW11
15-Nov-05	NM	8.53	NM	NM	8.99	8.71	7.48	NM	NM	17.34	13.16	NM
21-Mar-06	NM	9.83	NM	NM	10.29	10.03	10.17	NM	NM	15.46	14.24	NM
26-Sep-06	NM	9.59	NM	NM	10.10	9.75	10.14	NM	NM	15.59	14.15	NM
14-Nov-07	17.92	8.85	NM	9.85	9.37	NM	9.34	22.41	NM	16.89	14.15	11.56
3-Sep-08	NM	NM	9.90	9.84	9.25	NM	9.69	NM	NM	16.17	NM	NM
24-Feb-09	19.19	11.77	NM	15.98	12.56	NM	12.52	NM	NM	18.33	15.69	13.35
6-Apr-09	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
5-May-09	19.3	10.78	dry	15.83	11.69	11.36	10.12	dry	dry	dry	16.43	12.98
29-Sep-09	19.77	11.87	dry	15.93	12.91	12.1	12.19	dry	dry	dry	16.43	13.81
12-Jan-10	NM	12.28	dry	15.98	12.52	12.52	12.51	dry	dry	dry	16.07	13.72
12-May-10	19.36	11.76	dry	15.98	12.77	11.93	11.74	dry	dry	dry	16.07	13.72
16-Sep-10	NM	8.43	NM	NM	8.29	8.57	8.80	NM	NM	15.91	NM	NM
1-Jan-11	NM	9.20	NM	NM	9.70	9.90	9.83	NM	NM	NM	NM	NM
26-Apr-11	NM	9.74	NM	NM	10.24	9.96	8.65	NM	NM	NM	NM	NM
16-Sep-11	NM	7.63	NM	NM	8.20	7.59	8.43	NM	NM	NM	NM	NM
7-Feb-12	NM	11.39	NM	NM	12.05	11.14	11.37	NM	NM	16.85	NM	NM
8-May-12	NM	10.14	NM	NM	10.13	9.88	9.32	NM	NM	16.95	NM	NM
16-Jun-13	10.41	4.76	8.31	10.61	4.78	4.51	5.78	dry	dry	13.32	7.03	5.24
14-Oct-14	NM	6.07	10.61	6.08	5.78	5.78	7.12	NM	NM	12.41	NM	NM
3-Feb-15	NM	6.17	12.14	6.86	6.00	5.00	9.00	NM	NM	13.93	NM	6.75
15-Jun-15	NM	8.22	12.78	8.96	8.06	8.06	8.51	NM	NM	16.17	NM	NM
19-Aug-15	NM	8.58	11.21	9.36	8.60	8.33	8.87	NM	NM	14.84	NM	NM
31-Aug-16	NM	6.64	9.36	6.64	5.71	5.40	6.74	NM	NM	11.28	NM	NM
15-Feb-18	13.86	NM	NM	NM	9.62	19.17	10.08	dry	dry	13.93	dry	NM
10-Apr-18	12.87	9.57	NM	14.74	9.86	9.39	8.63	dry	dry	13.89	dry	18.96
17-Jul-18	NM	5.13	8.06	NM	5.04	4.96	6.07	dry	dry	10.86	NM	NM
6-Nov-18	NM	4.15	4.12	NM	4.81	4.41	5.87	NM	NM	9.90	NM	NM
15-Nov-18	8.51	NM	NM	5.98	NM	NM	NM	dry	dry	NM	7.02	5.63

Measuring Point Elevations	
Top of Casing**	1,053.17
Resurvey (9-15-11)	1,053.49
Resurvey (10-14-14)	1,053.08

Ground Surface Elevations	
Ground Elevation**	1,054.28
Resurvey (9-15-11)	1,054.73
Resurvey (10-14-14)	1,054.44
Resurvey (9-15-11)	1,053.52

Depth To Water (feet) below Top of Casing	
Average	1,040.80
Maximum	1,047.12
Minimum	1,038.46
Range	8.66

Water Level Elevation (feet MSL)	
MW2	1,044.28
MW1	1,044.64
15-Nov-05	1,043.54
21-Mar-06	1,043.56
26-Sep-06	1,043.56
14-Nov-07	1,044.32
03-Sep-08	1,044.32
24-Feb-09	1,044.43
06-Apr-09	1,044.40
05-May-09	1,042.39
28-Sep-09	1,041.30
12-Jan-10	1,040.89
12-May-10	1,041.41
16-Sep-10	1,044.74
01-Jan-11	1,043.97
26-Apr-11	1,043.43
15-Sep-11	1,045.34
07-Feb-12	1,041.78
06-May-12	1,043.03
18-Jun-13	1,048.41
14-Oct-14	1,047.10
05-Feb-15	1,045.00
15-Jun-15	1,044.95
19-Aug-15	1,038.46
31-Aug-16	1,044.59
15-Feb-18	1,046.53
10-Apr-18	1,042.83
17-Jul-18	1,043.62
6-Nov-18	1,048.04
15-Nov-18	1,047.88

Notes:	
NM = Not Measured	
** = Free product observed in well	
** = REI Completed a site survey on September 28, 2009	

**Table 2b
Depth to Water and Water Level Elevations
Former Kelly's Grand View ICO
Grand View, WI**

Depth To Water (feet) below Reference Elevation													
Date	OW1	OW2	OW3	OW4	OW5	OW6	OW7	OW8	OW9	OW10	OW11	FZ2	
15-Nov-05	17.34	29.41	14.19	Product	25.06	10.15	Product Only	15.45	Product Only	15.45	Product Only	20.69	32.97
21-Mar-06	18.11	29.67	15.27	17.43	24.26	14.69	Product Only	18.92	Product Only	18.92	Product Only	21.42	33.51
26-Sep-06	18.20	29.77	15.04	16.66	24.42	10.79	Product Only	16.32	Product Only	16.32	Product Only	21.80	33.67
14-Nov-07	19.00	31.20	15.91	17.26	24.86	11.57	NM	17.31	NM	17.31	NM	22.41	34.04
3-Sep-08	17.49	31.27	14.73	15.92	24.90	10.45	Product Only	16.49	Product Only	16.49	Product Only	22.84	34.26
24-Feb-09	19.86	32.6	16.68	19.02*	26.03	13.2	NM	18.49	NM	18.49	NM	22.84	35.05
8-Apr-09	NM	NM	16.56	NM	NM	NM	Product Only	NM	Product Only	NM	NM	NM	NM
5-May-09	19.57	32.7*	16.66	18.63*	25.79	14.63	Product Only	18.39	Product Only	18.39	Product Only	23.08	34.78
29-Sep-09	20.4	33.69*	17.34	19.83*	19.48*	13.48	Product Only	19.32	Product Only	19.32	Product Only	23.66	35.47
12-Jan-10	20.66	33.83*	17.61	20.34*	26.23	NM	24.18*	19.32	24.18*	19.32	26.60	35.46	36.47
12-May-10	19.67	34.34*	16.97	20.60*	26.41*	13.00	24.15*	20.38*	24.15*	20.38*	24.12	35.30	36.30
16-Sep-10	16.51	33.62*	13.95	18.57*	24.87	10.51	21.57*	17.53*	21.57*	17.53*	24.12	34.08	34.08
11-Jan-11	16.44	31.14	NM	17.82*	NM	9.87	24.14*	16.89*	24.14*	16.89*	22.12	34.07	34.07
26-Apr-11	17.46	32.91*	14.92	18.41*	25.42	11.28	24.11*	17.38*	24.11*	17.38*	22.87	34.30	34.30
19-Sep-11	15.77	31.64	12.95	15.28	23.97	8.45	Product Only	15.50	Product Only	15.50	21.84	33.49	33.49
7-Feb-12	18.60	31.30	15.38	17.62*	24.26	14.75	Freeze	17.36	Freeze	17.36	22.66	34.63	34.63
8-May-12	18.24	31.76*	15.52	17.82	25.58	11.95	Dry	17.47	Dry	17.47	22.67	34.23	34.23
19-Jun-13	13.26	31.51*	10.41	13.04*	Damaged	5.98	Product Only	14.04	Product Only	14.04	21.09	33.01	33.01
14-Oct-14	NM	28.55*	NM	12.80	NM	7.06	Product Only	13.33*	Product Only	13.33*	18.74	NM	18.74
3-Feb-15	NM	27.85*	NM	14.59	19.75	8.09	Product Only	14.78	Product Only	14.78	19.33	NM	19.33
19-Jun-15	NM	28.03	NM	16.93	20.67	10.70	Product Only	15.74	Product Only	15.74	19.88	NM	19.88
19-Aug-15	NM	28.02*	NM	16.02	25.77	10.35	Product Only	NM	Product Only	NM	20.08	NM	20.08
31-Aug-16	NM	27.06*	NM	12.15*	18.09	6.91	NM	12.56	NM	12.56	19.20	NM	19.20
15-Feb-18	16.64	26.30	NM	14.97	19.89	10.60	20.50*	18.17	20.50*	18.17	18.81	NM	18.81
10-Apr-18	17.21	26.50	16.24	15.76	10.91	10.82	20.46*	14.41	20.46*	14.41	19.49	31.65	31.65
17-Jul-18	NM	25.94	NM	15.69	20.41	12.86	19.85*	11.71	19.85*	11.71	17.36	NM	17.36
6-Nov-18	NM	24.76	NM	11.21	18.29	5.79	15.16*	NM	15.16*	NM	16.89	NM	16.89
15-Nov-18	12.71	NM	9.25	NM	NM	NM	NM	11.19	NM	11.19	NM	29.13	29.13

Measuring Point Elevations

Top of Casing**	1,055.60	1,054.49	1,052.07	1,054.21	1,051.10	1,053.87	1,055.13	1,054.08	1,053.68	1,055.87
Resurvey (9-16-11)				1,053.91			1,054.96			
Resurvey (10-14-14)					1,051.06			1,053.85		

Ground Surface Elevations

Ground Elevation**	1,053.08	1,055.04	1,052.61	1,054.65	1,041.45	1,054.31	1,055.70	1,054.36	1,053.28	1,053.28
Resurvey (9-16-11)				1,054.40						

Depth To Water (feet) below Top of Casing

Average	1,036.15	1,025.25	1,037.13	1,038.40	1,028.27	1,043.15	1,030.79	1,037.95	1,032.36	1,022.02
Maximum	1,043.09	1,028.73	1,042.82	1,043.00	1,040.19	1,046.08	1,030.79	1,042.89	1,036.79	1,026.74
Minimum	1,035.22	1,021.89	1,034.46	1,035.45	1,024.87	1,039.12	1,030.79	1,034.76	1,027.08	1,020.40
Range	7.87	7.84	8.36	7.55	15.32	8.96	0	8.13	9.71	6.34

Water Level Elevation (feet MSL)

Date	OW1	OW2	OW3	OW4	OW5	OW6	OW7	OW8	OW9	OW10	OW11	FZ2
15-Nov-05	1,036.46	1,025.08	1,037.88	1,037.88	1,026.04	1,043.72	1,038.63	1,032.99	1,032.99	1,032.99	1,032.99	1,022.90
21-Mar-06	1,037.69	1,024.82	1,036.80	1,036.78	1,026.84	1,039.18	1,036.84	1,031.18	1,031.18	1,031.18	1,031.18	1,022.36
26-Sep-06	1,037.60	1,024.72	1,037.03	1,037.85	1,026.68	1,043.08	1,036.68	1,031.88	1,031.88	1,031.88	1,031.88	1,022.20
14-Nov-07	1,036.80	1,023.29	1,036.16	1,036.95	1,026.24	1,042.30	1,036.24	1,031.27	1,031.27	1,031.27	1,031.27	1,021.83
03-Sep-08	1,036.31	1,023.22	1,037.34	1,038.29	1,026.20	1,043.42	1,037.69	1,031.61	1,031.61	1,031.61	1,031.61	1,021.61
24-Feb-09	1,036.24	1,021.89	1,035.39	1,035.39	1,025.07	1,040.67	1,035.69	1,030.84	1,030.84	1,030.84	1,030.84	1,020.82
06-Apr-09	1,036.23	1,021.79*	1,035.51	1,035.51	1,025.31	1,039.24	1,035.69	1,030.60	1,030.60	1,030.60	1,030.60	1,021.09
06-May-09	1,035.40	1,020.9*	1,034.73	1,034.73	1,020.39	1,039.76	1,034.76	1,030.02	1,030.02	1,030.02	1,030.02	1,020.40
12-Jan-10	1,035.22	1,020.66*	1,034.46	1,034.46	1,024.87	1,039.12	1,034.76	1,030.02	1,030.02	1,030.02	1,030.02	1,020.41
12-May-10	1,035.93	1,020.15*	1,035.10	1,035.10	1,026.23	1,040.87	1,035.10	1,030.38	1,030.38	1,030.38	1,030.38	1,020.41
16-Sep-10	1,039.29	1,020.87*	1,038.12	1,038.12	1,026.23	1,043.36	1,038.12	1,033.17	1,033.17	1,033.17	1,033.17	1,021.79
11-Jun-11	1,039.36	1,028.35	1,038.35	1,038.35	1,026.68	1,044.00	1,038.35	1,033.17	1,033.17	1,033.17	1,033.17	1,021.80
26-Apr-11	1,036.34	1,021.58*	1,037.15	1,037.15	1,025.68	1,042.59	1,037.15	1,030.81	1,030.81	1,030.81	1,030.81	1,021.57
15-Sep-11	1,040.03	1,022.95	1,039.12	1,038.83	1,027.13	1,045.42	1,039.12	1,033.84	1,033.84	1,033.84	1,033.84	1,022.36
07-Feb-12	1,037.20	1,023.19	1,036.69	1,036.69	1,026.84	1,039.12	1,036.69	1,031.04	1,031.04	1,031.04	1,031.04	1,021.24
08-May-12	1,037.56	1,022.71*	1,036.55	1,036.09	1,025.52	1,041.92	1,036.55	1,030.61	1,030.61	1,030.61	1,030.61	1,021.64
18-Jun-13	1,042.51	1,022.98*	1,040.87*	1,040.87*	1,025.52	1,047.89	1,040.87*	1,039.81	1,039.81	1,039.81	1,039.81	1,022.86
14-Oct-14	1,026.94*	1,025.94*	1,041.66	1,041.11	1,031.31	1,046.81	1,046.81	1,040.59*	1,040.59*	1,040.59*	1,040.59*	1,034.94
03-Feb-15	1,026.94*	1,026.94*	1,039.32	1,039.32	1,031.31	1,045.78	1,045.78	1,039.07	1,039.07	1,039.07	1,039.07	1,034.35
15-Jun-15	1,026.46	1,026.46	1,036.86	1,036.86	1,030.39	1,045.17	1,045.17	1,038.80	1,038.80	1,038.80	1,038.80	1,033.60
19-Aug-15	1,026.47*	1,026.47*	1,037.89	1,037.89	1,025.29	1,046.96	1,046.96	1,045.92	1,045.92	1,045.92	1,045.92	1,033.60
31-Aug-16	1,027.43*	1,027.43*	1,041.76*	1,041.76*	1,032.97	1,046.96	1,046.96	1,045.92	1,045.92	1,045.92	1,045.92	1,033.60
15-Feb-18	1,039.16	1,026.19	1,039.24	1,039.24	1,031.21	1,043.25	1,043.25	1,040.19	1,040.19	1,040.19	1,040.19	1,034.87
10-Apr-18	1,038.59	1,027.99	1,035.45	1,035.45	1,040.19	1,043.07	1,043.07	1,040.19	1,040.19	1,040.19	1,040.19	1,034.19
17-Jul-18	1,055.80	1,028.55	1,038.52	1,038.52	1,030.69	1,041.01	1,041.01	1,042.37	1,042.37	1,042.37	1,042.37	1,024.22

Table 2c
Depth to Water and Water Level Elevations
Former Kelly's Grand View ICO
Grand View, WI

Depth To Water (feet) below Reference Elevation									
Date	TW1	TW2	TW3	TW4	RW1	RW2	RW3	RW4	RWE
15-Nov-06									
21-Mar-06									
26-Sep-06									
14-Nov-07									
3-Sep-08									
24-Feb-09									
8-Apr-09									
5-May-09									
28-Sep-09									
12-Jan-10									
12-May-10									
11-Jan-11									
26-Apr-11									
15-Sep-11									
7-Feb-12	NM	NM	NM	NM	NM	NM	NM	NM	NM
6-May-12	11.17	Dry	18.46*	23.01	NM	NM	NM	23.21	NM
16-Jun-13	5.86	Dry	14.87*	23.05	NM	NM	NM	21.85	NM
14-Oct-14	NM	NM	NM	NM	NM	NM	NM	NM	8.81
03-Feb-15	NM	NM	NM	NM	NM	NM	NM	NM	NM
15-Jun-15	NM	NM	NM	NM	NM	NM	NM	NM	NM
19-Aug-15	NM	NM	NM	NM	NM	NM	NM	NM	NM
31-Aug-16	NM	NM	NM	NM	NM	NM	NM	NM	NM
18-Feb-18	NM	NM	NM	NM	NM	NM	NM	NM	NM
10-Apr-18	10.67	dry	17.24*	dry	NM	NM	NM	NM	NM
17-Jul-18	NM	NM	11.55	NM	NM	NM	NM	NM	NM
6-Nov-18	NM	NM	11.39	NM	NM	NM	NM	NM	NM
15-Nov-18	5.88	Dry	11.39	NM	6.76	4.91	5.81	7.81	5.61
Measuring Point Elevations									
Top of Casing**	1,054.51	1,055.60	1,054.07	1,055.69	1,053.12	1,053.38	1,054.18	1,054.63	1,054.46
Resurvey (8-15-11)									
Ground Surface Elevations									
Ground Elevation**	1,054.89	1,055.86	1,054.36	1,056.09	1,052.26	1,053.76	1,054.28	1,054.89	1,054.83
Resurvey (8-15-11)									
Depth To Water (feet) below Top of Casing									
Average	1,046.09	0.00	0.00	1,032.66	1,044.25	1,044.10	1,044.13	1,037.01	1,047.51
Maximum	1,048.63	0.00	-11.38	1,032.68	1,046.50	1,046.66	1,049.19	1,046.82	1,048.92
Minimum	1,043.34	0.00	-11.55	1,032.64	1,040.74	1,040.66	1,040.41	1,031.42	1,045.65
Range	5.29	0	0.16	0.04	7.76	8	8.78	15.4	3.27
Water Level Elevation (feet MSL)									
Date	TW1	TW2	TW3	TW4	RW1	RW2	RW3	RW4	RWE
15-Nov-05									
21-Mar-06									
26-Sep-06									
14-Nov-07									
03-Sep-08									
24-Feb-09									
08-Apr-09									
05-May-09									
28-Sep-09									
12-Jan-10									
12-May-10									
16-Sep-10									
11-Jan-11									
28-Apr-11									
19-Sep-11									
07-Feb-12									
06-May-12	1,043.34			1,032.68					1,048.92
15-Jun-13	1,048.63			1,032.64					
14-Oct-14									
03-Feb-15									
15-Jun-15									
19-Aug-15									
31-Aug-16									
15-Feb-18									
10-Apr-18	1,043.84		1,042.52						
17-Jul-18									
6-Nov-18									
15-Nov-18	1,048.83		1,042.68		1,046.36	1,046.47	1,048.37	1,046.82	1,048.85

Table 3a
MW1

Summary of Groundwater Analytical Results
Former Kelly's Grand View
Grand View, Wisconsin

ES	PAL	Date	15-Nov-05	21-Mar-06	26-Sep-06	14-Nov-07	8-Apr-08	3-Sep-08	24-Feb-09	8-Apr-09	5-May-09	29-Sep-09
15	1.5	µg/l	NS	NS	NS	NA		NS	< 0.60		NA	NA
Dissolved Lead												
PVOC Parameters												
5	0.5	µg/l	NS	NS	NS	< 0.20	System	NS	< 0.20	System	< 0.20	< 0.20
800	160	µg/l	NS	NS	NS	< 0.40	Start-up	NS	< 0.40	Switch	< 0.40	< 0.40
700	140	µg/l	NS	NS	NS	< 0.10	at	NS	< 0.10	to RW4	< 0.10	< 0.10
2,000	400	µg/l	NS	NS	NS	< 0.40	RW1, RW2	NS	< 0.40	Only	< 0.40	< 0.40
60	12	µg/l	NS	NS	NS	< 0.20	and RW3	NS	< 0.20		< 0.20	< 0.20
480	96	µg/l	NS	NS	NS	< 0.40		NS	< 0.40		< 0.40	< 0.40
100	10	µg/l	NS	NS	NS	< 1.00		NS	< 1.00		< 1.00	< 1.00
0.05	0.005	µg/l	NS	NS	NS	< 0.20		NS	< 0.20		< 0.20	< 0.20
5	0.5	µg/l	NS	NS	NS	< 0.20		NS	< 0.20		< 0.20	< 0.20

ES	PAL	Date	12-Jan-10	12-May-10	16-Sep-10	11-Jan-11	26-Apr-11	15-Sep-11	7-Feb-12	8-May-12	25-Sep-12	18-Jun-13
15	1.5	µg/l	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Dissolved Lead												
PVOC Parameters												
5	0.5	µg/l	NS	NS	NS	NS	NS	NS	NS	NS	System	NS
800	160	µg/l	NS	NS	NS	NS	NS	NS	NS	NS	Turned	NS
700	140	µg/l	NS	NS	NS	NS	NS	NS	NS	NS	Off	NS
2,000	400	µg/l	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
60	12	µg/l	NS	NS	NS	NS	NS	NS	NS	NS	PECFA	NS
480	96	µg/l	NS	NS	NS	NS	NS	NS	NS	NS	Shutdown	NS
100	10	µg/l	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
0.05	0.005	µg/l	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
5	0.5	µg/l	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

ES	PAL	Date	13-Oct-14	13-Oct-14	3-Feb-15	15-Jun-15	19-Aug-15	31-Aug-16	15-Feb-18	10-Apr-18	17-Jul-18	15-Nov-18
15	1.5	µg/l		NS	NS	NS	NS	NS	NS	NA	NS	NA
Dissolved Lead												
PVOC Parameters												
5	0.5	µg/l		NS	NS	NS	NS	NS	NS	< 0.40	NS	< 0.31
800	160	µg/l	Clay	NS	NS	NS	NS	NS	NS	< 0.39	NS	< 0.49
700	140	µg/l	Cap	NS	NS	NS	NS	NS	NS	< 0.39	NS	< 0.33
2,000	400	µg/l	Installed	NS	NS	NS	NS	NS	NS	< 0.80	NS	< 0.66
60	12	µg/l		NS	NS	NS	NS	NS	NS	< 0.48	NS	< 0.32
480	96	µg/l		NS	NS	NS	NS	NS	NS	< 0.42	NS	< 0.34
100	10	µg/l		NS	NS	NS	NS	NS	NS	< 0.42	NS	< 0.51
0.05	0.005	µg/l		NS	NS	NS	NS	NS	NS	NA	NS	NA
5	0.5	µg/l		NS	NS	NS	NS	NS	NS	NA	NS	NA

Notes:

All values are reported in µg/l (ppb), unless otherwise noted

ES = NR140.10 Enforcement Standards

PAL = NR140.10 Preventive Action Limits

NS= Not Sampled

NA= Not Analyzed

ES exceeded ----->

PAL exceeded ----->

* = Concentration between Limit of Detection and Limit of Quantitation, considered an estimate

BOLD
<i>Italics</i>

Table 3b
MW2
Summary of Groundwater Analytical Results
Former Kelly's Grand View
Grand View, Wisconsin

Metals and Inorganics		ES	PAL	Units	11/15/2005	3/21/2006	9/26/2006	11/14/2007	8-Apr-08	9/3/2008	24-Feb-09	8-Apr-09	5-May-09	23-Sep-09	12-Jan-10	12-May-10	16-Sep-10	
Dissolved Lead		15	1.5	µg/l	0.99	2.1	0.98*	NA	NA	< 16	1.54*		8.07	NA	1.31	4.6*	14.5	
P VOC Parameters																		
Benzene		5	0.5	µg/l	10	5.8*	< 31	< 20	System	< 10	< 0.20	System	< 2.0	< 0.20	< 3.10	1.8*	< 0.41	
Toluene		800	160	µg/l	240	650	407	1,070	Start-up	75	0.42*	Switch	103	255	275	43.5	< 0.67	
Ethylbenzene		700	140	µg/l	370	550	781	1,660	at	132	3.67	to RW4	239	540	567	301	< 0.54	
Xylenes (mixed isomers)		2,000	400	µg/l	400	1,240	938	5,340	RW1, RW2	271.7	2.4	Only	476	1,184	309.7	< 1.8		
Methyl tert-Butyl Ether (MTBE)		60	12	µg/l	< 1.2	< 3.0	< 30	< 20	and RW3	45.9*	< 0.50		< 5.0	< 0.50	< 3.0	< 1.2	< 0.61	
Trimethylbenzenes (mixed isomers)		480	96	µg/l	134	349	453	2,270		162.7	4.96		288	668	338	308	< 0.97	
Naphthalene		100	10	µg/l	NA	260	501	833		236	5.56		155	486	NA	201	< 0.89	
1,2-Dibromoethane		0.05	0.005	µg/l	< 1.1	< 2.8	< 11.0	< 20		< 15	< 0.30		< 3.0	< 0.30	NA	< 1.1	< 0.56	
1,2-Dichloroethane		5	0.5	µg/l	< 0.72	< 1.8	< 40	< 20		< 15	< 0.30		< 3.0	0.68*	NA	< 0.72	< 0.75	
1,1-Dichloropropylene				µg/l	NA	NA	NA	NA		NA	0.80*		< 8.0	< 0.80	NA	< 1.9	< 0.76	
2-Chlorotoluene				µg/l	NA	NA	NA	NA		NA	0.31*		< 3.0	< 0.30	NA	< 1.7	< 0.74	
Isopropylbenzene				µg/l	NA	NA	NA	NA		NA	2.58		28.3	41.7	NA	24.9	< 0.59	

Metals and Inorganics		ES	PAL	Units	11-Jan-11	26-Apr-11	15-Sep-11	7-Feb-12	8-May-12	25-Sep-12	18-Jun-13	13-Oct-14	14-Oct-14	3-Feb-15	15-Jun-15	19-Aug-15	31-Aug-16
Dissolved Lead		15	1.5	µg/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
P VOC Parameters																	
Benzene		5	0.5	µg/l	< 0.30	< 0.41	< 0.41	< 0.41	< 0.41	System	< 0.34	Clay	< 0.40	< 0.40	< 0.40	< 0.40	< 0.40
Toluene		800	160	µg/l	< 0.40	19.8	< 0.67	14.3	91.1	Turned	11	Cap	< 0.39	0.94*	< 0.39	< 0.39	< 0.39
Ethylbenzene		700	140	µg/l	< 0.20	52.5	< 0.54	85.8	160	Off	152	Installed	< 0.39	< 0.39	7.2	< 0.39	< 0.39
Xylenes (mixed isomers)		2,000	400	µg/l	< 0.40	177	< 1.8	212	406.2		463		< 0.80	< 0.80	49.1	< 0.80	< 0.80
Methyl tert-Butyl Ether (MTBE)		60	12	µg/l	< 0.50	< 0.61	< 0.61	< 0.61	PECEFA		< 0.37		< 0.48	< 0.48	< 0.48	< 0.48	< 0.48
Trimethylbenzenes (mixed isomers)		480	96	µg/l	< 0.40	50.8	< 0.97	86.1	195.1	Shutdown	116.8		< 0.42	< 0.42	28.6	< 0.42	< 0.42
Naphthalene		100	10	µg/l	< 1.0	20	< 0.89	31.9	89.1		52.8		< 0.39	< 0.39	20	4.1	< 0.42
1,2-Dibromoethane		0.05	0.005	µg/l	< 0.80	NA	NA	NA	< 0.56		NA		NA	NA	NA	NA	NA
1,2-Dichloroethane		5	0.5	µg/l	< 0.30	< 0.36	< 0.36	< 0.36	< 0.36		NA		NA	NA	NA	NA	NA
1,1-Dichloropropylene				µg/l	< 0.50	NA	NA	NA	< 0.75		NA		NA	NA	NA	NA	NA
2-Chlorotoluene				µg/l	< 0.30	NA	NA	NA	< 0.74		NA		NA	NA	NA	NA	NA
Isopropylbenzene				µg/l	< 0.20	NA	NA	NA	11		NA		NA	NA	NA	NA	NA

Metals and Inorganics		ES	PAL	Units	15-Feb-18	10-Apr-18	17-Jul-18	6-Nov-18
Dissolved Lead		15	1.5	µg/l	NS	NA	NA	NA
P VOC Parameters								
Benzene		5	0.5	µg/l	NS	< 0.40	< 0.31	< 0.31
Toluene		800	160	µg/l	NS	< 0.39	< 0.49	< 0.49
Ethylbenzene		700	140	µg/l	NS	3.9	0.66*	0.37*
Xylenes (mixed isomers)		2,000	400	µg/l	NS	5.6	1.2*	0.68*
Methyl tert-Butyl Ether (MTBE)		60	12	µg/l	NS	< 0.48	< 0.32	< 0.32
Trimethylbenzenes (mixed isomers)		480	96	µg/l	NS	< 0.42	< 0.34	0.36*
Naphthalene		100	10	µg/l	NS	< 0.42	< 0.51	1.1*
1,2-Dibromoethane		0.05	0.005	µg/l	NS	NA	NA	NA
1,2-Dichloroethane		5	0.5	µg/l	NS	NA	NA	NA
1,1-Dichloropropylene				µg/l	NS	NA	NA	NA
2-Chlorotoluene				µg/l	NS	NA	NA	NA
Isopropylbenzene				µg/l	NS	NA	NA	NA

Notes:
All values are reported in µg/l (ppb) unless otherwise noted
ES = NR140.10 Enforcement Standards
PAL = NR140.10 Preventive Action Limits
NS= Not Sampled
NA= Not Analyzed
ES exceeded ----->
PAL exceeded ----->
* = Concentration between Limit of Detection and Limit of Quantitation, considered an estimate

Top of Screen/Bottom of Screen (ft bls) 4-14

BOLD
Italics

Table 3c
MW3
Summary of Groundwater Analytical Results
Former Kelly's Grand View
Grand View, Wisconsin

Metals and Inorganics		ES	PAL	Units	15-Nov-05	21-Mar-06	28-Sep-06	14-Nov-07	8-Apr-08	3-Sep-08	24-Feb-09	8-Apr-09	5-May-09	29-Sep-09	12-Jan-10	12-May-10
Dissolved Lead		15	1.5	µg/l	NS	NS	NA	NS		NS			Well	Well	Well	Well
PVOC Parameters									System			System	Well	Dry	Dry	Dry
Benzene		5	0.5	µg/l	NS	NS	< 0.31	NS	System Start-up at	NS	NS	Switch to RW4	Dry	Dry		
Toluene		800	160	µg/l	NS	NS	< 0.30	NS		NS	NS					
Ethylbenzene		700	140	µg/l	NS	NS	< 0.50	NS	RW1, RW2 and RW3	NS	NS	Only				
Xylenes (mixed isomers)		2,000	400	µg/l	NS	NS	< 0.62	NS		NS	NS					
Methyl tert-Butyl Ether (MTBE)		60	12	µg/l	NS	NS	< 0.30	NS		NS	NS					
Trimethylbenzenes (mixed isomers)		480	96	µg/l	NS	NS	< 0.40	NS		NS	NS					
Naphthalene		100	10	µg/l	NS	NS	< 0.80	NS		NS	NS					
1,2-Dibromoethane		0.05	0.005	µg/l	NS	NS	< 1.1	NS		NS	NS					
1,2-Dichloroethane		5	0.5	µg/l	NS	NS	< 0.40	NS		NS	NS					

Metals and Inorganics		ES	PAL	Units	11-Jan-11	26-Apr-11	15-Sep-11	7-Feb-12	8-May-12	25-Sep-12	18-Jun-13	13-Oct-14	14-Oct-14	3-Feb-15	15-Jun-15	19-Aug-15
Dissolved Lead		15	1.5	µg/l	NS	NS	NS	NS	NS	System Turned Off	NA	Clay	NA	NA	NA	NA
PVOC Parameters																
Benzene		5	0.5	µg/l	NS	NS	NS	NS	NS	NS	< 0.34	Cap Installed	< 0.40	< 0.40	< 0.40	< 0.40
Toluene		800	160	µg/l	NS	NS	NS	NS	NS	NS	< 0.34		< 0.39	< 0.39	< 0.39	< 0.39
Ethylbenzene		700	140	µg/l	NS	NS	NS	NS	NS	NS	< 0.34		< 0.39	< 0.39	< 0.39	< 0.39
Xylenes (mixed isomers)		2,000	400	µg/l	NS	NS	NS	NS	NS	NS	< 0.71		< 0.80	< 0.80	< 0.80	< 0.80
Methyl tert-Butyl Ether (MTBE)		60	12	µg/l	NS	NS	NS	NS	NS	NS	< 0.37		< 0.48	< 0.48	< 0.48	< 0.48
Trimethylbenzenes (mixed isomers)		480	96	µg/l	NS	NS	NS	NS	NS	NS	< 0.36		< 0.42	< 0.42	< 0.42	< 0.42
Naphthalene		100	10	µg/l	NS	NS	NS	NS	NS	NS	< 0.37		< 0.39	< 0.39	< 0.39	< 0.39
1,2-Dibromoethane		0.05	0.005	µg/l	NS	NS	NS	NS	NS	NS	NA		NA	NA	NA	NA
1,2-Dichloroethane		5	0.5	µg/l	NS	NS	NS	NS	NS	NS	NA		NA	NA	NA	NA

Metals and Inorganics		ES	PAL	Units	31-Aug-16	15-Feb-18	10-Apr-18	17-Jul-18	6-Nov-18
Dissolved Lead		15	1.5	µg/l	NA	NS	NS	NA	NA
PVOC Parameters									
Benzene		5	0.5	µg/l	< 0.40	NS	NS	< 0.31	< 0.31
Toluene		800	160	µg/l	< 0.39	NS	NS	< 0.49	< 0.49
Ethylbenzene		700	140	µg/l	< 0.39	NS	NS	< 0.33	< 0.33
Xylenes (mixed isomers)		2,000	400	µg/l	< 0.80	NS	NS	< 0.66	< 0.66
Methyl tert-Butyl Ether (MTBE)		60	12	µg/l	< 0.48	NS	NS	< 0.32	< 0.32
Trimethylbenzenes (mixed isomers)		480	96	µg/l	< 0.42	NS	NS	< 0.34	< 0.34
Naphthalene		100	10	µg/l	< 0.42	NS	NS	< 0.51	< 0.51
1,2-Dibromoethane		0.05	0.005	µg/l	NA	NS	NS	NA	NA
1,2-Dichloroethane		5	0.5	µg/l	NA	NS	NS	NA	NA

Notes:

All values are reported in µg/l (ppb), unless otherwise noted
 ES = NR140.10 Enforcement Standards
 PAL = NR140.10 Preventive Action Limits
 NS= Not Sampled
 NA= Not Analyzed

ES exceeded ----->
 PAL exceeded ----->
BOLD
Italics

* = Concentration between Limit of Detection and Limit of Quantitation, considered an estimate

Top of Screen/Bottom of Screen (ft bis) 5-15

Table 3d
MW4
Summary of Groundwater Analytical Results
Former Kelly's Grand View
Grand View, Wisconsin

	ES	PAL	Units	15-Nov-05	21-Mar-06	26-Sep-06	14-Nov-07	8-Apr-08	3-Sep-08	24-Feb-09	8-Apr-09	5-May-09	29-Sep-09	12-Jan-10	12-May-10	16-Sep-10
Metals and Inorganics																
Dissolved Lead	15	1.5	µg/l	NS	NS	< 0.60	NA		NS	< 0.60		NA		NS		NS
PVOC Parameters																
Benzene	5	0.5	µg/l	NS	NS	< 0.31	< 0.20	System Start-up	NS	< 0.20	System	< 0.20	Well		Well	
Toluene	800	160	µg/l	NS	NS	< 0.30	< 0.40	at	NS	< 0.40	to RW4	< 0.40	Dry		Dry	
Ethylbenzene	700	140	µg/l	NS	NS	< 0.50	< 0.10	RW1, RW2	NS	< 0.10	Only	< 0.10	NS		NS	
Xylenes (mixed isomers)	2,000	400	µg/l	NS	NS	< 0.62	< 0.40	and RW3	NS	< 0.40		< 0.40	NS		NS	
Methyl tert-Butyl Ether (MTBE)	60	12	µg/l	NS	NS	< 0.30	< 0.20		NS	< 0.20		< 0.20	NS		NS	
Trimethylbenzenes (mixed isomers)	480	96	µg/l	NS	NS	< 0.71	< 0.40		NS	< 0.40		< 0.40	NS		NS	
Naphthalene	100	10	µg/l	NS	NS	< 0.80	< 1.00		NS	< 1.00		< 1.00	NS		NS	
1,2-Dibromoethane	0.05	0.005	µg/l	NS	NS	< 1.1	< 0.20		NS	< 0.20		< 0.20	NS		NS	
1,2-Dichloroethane	5	0.5	µg/l	NS	NS	< 0.40	< 0.20		NS	< 0.20		< 0.20	NS		NS	

	ES	PAL	Units	11-Jan-11	26-Apr-11	15-Sep-11	7-Feb-12	5/8/2012	25-Sep-12	6/18/2013	13-Oct-14	14-Oct-14	3-Feb-15	15-Jun-15	19-Aug-15	31-Aug-16
Metals and Inorganics																
Dissolved Lead	15	1.5	µg/l	NS	NS	NS	NS	NS	System	NS	Clay	NS	NS	NS	NS	NS
PVOC Parameters																
Benzene	5	0.5	µg/l	NS	NS	NS	NS	NS	Turned Off	NS	Cap Installed	NS	NS	NS	NS	NS
Toluene	800	160	µg/l	NS	NS	NS	NS	NS	NS	NS		NS	NS	NS	NS	NS
Ethylbenzene	700	140	µg/l	NS	NS	NS	NS	NS	NS	NS		NS	NS	NS	NS	NS
Xylenes (mixed isomers)	2,000	400	µg/l	NS	NS	NS	NS	NS	NS	NS		NS	NS	NS	NS	NS
Methyl tert-Butyl Ether (MTBE)	60	12	µg/l	NS	NS	NS	NS	NS	PECFA	NS		NS	NS	NS	NS	NS
Trimethylbenzenes (mixed isomers)	480	96	µg/l	NS	NS	NS	NS	NS	Shutdown	NS		NS	NS	NS	NS	NS
Naphthalene	100	10	µg/l	NS	NS	NS	NS	NS		NS		NS	NS	NS	NS	NS
1,2-Dibromoethane	0.05	0.005	µg/l	NS	NS	NS	NS	NS		NS		NS	NS	NS	NS	NS
1,2-Dichloroethane	5	0.5	µg/l	NS	NS	NS	NS	NS		NS		NS	NS	NS	NS	NS

	ES	PAL	Units	15-Feb-18	10-Apr-18	17-Jul-18	6-Nov-18
Metals and Inorganics							
Dissolved Lead	15	1.5	µg/l	NS	NA	NS	NS
PVOC Parameters							
Benzene	5	0.5	µg/l	NS	< 0.40	NS	NS
Toluene	800	160	µg/l	NS	< 0.39	NS	NS
Ethylbenzene	700	140	µg/l	NS	< 0.39	NS	NS
Xylenes (mixed isomers)	2,000	400	µg/l	NS	< 0.80	NS	NS
Methyl tert-Butyl Ether (MTBE)	60	12	µg/l	NS	< 0.48	NS	NS
Trimethylbenzenes (mixed isomers)	480	96	µg/l	NS	< 0.42	NS	NS
Naphthalene	100	10	µg/l	NS	< 0.42	NS	NS
1,2-Dibromoethane	0.05	0.005	µg/l	NS	NA	NS	NS
1,2-Dichloroethane	5	0.5	µg/l	NS	NA	NS	NS

Notes:

- All values are reported in µg/l (ppb), unless otherwise noted
- ES = NR140.10 Enforcement Standards
- PAL = NR140.10 Preventive Action Limits
- NS= Not Sampled
- NA= Not Analyzed
- ES exceeded ----->
- PAL exceeded ----->
- * = Concentration between Limit of Detection and Limit of Quantitation, considered an estimate

BOLD
Italics

Top of Screen/Bottom of Screen (ft bls) 7-17

Table 3e
MWSr
Summary of Groundwater Analytical Results
Former Kelly's Grand View
Grand View, Wisconsin

	ES	PAL	Units	15-Nov-05	18-Nov-05	21-Mar-06	26-Sep-06	14-Nov-07	8-Apr-08	3-Sep-08	24-Feb-09	8-Apr-09	5-May-09	29-Sep-09	12-Jan-10	12-May-10	16-Sep-10	
Metals and Inorganics	15	1.5	µg/l	1.80	NA	14	5.49	NA	System	< 16	11.7	System	NA	9.15	316	316	4.6	
Dissolved Lead																		
PVOC Parameters																		
Benzene	5	0.5	µg/l	< 10	< 20	< 20	< 62	< 20	Start-up at	< 20	< 20	Switch to RW4	< 20	< 3.10	< 8.2	< 8.2	< 0.41	
Toluene	800	160	µg/l	3,200	5,600	3,450	811	811		566	843		972	1,040	705	705	9.9	
Ethylbenzene	700	140	µg/l	1,400	2,200	1,560	1,050	1,050	RW1, RW2 and RW3	983	1,480	Only	1,470	1,860	1,030	1,030	43.4	
Xylenes (mixed isomers)	2,000	400	µg/l	7,800	12,100	7,700	6,090	6,090		4,850	8,510		6,382	8,490	6,060	6,060	277.1	
Methyl tert-Butyl Ether (MTBE)	60	12	µg/l	< 15	< 30	< 30	< 60	< 20		< 50	< 50		< 50	37.2	< 12.2	< 0.61		
Trimethylbenzenes (mixed isomers)	480	96	µg/l	1,650	2,520	1,490	1,350	1,350		1,691	2,218		2,114	1,643	1,743	222.4		
Naphthalene	100	10	µg/l	NA	520	643	401	401		361	441		438	NA	267	29.9		
1,2-Dibromoethane	0.05	0.005	µg/l	< 14	< 28	< 28	< 20	< 20		< 30	< 30		< 30	NA	< 11.2	< 0.36		
1,2-Dichloroethane	5	0.5	µg/l	< 9.0	< 18	< 18	< 80	< 20		< 30	< 30		< 30	NA	< 7.2	< 0.36		
Isopropylbenzene			µg/l	NA	NA	NA	NA	NA		NA	64.4		80.7	NA	41.8	41.8	4.7	

	ES	PAL	Units	12-Jan-10	12-May-10	16-Sep-10	11-Jan-11	26-Apr-11	15-Sep-11	7-Feb-12	8-May-12	25-Sep-12	18-Jun-13	13-Oct-14	14-Oct-14	3-Feb-15
Metals and Inorganics	15	1.5	µg/l	9.15	316	4.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved Lead																
PVOC Parameters																
Benzene	5	0.5	µg/l	< 3.10	< 8.2	< 0.41	2.98*	< 8.2	< 0.41	5.2	< 2.0	System Turned	< 0.34	Clay	< 0.40	< 0.40
Toluene	800	160	µg/l	1,040	705	9.9	72.2	317	3.8	101	23.9	Off	< 0.34	Cap	< 0.39	< 0.39
Ethylbenzene	700	140	µg/l	1,860	1,030	43.4	197	806	37.7	420	181		0.87*	Installed	< 0.39	2.8
Xylenes (mixed isomers)	2,000	400	µg/l	8,830	6,060	277.1	1,356	5,290	131.9	1,960	980	PECFA	1.72*		< 0.80	3.2
Methyl tert-Butyl Ether (MTBE)	60	12	µg/l	37.2	< 12.2	< 0.61	< 5.0	< 12.2	< 0.61	< 3.0	< 3.0	Shutdown	< 0.37		< 0.48	< 0.48
Trimethylbenzenes (mixed isomers)	480	96	µg/l	2,603	1,743	222.4	1,769	2,320	103.6	1,607	195.1		2.07		< 0.42	5.3
Naphthalene	100	10	µg/l	NA	267	29.9	104	275	34.9	213	105		< 0.37		< 0.39	3.5
1,2-Dibromoethane	0.05	0.005	µg/l	NA	< 11.2	< 0.56	< 3.0	NA	NA	NA	< 2.8		NA		NA	NA
1,2-Dichloroethane	5	0.5	µg/l	NA	< 7.2	< 0.36	< 3.0	< 7.2	< 0.36	< 1.8	< 1.8		NA		NA	NA
Isopropylbenzene			µg/l	NA	41.8	4.7	26.2	NA	NA	NA	23.3		NA		NA	NA

	ES	PAL	Units	15-Jun-15	19-Aug-15	31-Aug-15	15-Feb-18	10-Apr-18	17-Jul-18	6-Nov-18
Metals and Inorganics	15	1.5	µg/l	NA	NA	NA	NA	NA	NA	NA
Dissolved Lead										
PVOC Parameters										
Benzene	5	0.5	µg/l	< 0.40	< 0.40	< 0.40	< 0.40	< 0.40	< 0.31	< 0.31
Toluene	800	160	µg/l	< 0.39	< 0.39	< 0.39	< 0.39	4.9	< 0.49	< 0.49
Ethylbenzene	700	140	µg/l	0.61*	1.3	< 0.39	4.6	55	< 0.33	< 0.33
Xylenes (mixed isomers)	2,000	400	µg/l	< 0.80	0.99*	< 0.80	2.1	216.6	< 0.66	< 0.66
Methyl tert-Butyl Ether (MTBE)	60	12	µg/l	< 0.48	< 0.48	< 0.48	< 0.48	1.3	< 0.32	< 0.32
Trimethylbenzenes (mixed isomers)	480	96	µg/l	0.72*	2.2	< 0.42	10.1	78.4	< 0.34	< 0.34
Naphthalene	100	10	µg/l	1.8	2.5	< 0.42	< 0.42	31.2	< 0.51	< 0.51
1,2-Dibromoethane	0.05	0.005	µg/l	NA	NA	NA	NA	NA	NA	NA
1,2-Dichloroethane	5	0.5	µg/l	NA	NA	NA	NA	NA	NA	NA
Isopropylbenzene			µg/l	NA	NA	NA	NA	NA	NA	NA

Notes:
 All values are reported in µg/l (ppb), unless otherwise noted
 ES = NR140.10 Enforcement Standards
 PAL = NR140.10 Preventive Action Limits
 NS = Not Sampled
 NA = Not Analyzed
 ES exceeded ----->
 PAL exceeded ----->
 * = Concentration between Limit of Detection and Limit of Quantitation, considered an estimate

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Table 3f
MW6

Summary of Groundwater Analytical Results
Former Kelly's Grand View
Grand View, Wisconsin

ES	PAL	Units	15-Nov-05	21-Mar-06	26-Sep-06	14-Nov-07	8-Apr-08	3-Sep-08	24-Feb-09	8-Apr-09	5-May-09	29-Sep-09	12-Jan-10	12-May-10	16-Sep-10
Metals and Inorganics															
Dissolved Lead	15	1.5 µg/l	5.60	2.1	3.22	NA	NA	< 16	1.71*	System	4.99	NA	4.04	47.7	16.1
PVOC Parameters															
Benzene	5	0.5 µg/l	26	< 2.0	< 6.2	< 1.0	System at	< 2.0	< 2.0	Switch	< 2.0	< 2.0	< 15.5	< 4.1	< 0.41
Toluene	800	160 µg/l	2,600	4,000	1,620	880		407	448	to RW4	562	384	450	263	9.9
Ethylbenzene	700	140 µg/l	1,400	1,700	1,570	1,500	RW1, RW2	1,550	1,510	Only	1,240	1,690	1,890	1,220	43.4
Xylenes (mixed isomers)	2,000	400 µg/l	4,200	6,100	4,541	4,744	and RW3	4,939	5,375		3,946	5,950	5,790	3,958	277.1
Methyl tert-Butyl Ether (MTBE)	60	12 µg/l	< 1.2	< 3.0	< 6	< 1.0		< 5.0	< 5.0		< 5.0	< 5.0	NA	< 6.1	< 0.61
Trimethylbenzenes (mixed isomers)	480	96 µg/l	870	1,380	1,101	2,100		1,833	2,047		1,071	1,387	NA	1,169	222.4
Naphthalene	100	10 µg/l	NA	740	858	1,060		760	683		539	751	NA	618	222.9
1,2-Dibromoethane	0.05	0.005 µg/l	< 1.1	< 2.8	< 2.2	< 1.0		< 3.0	< 3.0		< 3.0	< 3.0	NA	< 5.6	< 0.56
1,2-Dichloroethane	5	0.5 µg/l	< 7.2	< 18	< 8	1.52*		< 3.0	< 3.0		< 3.0	< 3.0	NA	< 3.6	< 0.75
1,1-Dichloropropylene		µg/l	NA	NA	NA	NA		NA	NA		87.8*	< 80	NA	< 7.5	< 0.75
Isopropylbenzene		µg/l	NA	NA	NA	NA		NA	NA		72.3	77.9	NA	69.1	6.8
n-propylbenzene		µg/l	NA	NA	NA	NA		NA	NA		NA	NA	NA	145	19.2

ES	PAL	Units	11-Jan-11	26-Apr-11	15-Sep-11	7-Feb-12	8-May-12	25-Sep-12	18-Jun-13	13-Oct-14	14-Oct-14	3-Feb-15	15-Jun-15	19-Aug-15	31-Aug-16
Metals and Inorganics															
Dissolved Lead	15	1.5 µg/l	NA	NA	NA	NA	NA	NA	System	Clay	NA	NA	NA	NA	NA
PVOC Parameters															
Benzene	5	0.5 µg/l	< 2.0	< 4.1	< 4.1	< 4.1	< 4.1	Turned	< 6.7	Cap	< 0.40	< 0.99	< 4.0	< 4.0	< 0.40
Toluene	800	160 µg/l	793	206	494	118	108	Off	894	Installed	12.6	248	237	465	160
Ethylbenzene	700	140 µg/l	861	1,010	922	937	1,190		820		59.4	368	730	1,010	405
Xylenes (mixed isomers)	2,000	400 µg/l	3,152	3,150	3,291	3,440	4,087	PECEFA	2,552		185.6	1,188	2,439	3,323	1,891
Methyl tert-Butyl Ether (MTBE)	60	12 µg/l	< 5.0	< 6.1	< 6.1	< 6.1	< 6.1	Shutdown	< 7.4		< 0.48	1.7*	< 4.8	< 4.8	< 4.8
Trimethylbenzenes (mixed isomers)	480	96 µg/l	775	776	740	800	957		684		67.1	264.3	747	800	569
Naphthalene	100	10 µg/l	353	356	378	376	539		339		33.8	159	289	397	232
1,2-Dibromoethane	0.05	0.005 µg/l	< 8.0	NA	NA	NA	< 5.6	NA	NA		NA	NA	NA	NA	NA
1,2-Dichloroethane	5	0.5 µg/l	< 3.0	< 3.6	< 3.6	< 3.6	< 7.5	NA	NA		NA	NA	NA	NA	NA
1,1-Dichloropropylene		µg/l	< 5.0	NA	NA	NA	< 7.5	NA	NA		NA	NA	NA	NA	NA
Isopropylbenzene		µg/l	43.7	NA	NA	NA	86.1	NA	NA		NA	NA	NA	NA	NA
n-propylbenzene		µg/l	< 2.0	NA	NA	NA	119	NA	NA		NA	NA	NA	NA	NA

ES	PAL	Units	15-Feb-18	10-Apr-18	17-Jul-18	6-Nov-18
Metals and Inorganics						
Dissolved Lead	15	1.5 µg/l	NA	NA	NA	NA
PVOC Parameters						
Benzene	5	0.5 µg/l	< 2.0	< 2.0	< 1.5	< 0.31
Toluene	800	160 µg/l	2.7*	370	209	< 0.49
Ethylbenzene	700	140 µg/l	381	381	277	< 0.33
Xylenes (mixed isomers)	2,000	400 µg/l	67.3	1,407	1,277	< 0.66
Methyl tert-Butyl Ether (MTBE)	60	12 µg/l	10.7	3.2*	3.1*	< 0.32
Trimethylbenzenes (mixed isomers)	480	96 µg/l	490.7	373.4	437.5	< 0.34
Naphthalene	100	10 µg/l	70	148	155	< 0.51
1,2-Dibromoethane	0.05	0.005 µg/l	NA	NA	NA	NA
1,2-Dichloroethane	5	0.5 µg/l	NA	NA	NA	NA
1,1-Dichloropropylene		µg/l	NA	NA	NA	NA
Isopropylbenzene		µg/l	NA	NA	NA	NA
n-propylbenzene		µg/l	NA	NA	NA	NA

Notes:

All values are reported in µg/l (ppb), unless otherwise noted
ES = NR140.10 Enforcement Standards
PAL = NR140.10 Preventive Action Limits
NS = Not Sampled
NA = Not Analyzed

ES exceeded ----->
PAL exceeded ----->

BOLD
Italics

* = Concentration between Limit of Detection and Limit of Quantitation, considered an estimate

Top of Screen/Bottom of Screen (ft bbls)

7-17

Table 3g
MW7
Summary of Groundwater Analytical Results
Former Kelly's Grand View
Grand View, Wisconsin

	ES	PAL	Units	15-Nov-05	21-Mar-06	26-Sep-06	14-Nov-07	8-Apr-08	3-Sep-08	24-Feb-09	8-Apr-09	5-May-09	29-Sep-09	12-Jan-10	12-May-10	16-Sep-10
Metals and Inorganics																
Dissolved Lead	15	1.5	µg/l	NA	3.4	1.81*	NA	System	20*	< 0.60	System	NA	NA	1.17	21	NA
PVOC Parameters																
Benzene	5	0.5	µg/l	6.8	1.9*	< 3.1	< 2.0	Start-up at	< 2.0	< 0.20	Switch	< 2.0	< 0.20	4.96	< 0.41	< 1.0
Toluene	800	160	µg/l	16	140	52	15.3		14.5	2.16	to RW4	18	13.6	4.47	16.8	5
Ethylbenzene	700	140	µg/l	110	280	170	110	RW1, RW2	110	14.3	Only	85.7	123	28.5	280	88.6
Xylenes (mixed isomers)	2,000	400	µg/l	79	360	164.8	131.1	and RW3	144.3	10.04		190.6	162.4	24.08	342.7	54.3
Methyl tert-Butyl Ether (MTBE)	60	12	µg/l	< 0.61	< 1.5	< 3.0	< 2.0		< 5.0	< 0.50		< 5.0	< 0.50	3.68	< 0.61	< 1.5
Trimethylbenzenes (mixed isomers)	480	96	µg/l	7.82	110	203.6	205.5		123.2	5.7		96.9	223.2	53.2	276.4	88.1
Naphthalene	100	10	µg/l	NA	110	83.0	63.8		75.6	5.74		50.20	85.4	NA	133	54.5
1,2-Dibromoethane	0.05	0.005	µg/l	< 0.56	< 1.4	< 11	< 2.0		< 3.0	< 0.30		< 3.0	< 0.30	NA	< 0.56	< 1.4
1,2-Dichloroethane	5	0.5	µg/l	< 0.36	< 0.9	< 4	< 2.0		< 3.0	< 0.30		< 3.0	0.33*	NA	< 0.36	< 1.4
Isopropylbenzene			µg/l	NA	NA	NA	NA		NA	1.19		6.52	10.90	NA	22.1	11.7
Propylbenzene			µg/l	NA	NA	NA	NA		NA	2.09		< 1.0	25.10	NA	54	24.8
Trichloroethane			µg/l	NA	NA	NA	NA		NA	0.20*		< 3.0	< 0.30	NA	< 0.79	< 2.0

	ES	PAL	Units	11-Jan-11	26-Apr-11	15-Sep-11	7-Feb-12	8-May-12	25-Sep-12	18-Jun-13	13-Oct-14	14-Oct-14	3-Feb-15	15-Jun-15	19-Aug-15	31-Aug-16
Metals and Inorganics																
Dissolved Lead	15	1.5	µg/l	NA	NA	NA	NA	NA	System	NA	Clay	NA	NA	NA	NA	NA
PVOC Parameters																
Benzene	5	0.5	µg/l	< 3.0	< 0.41	< 0.41	< 0.41	< 0.41	Turned Off	< 0.34	Cap	< 0.40	1.7	1.1	0.57*	< 0.40
Toluene	800	160	µg/l	< 4.0	< 0.67	< 0.67	5.3	5.2	105	< 0.34	Installed	< 0.39	2.3	1.7	2.6	< 0.39
Ethylbenzene	700	140	µg/l	36.4	5.8	74.2	106	105		< 0.34		2.5	71.5	57	95	< 0.39
Xylenes (mixed isomers)	2,000	400	µg/l	21.91	9.3	64.9	114	193	PECFA	< 0.71		8.5	79.4	56.2	88.3	< 0.80
Methyl tert-Butyl Ether (MTBE)	60	12	µg/l	< 5.0	< 0.61	< 0.61	< 0.61	< 0.61	Shutdown	< 0.37		< 0.48	3.1	1.6	6.9	< 0.48
Trimethylbenzenes (mixed isomers)	480	96	µg/l	71.8	5.5	137.7	137.6	240.1		0.37*		7.4	68.3	37.6	85.9	< 0.42
Naphthalene	100	10	µg/l	< 1.0	1.9*	23.4	21.5	48.1		< 0.37		1.6	37.5	28.3	60.5	< 0.42
1,2-Dibromoethane	0.05	0.005	µg/l	< 8.0	NA	NA	NA	< 0.56		NA		NA	NA	NA	NA	NA
1,2-Dichloroethane	5	0.5	µg/l	< 3.0	< 0.36	< 0.36	< 0.36	< 0.36		NA		NA	NA	NA	NA	NA
Isopropylbenzene			µg/l	6.1*	NA	NA	NA	9.8		NA		NA	NA	NA	NA	NA
Propylbenzene			µg/l	12.7*	NA	NA	NA	23.4		NA		NA	NA	NA	NA	NA
Trichloroethane			µg/l	< 3.0	NA	NA	NA	< 0.79		NA		NA	NA	NA	NA	NA

	ES	PAL	Units	15-Feb-18	10-Apr-18	17-Jul-18	6-Nov-18
Metals and Inorganics							
Dissolved Lead	15	1.5	µg/l	NA	NA	NA	NA
PVOC Parameters							
Benzene	5	0.5	µg/l	< 0.40	< 0.40	< 0.31	< 0.31
Toluene	800	160	µg/l	1.6	1.8	< 0.49	< 0.49
Ethylbenzene	700	140	µg/l	21.6	78	< 0.33	< 0.33
Xylenes (mixed isomers)	2,000	400	µg/l	30.1	148.5	< 0.66	< 0.66
Methyl tert-Butyl Ether (MTBE)	60	12	µg/l	2.6	4.8	< 0.32	< 0.32
Trimethylbenzenes (mixed isomers)	480	96	µg/l	14.3	97.3	< 0.34	< 0.34
Naphthalene	100	10	µg/l	6.8	47.1	< 0.51	< 0.51
1,2-Dibromoethane	0.05	0.005	µg/l	NA	NA	NA	NA
1,2-Dichloroethane	5	0.5	µg/l	NA	NA	NA	NA
Isopropylbenzene			µg/l	NA	NA	NA	NA
Propylbenzene			µg/l	NA	NA	NA	NA
Trichloroethane			µg/l	NA	NA	NA	NA

Notes:
 All values are reported in µg/l (ppb), unless otherwise noted
 ES = NRI140.10 Enforcement Standards
 PAL = NRI140.10 Preventive Action Limits
 NS= Not Sampled
 NA= Not Analyzed
 ES exceeded ----->
 PAL exceeded ----->
 * = Concentration between Limit of Detection and Limit of Quantitation, considered an estimate

Top of Screen/Bottom of Screen (ft bbs) reent (ft bbs) 6-16

Table 3h
MW8
Summary of Groundwater Analytical Results
Former Kelly's Grand View
Grand View, Wisconsin

		Units	11/15/2005	3/21/2006	9/26/2006	11/14/2007	8-Apr-08	9/3/2008	2/24/2009	8-Apr-09	5/5/2009	9/29/2009	1/12/2010	12-May-10	16-Sep-10
Metals and Inorganics	ES	PAL													
Dissolved Lead	15	1.5	NS	NS	NS	NS		NS	Well		Well	NS	Well	Well	Well
PVOC Parameters															
Benzene	5	0.5	NS	NS	NS	NS	System Start-up	NS	Dry	System Switch to RW4	Dry	Dry			
Toluene	800	160	NS	NS	NS	NS	at RW1, RW2 and RW3	NS				NS	NS		
Xylenes (mixed isomers)	2,000	400	NS	NS	NS	NS		NS				NS	NS		
Methyl tert-Butyl Ether (MTBE)	60	12	NS	NS	NS	NS		NS				NS	NS		
Trimethylbenzenes (mixed isomers)	480	96	NS	NS	NS	NS		NS				NS	NS		
Naphthalene	100	10	NS	NS	NS	NS		NS				NS	NS		
1,2-Dibromoethane	0.05	0.005	NS	NS	NS	NS		NS				NS	NS		
1,2-Dichloroethane	5	0.5	NS	NS	NS	NS		NS				NS	NS		

		Units	11-Jan-11	26-Apr-11	15-Sep-11	7-Feb-12	8-May-12	25-Sep-12	18-Jun-13	13-Oct-14	14-Oct-14	3-Feb-15	19-Jun-15	19-Aug-15	31-Aug-16
Metals and Inorganics	ES	PAL													
Dissolved Lead	15	1.5	NS	NS	NS	NS	NS	System Turned Off	Well			NS	NS	NS	NS
PVOC Parameters															
Benzene	5	0.5	NS	NS	NS	NS	NS	NS	Dry	Clay					
Toluene	800	160	NS	NS	NS	NS	NS	NS		Cap Installed					
Ethylbenzene	700	140	NS	NS	NS	NS	NS	NS							
Xylenes (mixed isomers)	2,000	400	NS	NS	NS	NS	NS	NS							
Methyl tert-Butyl Ether (MTBE)	60	12	NS	NS	NS	NS	NS	NS							
Trimethylbenzenes (mixed isomers)	480	96	NS	NS	NS	NS	NS	NS							
Naphthalene	100	10	NS	NS	NS	NS	NS	NS							
1,2-Dibromoethane	0.05	0.005	NS	NS	NS	NS	NS	NS							
1,2-Dichloroethane	5	0.5	NS	NS	NS	NS	NS	NS							

		Units	15-Feb-18	10-Apr-18	17-Jul-18	15-Nov-18
Metals and Inorganics	ES	PAL				
Dissolved Lead	15	1.5	Well	Well	Well	Well
PVOC Parameters						
Benzene	5	0.5	Dry	Dry	Dry	Dry
Toluene	800	160				
Ethylbenzene	700	140				
Xylenes (mixed isomers)	2,000	400				
Methyl tert-Butyl Ether (MTBE)	60	12				
Trimethylbenzenes (mixed isomers)	480	96				
Naphthalene	100	10				
1,2-Dibromoethane	0.05	0.005				
1,2-Dichloroethane	5	0.5				

Notes:

All values are reported in µg/l (ppb), unless otherwise noted
 ES = NR140.10 Enforcement Standards
 PAL = NR140.10 Preventive Action Limits
 NS = Not Sampled
 NA = Not Analyzed

ES exceeded ----->
 PAL exceeded ----->
 * = Concentration between Limit of Detection and Limit of Quantitation, considered an estimate

Top of Screen/Bottom of Screen (ft b/s) 10-20

Table 31
MW9
Summary of Groundwater Analytical Results
Former Kelly's Grand View
Grand View, Wisconsin

	ES	PAL	Date	19-Nov-08	21-Mar-08	26-Sep-08	14-Nov-07	8-Apr-08	3-Sep-08	24-Feb-09	8-Apr-09	5-May-09	29-Sep-09	12-Jan-10	12-May-10	16-Sep-10
				Units	Units	Units	Units	Units	Units	Units	Units	Units	Units	Units	Units	Units
Metals and Inorganics																
Dissolved Lead	15	1.5	µg/l	0.73	0.51	< 0.60	NA		< 16	0.63*		Well	Dry	Well	Dry	3.1*
PVOC Parameters																
Benzene	5	0.5	µg/l	230	78	183	220	System	404	124	Switch					37.4
Toluene	800	160	µg/l	73	11	28.1	23.1*	Start-up at	111	29.9*	to RW4					34.7
Ethylbenzene	700	140	µg/l	370	210	227	723	RW1, RW2	888	378	Only					223
Xylenes (mixed isomers)	2,000	400	µg/l	481	170	257	380	and RW3	1,160.8	214.2						314.2
Methyl tert-Butyl Ether (MTBE)	60	12	µg/l	< 2.4	< 1.5	< 6.0	< 4.0		< 5.0	< 26						< 0.61
Trimethylbenzenes (mixed isomers)	480	96	µg/l	242	55	124.7	23.9		1,103	369						328.1
Naphthalene	100	10	µg/l	NA	93	152	237		494	201						147
1,2-Dibromoethane	0.05	0.005	µg/l	< 2.2	< 1.4	< 22	< 4.0		< 3.0	< 15						< 0.56
1,2-Dichloroethane	5	0.5	µg/l	< 1.4	< 0.9	< 8.0	5.75*		9.10*	< 15						< 0.36
Isopropylbenzene			µg/l	NA	NA	NA	NA		NA	34.9						21.7

	ES	PAL	Date	11-Jan-11	26-Apr-11	15-Sep-11	7-Feb-12	8-May-12	25-Sep-12	13-Jun-13	13-Oct-14	14-Oct-14	3-Feb-15	15-Jun-15	19-Aug-15	31-Aug-16
				Units	Units	Units	Units	Units	Units	Units	Units	Units	Units	Units	Units	Units
Metals and Inorganics																
Dissolved Lead	15	1.5	µg/l	Well	NS	NA	NA	NA	System	NA	Clay	NA	NA	NA	NA	NA
PVOC Parameters																
Benzene	5	0.5	µg/l	Dry	NS	3.0	14.5	6.2	Turned	4.3	Cap	< 0.40	< 0.40	2.1	1.4	< 0.40
Toluene	800	160	µg/l		NS	2.1	3	3.2	Off	11.7	Installed	< 0.39	< 0.39	4.3	1.4	< 0.39
Ethylbenzene	700	140	µg/l		NS	28.6	209	43.1		1.4		< 0.39	< 0.39	9.9	5.5	< 0.39
Xylenes (mixed isomers)	2,000	400	µg/l		NS	30.8	23	11.8	PECFA	16		< 0.80	< 0.80	6.0	3.7	< 0.80
Methyl tert-Butyl Ether (MTBE)	60	12	µg/l		NS	< 0.61	< 0.61	< 0.61	Shutdown	0.68*		< 0.48	< 0.48	0.49*	0.56*	< 0.48
Trimethylbenzenes (mixed isomers)	480	96	µg/l		NS	27.8	200.1	24.1		5.86		< 0.42	< 0.42	6.5	5.7	< 0.42
Naphthalene	100	10	µg/l		NS	16.7	55.2	10.9		3.1		< 0.39	< 0.39	10.1	3.7	< 0.42
1,2-Dibromoethane	0.05	0.005	µg/l		NS	NA	NA	< 0.56		NA		NA	NA	NA	NA	NA
1,2-Dichloroethane	5	0.5	µg/l		NS	< 0.36	< 0.36	< 0.36		NA		NA	NA	NA	NA	NA
Isopropylbenzene			µg/l		NS	NA	NA	8.0		NA		NA	NA	NA	NA	NA

	ES	PAL	Date	15-Feb-18	10-Apr-18	17-Jul-18	6-Nov-18
				Units	Units	Units	Units
Metals and Inorganics							
Dissolved Lead	15	1.5	µg/l	NA	NA	NA	NA
PVOC Parameters							
Benzene	5	0.5	µg/l	1.1	< 0.40	< 0.49	< 0.31
Toluene	800	160	µg/l	5.1	< 0.39	< 0.33	< 0.49
Ethylbenzene	700	140	µg/l	< 0.39	< 0.39	< 0.66	< 0.66
Xylenes (mixed isomers)	2,000	400	µg/l	1.8*	0.88*	< 0.32	< 0.32
Methyl tert-Butyl Ether (MTBE)	60	12	µg/l	< 0.48	< 0.48	< 0.34	< 0.34
Trimethylbenzenes (mixed isomers)	480	96	µg/l	< 0.42	0.90*	< 0.51	< 0.51
Naphthalene	100	10	µg/l	< 0.42	1.9	NA	NA
1,2-Dibromoethane	0.05	0.005	µg/l	NA	NA	NA	NA
1,2-Dichloroethane	5	0.5	µg/l	NA	NA	NA	NA
Isopropylbenzene			µg/l	NA	NA	NA	NA

Notes:
All values are reported in µg/l (ppb), unless otherwise noted
ES = NR140.10 Enforcement Standards
PAL = NR140.10 Preventive Action Limits
NS = Not Sampled
NA = Not Analyzed
ES exceeded ----->
PAL exceeded ----->
* = Concentration between Limit of Detection and Limit of Quantitation, considered an estimate

Top of Screen/Bottom of Screen (ft bls) 10-20

BOLD
Italics

Table 3j
MW 10
Summary of Groundwater Analytical Results
Former Kelly's Grand View
Grand View, Wisconsin

	ES	PAL	Date	15-Nov-05	21-Mar-06	26-Sep-06	14-Nov-07	8-Apr-08	3-Sep-08	24-Feb-09	8-Apr-09	5-May-09	29-Sep-09	12-Jan-10	12-May-10	16-Sep-10
			Units	NS	NS	NS	NA	System Start-up	NS	< 0.60	System Switch to RW4 Only	NA	NA	NS	NS	NS
Metals and Inorganics																
Dissolved Lead	15	1.5	µg/l	NS	NS	NS	NA	System Start-up	NS	< 0.60	System Switch to RW4 Only	NA	NA	NS	NS	NS
PVOC Parameters																
Benzene	5	0.5	µg/l	NS	NS	NS	< 0.20	System Start-up	NS	< 0.20	System Switch to RW4 Only	< 0.20	< 0.20	NS	NS	NS
Toluene	800	160	µg/l	NS	NS	NS	< 0.40	at RW1, RW2 and RW3	NS	< 0.40		< 0.40	< 0.40	NS	NS	NS
Ethylbenzene	700	140	µg/l	NS	NS	NS	< 0.10		NS	< 0.10		< 0.10	< 0.10	NS	NS	NS
Xylenes (mixed isomers)	2,000	400	µg/l	NS	NS	NS	< 0.40		NS	< 0.40		< 0.40	< 0.40	NS	NS	NS
Methyl tert-Butyl Ether (MTBE)	60	12	µg/l	NS	NS	NS	< 0.20		NS	< 0.20		< 0.20	< 0.20	NS	NS	NS
Trimethylbenzenes (mixed isomers)	480	96	µg/l	NS	NS	NS	< 0.40		NS	< 0.40		< 0.40	< 0.40	NS	NS	NS
Naphthalene	100	10	µg/l	NS	NS	NS	< 1.00		NS	< 1.00		< 1.00	< 1.00	NS	NS	NS
1,2-Dibromoethane	0.05	0.005	µg/l	NS	NS	NS	< 0.20		NS	< 0.20		< 0.20	< 0.20	NS	NS	NS
1,2-Dichloroethane	5	0.5	µg/l	NS	NS	NS	< 0.20		NS	< 0.20		< 0.20	< 0.20	NS	NS	NS

	ES	PAL	Date	11-Jan-11	26-Apr-11	15-Sep-11	7-Feb-12	8-May-12	25-Sep-12	18-Jun-13	13-Oct-14	14-Oct-14	3-Feb-15	15-Jun-15	19-Aug-15	31-Aug-16
			Units	NS	NS	NS	NS	NS	System Turned Off	NS	Clay Cap Installed	NS	NS	NS	NS	NS
Metals and Inorganics																
Dissolved Lead	15	1.5	µg/l	NS <td>NS</td> <td>NS</td> <td>NS</td> <td>NS</td> <td>System Turned Off</td> <td>NS</td> <td>Clay Cap Installed</td> <td>NS</td> <td>NS</td> <td>NS</td> <td>NS</td> <td>NS</td>	NS	NS	NS	NS	System Turned Off	NS	Clay Cap Installed	NS	NS	NS	NS	NS
PVOC Parameters																
Benzene	5	0.5	µg/l	NS	NS	NS	NS	NS	System Turned Off	NS	Clay Cap Installed	NS	NS	NS	NS	NS
Toluene	800	160	µg/l	NS	NS	NS	NS	NS	System Turned Off	NS	Clay Cap Installed	NS	NS	NS	NS	NS
Ethylbenzene	700	140	µg/l	NS	NS	NS	NS	NS	System Turned Off	NS	Clay Cap Installed	NS	NS	NS	NS	NS
Xylenes (mixed isomers)	2,000	400	µg/l	NS	NS	NS	NS	NS	PECFA Shutdown	NS		NS	NS	NS	NS	NS
Methyl tert-Butyl Ether (MTBE)	60	12	µg/l	NS	NS	NS	NS	NS		NS		NS	NS	NS	NS	NS
Trimethylbenzenes (mixed isomers)	480	96	µg/l	NS	NS	NS	NS	NS		NS		NS	NS	NS	NS	NS
Naphthalene	100	10	µg/l	NS	NS	NS	NS	NS		NS		NS	NS	NS	NS	NS
1,2-Dibromoethane	0.05	0.005	µg/l	NS	NS	NS	NS	NS		NS		NS	NS	NS	NS	NS
1,2-Dichloroethane	5	0.5	µg/l	NS	NS	NS	NS	NS		NS		NS	NS	NS	NS	NS

	ES	PAL	Date	15-Feb-18	10-Apr-18	17-Jul-18	15-Nov-18
			Units	NS	NS	NS	NA
Metals and Inorganics							
Dissolved Lead	15	1.5	µg/l	NS	NS	NS	NA
PVOC Parameters							
Benzene	5	0.5	µg/l	NS	NS	NS	< 0.31
Toluene	800	160	µg/l	NS	NS	NS	< 0.49
Ethylbenzene	700	140	µg/l	NS	NS	NS	< 0.33
Xylenes (mixed isomers)	2,000	400	µg/l	NS	NS	NS	< 0.66
Methyl tert-Butyl Ether (MTBE)	60	12	µg/l	NS	NS	NS	< 0.32
Trimethylbenzenes (mixed isomers)	480	96	µg/l	NS	NS	NS	< 0.34
Naphthalene	100	10	µg/l	NS	NS	NS	< 0.51
1,2-Dibromoethane	0.05	0.005	µg/l	NS	NS	NS	NA
1,2-Dichloroethane	5	0.5	µg/l	NS	NS	NS	NA

Notes:
All values are reported in µg/l (ppb), unless otherwise noted
ES = NR140.10 Enforcement Standards
PAL = NR140.10 Preventive Action Limits
NS = Not Sampled
NA = Not Analyzed
ES exceeded ----->
PAL exceeded ----->
* = Concentration between Limit of Detection and Limit of Quantitation, considered an estimate

BOLD
Italics

Top of Screen/Bottom of Screen (ft bls) 10-20

Table 3k
MW11
Summary of Groundwater Analytical Results
Former Kelly's Grand View
Grand View, Wisconsin

	ES	PAL	Date	15-Nov-05	21-Mar-06	26-Sep-06	14-Nov-07	8-Apr-08	3-Sep-08	24-Feb-09	8-Apr-09	5-May-09	29-Sep-09	12-Jan-10	12-May-10	16-Sep-10
			Units	NS	NS	< 0.60	NA	System Start-up	NS	< 0.60	System Switch to RW4	NA	NA	NS	2.6*	NS
Metals and Inorganics																
Dissolved Lead	15	1.5	µg/l	NS	NS	< 0.60	NA	System Start-up	NS	< 0.60	System Switch to RW4	NA	NA	NS	2.6*	NS
PVOC Parameters																
Benzene	5	0.5	µg/l	NS	NS	< 0.31	< 0.20	System Start-up	NS	< 0.20	System Switch to RW4	< 0.20	< 0.20	NS	< 0.41	NS
Toluene	800	160	µg/l	NS	NS	< 0.40	< 0.40	at	NS	< 0.40	Only	< 0.40	< 0.40	NS	< 0.67	NS
Ethylbenzene	700	140	µg/l	NS	NS	< 0.50	< 0.20	RW1, RW2 and RW3	NS	< 0.20		< 0.20	< 0.20	NS	< 0.54	NS
Xylenes (mixed isomers)	2,000	400	µg/l	NS	NS	< 0.62	< 0.40		NS	< 0.40		< 0.40	< 0.40	NS	< 0.83	NS
Methyl tert-Butyl Ether (MTBE)	60	12	µg/l	NS	NS	< 0.30	< 0.20		NS	< 0.20		< 0.20	< 0.20	NS	< 0.61	NS
Trimethylbenzenes (mixed isomers)	480	96	µg/l	NS	NS	< 0.40	< 0.20		NS	< 0.20		< 0.20	< 0.20	NS	< 0.97	NS
Naphthalene	100	10	µg/l	NS	NS	< 0.80	< 1.0		NS	< 1.0		< 1.0	< 1.0	NS	< 0.89	NS
1,2-Dibromoethane	0.05	0.005	µg/l	NS	NS	< 1.10	< 0.20		NS	< 0.20		< 0.20	< 0.20	NS	< 0.56	NS
1,2-Dichloroethane	5	0.5	µg/l	NS	NS	< 0.40	< 0.20		NS	< 0.20		< 0.20	< 0.20	NS	< 0.36	NS

	ES	PAL	Date	11-Jan-11	26-Apr-11	15-Sep-11	7-Feb-12	8-May-12	25-Sep-12	18-Jun-13	13-Oct-14	14-Oct-14	3-Feb-15	15-Jun-15	19-Aug-15	31-Aug-16
			Units	NS	NS	NS	NS	NS	System Turned Off	NS	Clay Cap Installed	NS	NS	NS	NS	NS
Metals and Inorganics																
Dissolved Lead	15	1.5	µg/l	NS <td>NS</td> <td>NS</td> <td>NS</td> <td>NS</td> <td>System Turned Off</td> <td>NS</td> <td>Clay Cap Installed</td> <td>NS</td> <td>NS</td> <td>NS</td> <td>NS</td> <td>NS</td>	NS	NS	NS	NS	System Turned Off	NS	Clay Cap Installed	NS	NS	NS	NS	NS
PVOC Parameters																
Benzene	5	0.5	µg/l	NS	NS	NS	NS	NS	System Turned Off	NS	Clay Cap Installed	NS	NS	NS	NS	NS
Toluene	800	160	µg/l	NS	NS	NS	NS	NS	System Turned Off	NS	Clay Cap Installed	NS	NS	NS	NS	NS
Ethylbenzene	700	140	µg/l	NS	NS	NS	NS	NS	System Turned Off	NS	Clay Cap Installed	NS	NS	NS	NS	NS
Xylenes (mixed isomers)	2,000	400	µg/l	NS	NS	NS	NS	NS	PECEFA	NS		NS	NS	NS	NS	NS
Methyl tert-Butyl Ether (MTBE)	60	12	µg/l	NS	NS	NS	NS	NS	Shutdown	NS		NS	NS	NS	NS	NS
Trimethylbenzenes (mixed isomers)	480	96	µg/l	NS	NS	NS	NS	NS		NS		NS	NS	NS	NS	NS
Naphthalene	100	10	µg/l	NS	NS	NS	NS	NS		NS		NS	NS	NS	NS	NS
1,2-Dibromoethane	0.05	0.005	µg/l	NS	NS	NS	NS	NS		NS		NS	NS	NS	NS	NS
1,2-Dichloroethane	5	0.5	µg/l	NS	NS	NS	NS	NS		NS		NS	NS	NS	NS	NS

	ES	PAL	Date	15-Feb-18	10-Apr-18	17-Jul-18	15-Nov-18
			Units	NS	NS	NS	NA
Metals and Inorganics							
Dissolved Lead	15	1.5	µg/l	NS	NS	NS	NA
PVOC Parameters							
Benzene	5	0.5	µg/l	NS	NS	NS	< 0.31
Toluene	800	160	µg/l	NS	NS	NS	< 0.49
Ethylbenzene	700	140	µg/l	NS	NS	NS	< 0.33
Xylenes (mixed isomers)	2,000	400	µg/l	NS	NS	NS	< 0.66
Methyl tert-Butyl Ether (MTBE)	60	12	µg/l	NS	NS	NS	< 0.32
Trimethylbenzenes (mixed isomers)	480	96	µg/l	NS	NS	NS	< 0.34
Naphthalene	100	10	µg/l	NS	NS	NS	< 0.51
1,2-Dibromoethane	0.05	0.005	µg/l	NS	NS	NS	NA
1,2-Dichloroethane	5	0.5	µg/l	NS	NS	NS	NA

Notes:
All values are reported in µg/l (ppb), unless otherwise noted
ES = NR140.10 Enforcement Standards
PAL = NR140.10 Preventive Action Limits
NS = Not Sampled
NA = Not Analyzed
ES exceeded ----->
PAL exceeded ----->
* = Concentration between Limit of Detection and Limit of Quantitation, considered an estimate

Top of Screen/Bottom of Screen (ft bls) 9-19

BOLD
Italics

Table 31
OW1
Summary of Groundwater Analytical Results
Former Kelly's Grand View
Grand View, Wisconsin

Metals and Inorganics	ES	PAL	Date	15-Nov-05	21-Mar-06	26-Sep-06	14-Nov-07	8-Apr-08	3-Sep-08	24-Feb-09	8-Apr-09	5-May-09	29-Sep-09	12-Jan-10	12-May-10	16-Sep-10
				Units	Units	Units	Units	Units	Units	Units	Units	Units	Units	Units	Units	Units
Dissolved Lead	15	1.5	mg/l	<0.40	<0.40	<0.60	NA		< 16	< 0.60		NA	NA	< 0.60	3.0*	2.3*
PVOC Parameters								System			System					
Benzene	5	0.5	µg/l	0.77*	<0.41	<0.31	<0.20	Start-up	<0.20	<0.20	Switch	<0.20	<0.20	<0.31	<0.41	<0.41
Toluene	800	160	µg/l	1.4*	<0.67	<0.30	<0.40	at	<0.40	<0.40	to RW4	<0.40	<0.40	<0.37	<0.67	<0.67
Ethylbenzene	700	140	µg/l	<0.54	<0.54	<0.50	<0.40		<0.10	<0.10	Only	<0.10	<0.10	<0.54	<0.54	<0.54
Xylenes (mixed isomers)	2,000	400	µg/l	<1.8	<1.8	<0.62	<0.40	RW1, RW2 and RW3	<0.40	<0.40		<0.40	<0.40	<0.62	<1.8	<1.8
Methyl tert-Butyl Ether (MTBE)	60	12	µg/l	<0.61	<0.61	<0.30	<0.20		<0.20	<0.20		<0.20	<0.20	<0.30	<0.61	<0.61
Trimethylbenzenes (mixed isomers)	480	96	µg/l	<0.97	<1.8	<0.40	<0.40		<0.40	<0.40		<0.40	<0.40	<0.40	<0.97	<0.97
Naphthalene	100	10	µg/l	NA	<0.40	<1.0	<1.00		<1.00	<1.00		<1.00	<1.00	NA	<0.89	<0.89
1,2-Dibromoethane	0.05	0.005	µg/l	<0.56	<0.56	<1.1	<0.20		<0.20	<0.20		<0.20	<0.20	NA	<0.56	<0.56
1,2-Dichloroethane	5	0.5	µg/l	<0.36	<0.36	<0.40	<0.20		<0.20	<0.20		<0.20	<0.20	NA	<0.36	<0.36
Tetrachloroethane	5	0.5	µg/l	NA	NA	NA	NA		NA	2.23		2.24	2.22	NA	1.7	1.5

Metals and Inorganics	ES	PAL	Date	11-Jan-11	26-Apr-11	15-Sep-11	7-Feb-12	8-May-12	25-Sep-12	18-Jun-13	13-Oct-14	14-Oct-14	3-Feb-15	15-Jun-15	19-Aug-15	31-Aug-16
				Units	Units	Units	Units	Units	Units	Units	Units	Units	Units	Units	Units	Units
Dissolved Lead	15	1.5	mg/l	NA	NA	NA	NA	NA		NS		NS	NS	NS	NS	NS
PVOC Parameters									System		Clay					
Benzene	5	0.5	µg/l	<0.30	<0.41	<0.41	<0.41	<0.41	Turned	NS	Cap	NS	NS	NS	NS	NS
Toluene	800	160	µg/l	<0.40	<0.67	<0.67	<0.67	<0.67	Off	NS	Installed	NS	NS	NS	NS	NS
Ethylbenzene	700	140	µg/l	<0.20	<0.54	<0.54	<0.54	<0.54		NS		NS	NS	NS	NS	NS
Xylenes (mixed isomers)	2,000	400	µg/l	<0.40	<2.6	<2.6	<2.6	<2.6	PECEA	NS		NS	NS	NS	NS	NS
Methyl tert-Butyl Ether (MTBE)	60	12	µg/l	<1.0	<0.61	<0.61	<0.61	<0.61	Shutdown	NS		NS	NS	NS	NS	NS
Trimethylbenzenes (mixed isomers)	480	96	µg/l	<0.40	<0.97	<0.97	<0.97	<0.97		NS		NS	NS	NS	NS	NS
Naphthalene	100	10	µg/l	<0.10	<0.89	<0.89	<0.89	<0.89		NS		NS	NS	NS	NS	NS
1,2-Dibromoethane	0.05	0.005	µg/l	<0.30	NA	NA	NA	<0.56		NS		NS	NS	NS	NS	NS
1,2-Dichloroethane	5	0.5	µg/l	<0.40	<0.36	<0.36	<0.36	<0.36		NS		NS	NS	NS	NS	NS
Tetrachloroethane	5	0.5	µg/l	1.99	NA	NA	NA	1.0		NS		NS	NS	NS	NS	NS

Metals and Inorganics	ES	PAL	Date	15-Feb-18	10-Apr-18	17-Jul-18	15-Nov-18
				Units	Units	Units	Units
Dissolved Lead	15	1.5	mg/l	NS	NA	NS	NA
PVOC Parameters							
Benzene	5	0.5	µg/l	NS	<0.40	NS	<0.31
Toluene	800	160	µg/l	NS	<0.39	NS	<0.49
Ethylbenzene	700	140	µg/l	NS	<0.39	NS	<0.33
Xylenes (mixed isomers)	2,000	400	µg/l	NS	<0.80	NS	<0.66
Methyl tert-Butyl Ether (MTBE)	60	12	µg/l	NS	<0.48	NS	<0.32
Trimethylbenzenes (mixed isomers)	480	96	µg/l	NS	<0.42	NS	<0.34
Naphthalene	100	10	µg/l	NS	<0.42	NS	<0.51
1,2-Dibromoethane	0.05	0.005	µg/l	NS	NA	NS	NA
1,2-Dichloroethane	5	0.5	µg/l	NS	NA	NS	NA
Tetrachloroethane	5	0.5	µg/l	NS	NA	NS	NA

Notes:

All values are reported in µg/l (ppb), unless otherwise noted

ES = NR140.10 Enforcement Standards

PAL = NR140.10 Preventive Action Limits

NS= Not Sampled

NA= Not Analyzed

ES exceeded ----->

PAL exceeded ----->

* = Concentration between Limit of Detection and Limit of Quantitation, considered an estimate

BOLD

Italics

Table 3m
OW2

Summary of Groundwater Analytical Results
Former Kelly's Grand View
Grand View, Wisconsin

Metals and Inorganics	ES	PAL	Date	Units	15-Nov-08	21-Mar-06	26-Sep-06	14-Nov-07	8-Apr-08	3-Sep-08	24-Feb-08	8-Apr-09	5-May-09	29-Sep-09	12-Jan-10	12-May-10	16-Sep-10
					0.46*	0.42*	<0.60	NA	System	< 16	27.6	System	Product Only	Product Only	Product Only	Product Only	Product Only
Dissolved Lead	15	1.5		µg/l													
PVOC Parameters																	
Benzene	5	0.5	26	µg/l	34	51.20	71.80	Start-up at	48.9	48.9	< 20	System Switch to RW4	No	No	No	No	No
Toluene	800	160	4.1	µg/l	4.3	3.82	704		1,490	1,340	1,340	1,340	Water	Water	Water	Water	Water
Ethylbenzene	700	140	1.3*	µg/l	3.0	2.54	629		1,620	1,340	1,340	Only	Water	Water	Water	Water	Water
Xylenes (mixed isomers)	2,000	400	26.4	µg/l	39.1	33.67	2,894	RW1, RW2 and RW3	7,470	6,130	6,130						
Methyl tert-Butyl Ether (MTBE)	60	12	< 0.61	µg/l	< 0.61	< 0.30	< 20		< 5.0	< 5.0	< 5.0						
Trimethylbenzenes (mixed isomers)	480	96	14.4	µg/l	20.9	23.82	2,130		6,840	1,759	1,759						
Naphthalene	100	10	NA	µg/l	41	46.7	583		891	969	969						
1,2-Dibromoethane	0.05	0.005	< 0.36	µg/l	< 0.36	< 0.56	< 20		< 3.0	< 3.0	< 3.0						
1,2-Dichloroethane	5	0.5	< 0.36	µg/l	< 0.36	< 0.40	< 20		< 3.0	< 3.0	< 3.0						
1,2-Dibromo-3-chloropropane			NA	µg/l	NA	NA	NA		NA	196*	196*						
4-Isopropyltoluene			NA	µg/l	NA	NA	NA		NA	NA	NA						
Isopropylbenzene			NA	µg/l	NA	NA	NA		NA	NA	117						

Metals and Inorganics	ES	PAL	Date	Units	11-Jan-11	26-Apr-11	15-Sep-11	7-Feb-12	8-May-12	25-Sep-12	18-Jun-13	13-Oct-14	14-Oct-14	3-Feb-15	15-Jan-15	19-Aug-15	31-Aug-16
Dissolved Lead	15	1.5		µg/l	Product Only	Product Only	NA	NA	NA	System Turned Off	NA	Clay	NA	NA	NA	NA	NA
PVOC Parameters																	
Benzene	5	0.5	247	µg/l	315	247	315	247	194	194	131	Cap	83.5	75	74	76.3	64.8
Toluene	800	160	2,440	µg/l	3,130	2,440	3,130	2,440	2,020	2,020	910	Installed	380	346	327	336	287
Ethylbenzene	700	140	1,240	µg/l	1,130	1,240	1,130	1,240	1,180	926	926		921	867	900	819	357
Xylenes (mixed isomers)	2,000	400	6,530	µg/l	5,030	6,530	5,030	6,530	5,760	4,780	4,780	PECFA	4,750	4,770	5,410	4,760	4,280
Methyl tert-Butyl Ether (MTBE)	60	12	< 12.2	µg/l	< 12.2	< 12.2	< 12.2	< 12.2	< 12.2	Shutdown	14.9*		17.6	12.2*	12.9*	19.9*	19
Trimethylbenzenes (mixed isomers)	480	96	1,694	µg/l	1,694	2,022	1,694	2,022	1,719		1,662		1,639	1,839	2,276	1,902	1,856
Naphthalene	100	10	960	µg/l	876	960	876	960	944		937		868	856	967	872	777
1,2-Dibromoethane	0.05	0.005	< 7.2	µg/l	< 7.2	< 7.2	< 7.2	< 7.2	< 15		NA		NA	NA	NA	NA	NA
1,2-Dichloroethane	5	0.5	NA	µg/l	NA	NA	NA	NA	< 33.6		NA		NA	NA	NA	NA	NA
1,2-Dibromo-3-chloropropane			NA	µg/l	NA	NA	NA	NA	NA		NA		NA	NA	NA	NA	NA
4-Isopropyltoluene			NA	µg/l	NA	NA	NA	NA	NA		NA		NA	NA	NA	NA	NA
Isopropylbenzene			NA	µg/l	NA	NA	NA	NA	96.40		NA		NA	NA	NA	NA	NA

Metals and Inorganics	ES	PAL	Date	Units	15-Feb-18	10-Apr-18	17-Jul-18	6-Nov-18
Dissolved Lead	15	1.5		µg/l	NS	NA	NA	NA
PVOC Parameters								
Benzene	5	0.5	NS	µg/l	NS	35.9	37.5	40.1
Toluene	800	160	NS	µg/l	NS	94.3	101	76.8
Ethylbenzene	700	140	NS	µg/l	NS	64.1	57	38
Xylenes (mixed isomers)	2,000	400	NS	µg/l	NS	2,690	2,744	2,611
Methyl tert-Butyl Ether (MTBE)	60	12	NS	µg/l	NS	12.7*	10.8*	10.8*
Trimethylbenzenes (mixed isomers)	480	96	NS	µg/l	NS	1,659	1,820	1,525
Naphthalene	100	10	NS	µg/l	NS	565	511	498
1,2-Dibromoethane	0.05	0.005	NS	µg/l	NS	NA	NA	NA
1,2-Dichloroethane	5	0.5	NS	µg/l	NS	NA	NA	NA
1,2-Dibromo-3-chloropropane			NS	µg/l	NS	NA	NA	NA
4-Isopropyltoluene			NS	µg/l	NS	NA	NA	NA
Isopropylbenzene			NS	µg/l	NS	NA	NA	NA

Notes:
 All values are reported in µg/l (ppb), unless otherwise noted
 ES = NR140.10 Enforcement Standards
 PAL = NR140.10 Preventive Action Limits
 NS = Not Sampled
 NA = Not Analyzed
 ES exceeded ----->
 PAL exceeded ----->
 * = Concentration between Limit of Detection and Limit of Quantitation, considered an estimate

Table 3a
OW3

Summary of Groundwater Analytical Results
Former Kelly's Grand View
Grand View, Wisconsin

	Date	15-Nov-05	21-Mar-06	26-Sep-06	14-Nov-07	8-Apr-08	3-Sep-08	24-Feb-09	8-Apr-09	15-Nov-05	5-May-09	29-Sep-09	12-Jan-10	12-May-10	16-Sep-10	29-Sep-09	12-Jan-10
Metals and Inorganics																	
Dissolved Lead	ES	1.5	<0.40	<0.60	NA	System	< 16	< 0.60	System	0.53*	NA	NA	< 0.60	< 1.7	2.0*	NA	< 0.60
PVOC Parameters																	
Benzene	5	0.5	7.80	5.56	9.07	Start-up	4.57	0.36*	Switch	17	0.22*	< 0.20	< 0.31	0.58*	< 0.41	< 0.20	< 0.31
Toluene	800	160	< 0.67	< 0.40	< 0.40	at	< 0.40	< 0.40	to RW4	2.3	< 0.40	< 0.40	< 0.37	< 0.67	< 0.67	< 0.40	< 0.37
Ethylbenzene	700	140	< 0.54	< 0.50	0.12*	RW1, RW2	< 0.20	< 0.20	Only	< 0.54	< 0.20	< 0.20	< 0.50	< 0.54	< 0.20	< 0.20	< 0.50
Xylenes (mixed isomers)	2,000	400	< 1.8	< 0.30	1.45	and RW3	< 0.60	< 0.60		< 1.8	< 0.60	< 0.60	< 0.62	< 1.8	< 1.8	< 0.60	< 0.62
Methyl tert-Butyl Ether (MTBE)	60	12	< 0.61	< 0.30	< 0.20		< 0.50	< 0.50		< 0.61	< 0.50	< 0.50	< 0.30	< 0.61	< 0.61	< 0.50	< 0.30
Trimethylbenzenes (mixed isomers)	480	96	< 0.97	< 1.8	0.56*		< 0.40	< 0.40		< 0.97	< 0.40	< 0.40	< 0.40	< 0.97	< 0.97	< 0.40	< 0.40
Naphthalene	100	10	NA	< 0.80	< 1.0		< 1.0	< 1.0		NA	< 1.0	< 1.0	NA	< 0.89	< 0.89	< 1.0	NA
1,2-Dibromoethane	0.05	0.005	< 0.36	< 1.1	< 0.20		< 0.30	< 0.30		< 0.56	< 0.30	< 0.30	NA	< 0.56	< 0.56	< 0.30	NA
1,2-Dichloroethane	5	0.5	< 0.36	< 0.40	< 0.20		< 0.30	< 0.30		< 0.36	< 0.30	< 0.30	NA	< 0.36	< 0.36	< 0.30	NA
Tetrachloroethane	5	0.5	NA	NA	NA		NA	NA		NA	0.34*	< 0.30	NA	< 0.45	< 0.45	< 0.30	NA
Propylbenzene			NA	NA	NA		NA	NA		NA	0.11*	< 0.10	NA	< 0.81	< 0.81	< 0.10	NA

	Date	12-May-10	16-Sep-10	11-Jan-11	26-Apr-11	15-Sep-11	7-Feb-12	8-May-12	25-Sep-12	18-Jun-13	13-Oct-14	14-Oct-14	3-Feb-15	15-Jun-15	19-Aug-15	31-Aug-16
Metals and Inorganics																
Dissolved Lead	ES	1.5	2.0*	NA	NA	NA	NA	NA	System	NS	NS	NS	NS	NS	NS	NS
PVOC Parameters																
Benzene	5	0.5	< 0.41	0.37*	< 0.41	< 0.41	< 0.41	< 0.41	Turned	NS	NS	NS	NS	NS	NS	NS
Toluene	800	160	< 0.67	< 0.40	< 0.67	< 0.67	< 0.67	< 0.67	Off	NS	NS	NS	NS	NS	NS	NS
Ethylbenzene	700	140	< 0.54	< 0.20	< 0.54	< 0.54	< 0.54	< 0.54	Installed	NS	NS	NS	NS	NS	NS	NS
Xylenes (mixed isomers)	2,000	400	< 1.8	< 0.60	< 1.8	< 1.8	< 1.8	< 1.8	PECFA	NS	NS	NS	NS	NS	NS	NS
Methyl tert-Butyl Ether (MTBE)	60	12	< 0.61	< 0.50	< 0.61	< 0.61	< 0.61	< 0.61	Shutdown	NS	NS	NS	NS	NS	NS	NS
Trimethylbenzenes (mixed isomers)	480	96	< 0.97	< 0.40	< 0.97	< 0.97	< 0.97	< 0.97		NS	NS	NS	NS	NS	NS	NS
Naphthalene	100	10	< 0.89	< 1.0	< 0.89	< 0.89	< 0.89	< 0.89		NS	NS	NS	NS	NS	NS	NS
1,2-Dibromoethane	0.05	0.005	< 0.56	< 0.30	NA	NA	NA	< 0.56		NS	NS	NS	NS	NS	NS	NS
1,2-Dichloroethane	5	0.5	< 0.36	< 0.30	< 0.36	< 0.36	< 0.36	< 0.36		NS	NS	NS	NS	NS	NS	NS
Tetrachloroethane	5	0.5	< 0.45	0.88*	NA	NA	NA	< 0.45		NS	NS	NS	NS	NS	NS	NS
Propylbenzene			< 0.81	< 0.10	NA	NA	NA	< 0.81		NS	NS	NS	NS	NS	NS	NS

	Date	15-Feb-18	10-Apr-18	17-Jul-18	15-Nov-18
Metals and Inorganics					
Dissolved Lead	ES	1.5	NS	NA	NA
PVOC Parameters					
Benzene	5	0.5	NS	< 0.40	NS
Toluene	800	160	NS	< 0.39	NS
Ethylbenzene	700	140	NS	< 0.39	NS
Xylenes (mixed isomers)	2,000	400	NS	< 0.80	NS
Methyl tert-Butyl Ether (MTBE)	60	12	NS	< 0.48	NS
Trimethylbenzenes (mixed isomers)	480	96	NS	< 0.42	NS
Naphthalene	100	10	NS	< 0.42	NS
1,2-Dibromoethane	0.05	0.005	NS	NA	NS
1,2-Dichloroethane	5	0.5	NS	NA	NS
Tetrachloroethane	5	0.5	NS	NA	NS
Propylbenzene			NS	NA	NS

Notes:
 All values are reported in µg/l (ppb), unless otherwise noted
 ES = NRI140.10 Enforcement Standards
 PAL = NRI140.10 Preventive Action Limits
 NS= Not Sampled
 NA= Not Analyzed
 ES exceeded ----->
 PAL exceeded ----->
 * = Concentration between Limit of Detection and Limit of Quantitation, considered an estimate

Table 3o
OW4

Summary of Groundwater Analytical Results
Former Kelly's Grand View
Grand View, Wisconsin

	ES	PAL	Date	15-Nov-08	21-Mar-06	26-Sep-06	14-Nov-07	8-Apr-08	3-Sep-08	24-Feb-08	8-Apr-09	5-May-09	28-Sep-09	12-Jan-10	12-May-10	16-Sep-10
			Units	NA	NS	26.50	NA	System	< 16	3.83*	System	7.14	NA	Product Only	NA	Free Product
Metals and Inorganics																
Dissolved Lead	15	1.5	µg/l	NA	NS	26.50	NA	System	< 16	3.83*	System	7.14	NA	Product Only	NA	Free Product
PVOC Parameters																
Benzene	5	0.5	µg/l	9,200	NS	9,930	6,750	Start-up	2,860	1,730	Switch	2,330	1,660		782	
Toluene	800	160	µg/l	37,000	NS	38,600	34,200	at	23,800	18,700	to RW4	25,000	20,600	No	14,600	Not
Ethylbenzene	700	140	µg/l	3,400	NS	4,590	4,350	RW1, RW2	3,600	4,610	Only	4,580	3,940	Water	3,120	Sampled
Xylenes (mixed isomers)	2,000	400	µg/l	18,100	NS	19,880	21,090	and RW3	17,100	20,760		21,960	18,260		14,620	
Methyl tert-Butyl Ether (MTBE)	60	12	µg/l	< 150	NS	< 300	< 400		953*	< 500		< 500	< 500		< 122	
Trimethylbenzenes (mixed isomers)	480	96	µg/l	2,750	NS	6,110	5,730		4,860	4,100		5,820	3,417		2,943	
Naphthalene	100	10	µg/l	NA	NS	2,030	< 2,000		1,420*	1,710*		1,900*	< 1,000		772*	
1,2-Dibromoethane	0.05	0.005	µg/l	< 140	NS	< 1,100	< 400		< 300	< 300		< 300	< 300		< 112	
1,2-Dichloroethane	5	0.5	µg/l	< 90	NS	< 400	< 400		< 300	< 300		< 300	< 300		< 114	
Butylbenzene			µg/l	NA	NS	NA	NA		NA	1,060*		< 400	< 400		< 186	
Isopropylbenzene			µg/l	NA	NS	NA	NA		NA	174*		269*	140		< 118	
Styrene	100	10	µg/l	NA	NS	NA	NA		NA	176*		< 100	< 100		< 172	

	ES	PAL	Date	11-Jan-11	26-Apr-11	15-Sep-11	7-Feb-12	8-May-12	25-Sep-12	18-Jun-13	13-Oct-14	14-Oct-14	3-Feb-15	15-Jan-15	19-Aug-15	31-Aug-16
			Units	Free Product	Free Product	Free Product	Free Product	NA	System	NA	Clay	NA	NA	NA	NA	NA
Metals and Inorganics																
Dissolved Lead	15	1.5	µg/l	Free Product	Free Product	Free Product	Free Product	NA	System	NA	Clay	NA	NA	NA	NA	NA
PVOC Parameters																
Benzene	5	0.5	µg/l			868	1,100	1,190	Turned	1,230	Cap	1,540	1,820	1,880	1,470	1,410
Toluene	800	160	µg/l	Not Sampled	Not Sampled	14,300	14,700	12,200	Off	12,300	Installed	10,800	15,300	15,900	12,400	16,000
Ethylbenzene	700	140	µg/l	Sampled	Sampled	3,120	3,620	3,860		3,610		3,200	3,350	4,080	3,990	3,270
Xylenes (mixed isomers)	2,000	400	µg/l			14,190	16,900	17,440	PECFA	16,390		16,580	15,360	20,420	17,790	15,170
Methyl tert-Butyl Ether (MTBE)	60	12	µg/l			< 122	< 122	< 122	Shutdown	< 74.2		< 48.5	< 60.6	< 97.0	< 48.5	< 48.5
Trimethylbenzenes (mixed isomers)	480	96	µg/l			2,847	3,766	3,494		3,759		4,197	3,527	5,570	4,034	3,266
Naphthalene	100	10	µg/l			778*	996*	811*		1,180		973	801	1,510	1,190	887
1,2-Dibromoethane	0.05	0.005	µg/l			NA	NA	< 112		NA		NA	NA	NA	NA	NA
1,2-Dichloroethane	5	0.5	µg/l			< 72	< 72	< 72		NA		NA	NA	NA	NA	NA
Butylbenzene			µg/l			NA	NA	< 186		NA		NA	NA	NA	NA	NA
Isopropylbenzene			µg/l			NA	NA	126*		NA		NA	NA	NA	NA	NA
Styrene	100	10	µg/l			NA	NA	< 172		NA		NA	NA	NA	NA	NA

	ES	PAL	Date	15-Feb-18	10-Apr-18	17-Jul-18	6-Nov-18
			Units	NA	NA	NA	NA
Metals and Inorganics							
Dissolved Lead	15	1.5	µg/l	NA	NA	NA	NA
PVOC Parameters							
Benzene	5	0.5	µg/l	1,100	844	963	987
Toluene	800	160	µg/l	16,700	12,400	16,100	20,400
Ethylbenzene	700	140	µg/l	3,250	2,700	3,260	3,170
Xylenes (mixed isomers)	2,000	400	µg/l	15,850	13,930	14,520	15,650
Methyl tert-Butyl Ether (MTBE)	60	12	µg/l	< 48.5	< 32	< 32	< 32
Trimethylbenzenes (mixed isomers)	480	96	µg/l	3,294	2,777	2,853	3,035
Naphthalene	100	10	µg/l	735	663	720	690
1,2-Dibromoethane	0.05	0.005	µg/l	NA	NA	NA	NA
1,2-Dichloroethane	5	0.5	µg/l	NA	NA	NA	NA
Butylbenzene			µg/l	NA	NA	NA	NA
Isopropylbenzene			µg/l	NA	NA	NA	NA
Styrene	100	10	µg/l	NA	NA	NA	NA

Notes:

All values are reported in µg/l (ppb), unless otherwise noted
ES = NR140.10 Enforcement Standards
PAL = NR140.10 Preventive Action Limits
NS = Not Sampled
NA = Not Analyzed
ES exceeded ----->
PAL exceeded ----->
* = Concentration between Limit of Detection and Limit of Quantitation, considered an estimate

Top of Screen/Bottom of Screen (ft bls) 20.5-25.5

BOLD
<i>Italics</i>

* = Concentration between Limit of Detection and Limit of Quantitation, considered an estimate

Table 3p
OW5
Summary of Groundwater Analytical Results
Former Kelly's Grand View
Grand View, Wisconsin

	ES	PAL	Units	Date	15-Nov-05	21-Mar-06	26-Sep-06	14-Nov-07	8-Apr-08	3-Sep-08	24-Feb-09	8-Apr-09	5-May-09	29-Sep-09	12-May-10	16-Sep-10	11-Jan-11
Metals and Inorganics																	
Dissolved Lead	15	1.5	µg/l		0.55*	< 0.40	< 0.60	NA		< 16	< 0.60		NA	1.31	1.9*	1.9*	Under Snow
PVOC Parameters																	
Benzene	5	0.5	µg/l		300	290	189	95.1	System Start-up at	73	77.2	System Switch	116	27.6	31.3	159	Not Sampled
Toluene	800	160	µg/l		6.20	3.5*	4.95*	2.06*		3.82*	2.63*	to RW4	< 4.0	1.82*	< 0.67	9.6	Not Sampled
Ethylbenzene	700	140	µg/l		1.5*	< 1.4	3.81*	1.27*	RW1, RW2 and RW3	3.2*	1.99*	Only	4.92*	1.80*	1.4	18.3	Not Sampled
Xylenes (mixed isomers)	2,000	400	µg/l		3.6*	3.8*	7.99*	2.39*		12.45	1.24*		5.56*	4.94	< 1.8	26.7	Not Sampled
Methyl tert-Butyl Ether (MTBE)	60	12	µg/l		< 1.5	< 1.5	< 1.50	< 1.0		< 2.5	< 2.3		< 5.0	2.16	< 0.61	< 0.61	Not Sampled
Trimethylbenzenes (mixed isomers)	480	96	µg/l		< 4.5	< 4.5	< 3.55	< 1.0		6.82	4.44*		8.45*	< 0.40	< 0.97	3.3	Not Sampled
Naphthalene	100	10	µg/l		NA	< 1.8	< 4.00	< 5.0		22	< 5.0		< 1.0	NA	< 0.89	2.7*	Not Sampled
1,2-Dibromochloroethane	0.05	0.005	µg/l		< 1.4	< 1.4	< 2.00	< 1.0		< 1.5	< 1.3		< 3.0	NA	< 0.56	< 0.56	Not Sampled
1,2-Dichloroethane	5	0.5	µg/l		< 0.90	< 0.90	< 2.00	2.67*		< 1.5	< 1.5		< 3.0	NA	< 0.36	< 0.36	Not Sampled
Isopropylbenzene			µg/l		NA	NA	NA	NA		NA	3.75		5.78	NA	1.4	15	Not Sampled
Propylbenzene			µg/l		NA	NA	NA	NA		NA	1.44*		1.84*	NA	< 0.81	7.3	Not Sampled

	ES	PAL	Units	Date	28-Apr-11	15-Sep-11	7-Feb-12	8-May-12	25-Sep-12	18-Jun-13	13-Oct-14	14-Oct-14	3-Feb-15	15-Jun-15	19-Aug-15	1-Sep-16
Metals and Inorganics																
Dissolved Lead	15	1.5	µg/l		NA	NA	NA	NA					NA	NA	NA	NA
PVOC Parameters																
Benzene	5	0.5	µg/l		33.8	256	239	83.3	System Turned Off		Clay Cap Installed	15	48.1	36.2	57.3	65.1
Toluene	800	160	µg/l		1.7	37.3	46.4	16.1		Well Damaged			3.0	5.5	7.3	6.7
Ethylbenzene	700	140	µg/l		1.0	65.2	83.8	29.9					26.3	27.0	42.3	64.1
Xylenes (mixed isomers)	2,000	400	µg/l		9.0	74.2	77.7	27.5	PECFA Shutdown	Not Sampled			10.1	11.2	20.9	20.9
Methyl tert-Butyl Ether (MTBE)	60	12	µg/l		< 0.61	< 0.61	< 0.61	< 0.61					1.3	0.65*	3.4	2.0
Trimethylbenzenes (mixed isomers)	480	96	µg/l		< 0.97	16.1	19.9	7.3					4.6	3.3	8.9	12.4
Naphthalene	100	10	µg/l		< 0.89	12.2	8.4	5.3					2.3	2.6	3.8	3.4
1,2-Dibromochloroethane	0.05	0.005	µg/l		NA	NA	NA	< 0.56					NA	NA	NA	NA
1,2-Dichloroethane	5	0.5	µg/l		< 0.36	< 0.36	< 0.36	< 0.36					NA	NA	NA	NA
Isopropylbenzene			µg/l		NA	NA	NA	6.5					NA	NA	NA	NA
Propylbenzene			µg/l		NA	NA	NA	5.3					NA	NA	NA	NA

	ES	PAL	Units	Date	15-Feb-18	10-Apr-18	17-Jul-18	6-Nov-18
Metals and Inorganics								
Dissolved Lead	15	1.5	µg/l		NA	NA	NA	NA
PVOC Parameters								
Benzene	5	0.5	µg/l		53.2	< 0.40	< 0.31	4.7
Toluene	800	160	µg/l		6.5	< 0.39	< 0.49	< 0.49
Ethylbenzene	700	140	µg/l		78.9	< 0.39	< 0.33	7.2
Xylenes (mixed isomers)	2,000	400	µg/l		17.4	< 0.80	< 0.66	1.6*
Methyl tert-Butyl Ether (MTBE)	60	12	µg/l		1.4	< 0.48	< 0.32	< 0.32
Trimethylbenzenes (mixed isomers)	480	96	µg/l		8.1	< 0.42	< 0.34	0.66*
Naphthalene	100	10	µg/l		2.6	< 0.42	< 0.51	< 0.51
1,2-Dibromochloroethane	0.05	0.005	µg/l		NA	NA	NA	NA
1,2-Dichloroethane	5	0.5	µg/l		NA	NA	NA	NA
Isopropylbenzene			µg/l		NA	NA	NA	NA
Propylbenzene			µg/l		NA	NA	NA	NA

Notes:
All values are reported in µg/l (ppb), unless otherwise noted
ES = NRI 140.10 Enforcement Standards
PAL = NRI 140.10 Preventive Action Limits
NS = Not Sampled
NA = Not Analyzed
ES exceeded ----->
PAL exceeded ----->
* = Concentration between Limit of Detection and Limit of Quantitation, considered an estimate

Top of Screen/Bottom of Screen (ft bls) 38-48

Table 3q
OW6
Summary of Groundwater Analytical Results
Former Kelly's Grand View
Grand View, Wisconsin

	ES	PAL	Date	15-Nov-06	21-Mar-06	26-Sep-06	14-Nov-07	8-Apr-08	3-Sep-08	24-Feb-09	8-Apr-09	15-Nov-08	5-May-08	29-Sep-08	12-Jan-10	12-May-10	16-Sep-10
			Units														
Metals and Inorganics																	
Dissolved Lead	15	1.5	µg/l	0.81*	0.72*	<0.80	NA		<16	<0.80		0.81*	NA	NA	NS	5.3*	2.1*
PVOC Parameters																	
Benzene	5	0.5	µg/l	6.4*	<4.1	22	<10	System Start-up	<4.0	<10	System Switch	6.4*	<2.0	<10	NS	<0.82	<0.20
Toluene	800	160	µg/l	510	210	131	35.5*	at	90	29.5*	to RW4	510	<4.0	<20	NS	1.7*	37.6
Ethylbenzene	700	140	µg/l	1,600	1,100	842	361	RW1, RW2	701	213	Only	1,600	56.4	64.6	NS	38.9	361
Xylenes (mixed isomers)	2,000	400	µg/l	3,010	2,200	1,123.3	377.90	and RW3	799	233.7		3,070	26.22	23.3	NS	24	517
Methyl tert-Butyl Ether (MTBE)	60	12	µg/l	<6.1	<6.1	<6.0	<10		<10	<25		<6.1	<5.0	<25	NS	<1.2	<3.0
Triethylbenzenes (mixed isomers)	480	96	µg/l	1,350	970	1,028	1,033		904	833		1,350	612	674	NS	341.5	1,364
Naphthalene	100	10	µg/l	NA	380	315	209		230	70.2*		NA	21.5*	<50	NS	26	228
1,2-Dibromoethane	0.05	0.005	µg/l	<5.6	<5.6	<22	<10		<6.0	<15		<5.6	<3.0	<15	NS	<1.1	<2.8
1,2-Dichloroethane	5	0.5	µg/l	<3.6	<3.6	<8.0	<10		<6.0	<15		<3.6	<3.0	<15	NS	<0.72	<1.8
Butylbenzene			µg/l	NA	NA	NA	NA		NA	80.4		NA	<4.0	<20	NS	3.4*	14.9
Isopropylbenzene			µg/l	NA	NA	NA	NA		NA	50.7		NA	37.7	42.5	NS	28.3	78.5
Propylbenzene			µg/l	NA	NA	NA	NA		NA	113		NA	120	103	NS	77.5	210

	ES	PAL	Date	11-Jan-11	26-Apr-11	15-Sep-11	7-Feb-12	8-May-12	25-Sep-12	18-Jun-13	13-Oct-14	14-Oct-14	3-Feb-15	15-Jun-15	19-Aug-15	31-Aug-16
			Units													
Metals and Inorganics																
Dissolved Lead	15	1.5	µg/l	NA	NA	NA	NA	NA	System	NA	Clay	NA	NA	NA	NA	NA
PVOC Parameters																
Benzene	5	0.5	µg/l	<2.0	<2.0	<2.0	<2.0	<8.2	Turned	2.2*	Cap	<4.0	<4.0	3.3*	<4.0	<4.0
Toluene	800	160	µg/l	51.5	38.2	12.5	18.7	14.5*	OH	24.8	Installed	18.9	41.6	20.6	19.7	8.3*
Ethylbenzene	700	140	µg/l	505	626	488	462	431	201	262		414	262	323	287	799
Xylenes (mixed isomers)	2,000	400	µg/l	608.4	548	415.8	346	830.7	PECFA	316.3		97.5	336	373.3	220.2	531.2
Methyl tert-Butyl Ether (MTBE)	60	12	µg/l	<5.0	<3.0	<3.0	<3.0	<12.2	Shutdown	8.0		12.9	9.0*	10.6	16.5	18.1
Triethylbenzenes (mixed isomers)	480	96	µg/l	772	1,312	1,769	1,450	1,427	976	976		1,700	623	822	828	1,540
Naphthalene	100	10	µg/l	2,884	308	310	241	258	115	115		296	106	140	111	163
1,2-Dibromoethane	0.05	0.005	µg/l	<3.0	NA	NA	NA	<11.2	NA	NA		NA	NA	NA	NA	NA
1,2-Dichloroethane	5	0.5	µg/l	<3.0	<1.8	<1.8	<1.8	<7.2	NA	NA		NA	NA	NA	NA	NA
Butylbenzene			µg/l	NA	NA	NA	NA	74.8	NA	NA		NA	NA	NA	NA	NA
Isopropylbenzene			µg/l	95.1	NA	NA	NA	NA	NA	NA		NA	NA	NA	NA	NA
Propylbenzene			µg/l	250	NA	NA	NA	222	NA	NA		NA	NA	NA	NA	NA

	ES	PAL	Date	15-Feb-18	10-Apr-18	17-Jul-18	6-Nov-18
			Units				
Metals and Inorganics							
Dissolved Lead	15	1.5	µg/l	NA	NA	NS	NA
PVOC Parameters							
Benzene	5	0.5	µg/l	<4.0	<0.40	NS	<3.1
Toluene	800	160	µg/l	241	<0.39	NS	7.5*
Ethylbenzene	700	140	µg/l	610	<0.39	NS	181
Xylenes (mixed isomers)	2,000	400	µg/l	2,874	<0.80	NS	134.1
Methyl tert-Butyl Ether (MTBE)	60	12	µg/l	<4.8	<0.48	NS	10.4*
Triethylbenzenes (mixed isomers)	480	96	µg/l	807	<0.42	NS	1,474
Naphthalene	100	10	µg/l	263	<0.42	NS	133
1,2-Dibromoethane	0.05	0.005	µg/l	NA	NA	NS	NA
1,2-Dichloroethane	5	0.5	µg/l	NA	NA	NS	NA
Butylbenzene			µg/l	NA	NA	NS	NA
Isopropylbenzene			µg/l	NA	NA	NS	NA
Propylbenzene			µg/l	NA	NA	NS	NA

Notes:
All values are reported in µg/l (ppb), unless otherwise noted
ES = NR140.10 Enforcement Standards
PAL = NR140.10 Preventive Action Limits
NS= Not Sampled
NA= Not Analyzed
ES exceeded ----->
PAL exceeded ----->
* = Concentration between Limit of Detection and Limit of Quantitation, considered an estimate

BOLD
Italics

Top of Screen/Bottom of Screen (ft bis) 20-30

Table 3r
OW7
Summary of Groundwater Analytical Results
Former Kelly's Grand View
Grand View, Wisconsin

	ES	PAL	Date	Units	15-Nov-05		21-Mar-06		26-Sep-06		14-Nov-07		8-Apr-08		3-Sep-08		24-Feb-09		8-Apr-09		5-May-09		29-Sep-09		12-Jan-10		12-May-10		16-Sep-10		
					Free	Product	Free	Product	Free	Product	Free	Product	Free	Product	Free	Product	Free	Product	Free	Product	Free	Product	Free	Product	Free	Product	Free	Product	Free	Product	Free
Metals and Inorganics																															
Dissolved Lead	15	1.5		µg/l	Free	Product	Free	Product	Free	Product	Free	Product	Free	Product	Free	Product	Free	Product	Free	Product	Free	Product	Free	Product	Free	Product	Free	Product	Free	Product	
PVOC Parameters																															
Benzene	5	0.5		µg/l	in	Well	in	Well	in	Well	in	Well	in	Well	in	Well	in	Well	in	Well	in	Well	in	Well	in	Well	in	Well	in	Well	
Toluene	800	160		µg/l	Well	Well	Well	Well	Well	Well	Well	Well	Well	Well	Well	Well	Well	Well	Well	Well	Well	Well	Well	Well	Well	Well	Well	Well	Well	Well	
Ethylbenzene	700	140		µg/l	Never	Never	Never	Never	Never	Never	Never	Never	Never	Never	Never	Never	Never	Never	Never	Never	Never	Never	Never	Never	Never	Never	Never	Never	Never	Never	
Xylenes (mixed isomers)	2,000	400		µg/l	Encountered	Encountered	Encountered	Encountered	Encountered	Encountered	Encountered	Encountered	Encountered	Encountered	Encountered	Encountered	Encountered	Encountered	Encountered	Encountered	Encountered	Encountered	Encountered	Encountered	Encountered	Encountered	Encountered	Encountered	Encountered	Encountered	
Methyl tert-Butyl Ether (MTBE)	60	12		µg/l	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	
Trimethylbenzenes (mixed isomers)	480	96		µg/l	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	
Naphthalene	100	10		µg/l	Well	Well	Well	Well	Well	Well	Well	Well	Well	Well	Well	Well	Well	Well	Well	Well	Well	Well	Well	Well	Well	Well	Well	Well	Well	Well	
1,2-Dibromoethane	0.05	0.005		µg/l	Well	Well	Well	Well	Well	Well	Well	Well	Well	Well	Well	Well	Well	Well	Well	Well	Well	Well	Well	Well	Well	Well	Well	Well	Well	Well	
1,2-Dichloroethane	5	0.5		µg/l																											

	ES	PAL	Date	Units	11-Jan-11		26-Apr-11		15-Sep-11		7-Feb-12		8-May-12		29-Sep-12		18-Jun-13		13-Oct-14		14-Oct-14		3-Feb-15		15-Jun-15		19-Aug-15		31-Aug-16	
					Free	Product	Free	Product	Free	Product	Free	Product	Free	Product	Free	Product	Free	Product	Free	Product	Free	Product	Free	Product	Free	Product	Free	Product	Free	Product
Metals and Inorganics																														
Dissolved Lead	15	1.5		µg/l	Free	Product	Free	Product	Free	Product	Free	Product	Well	Dry	System	Turned	Free	Product	Clay	Cap	Free	Product	Free	Product	Free	Product	Free	Product	Free	
PVOC Parameters																														
Benzene	5	0.5		µg/l	in	Well	in	Well	in	Well	in	Well	Not	Sampled	Off	Well	in	Well	Installed	Well	Well	Well	Well	Well	Well	Well	Well	Well	Well	Well
Toluene	800	160		µg/l	Well	Well	Well	Well	Well	Well	Well	Well	Well	Well	Well	Well	Well	Well	Well	Well	Well	Well	Well	Well	Well	Well	Well	Well	Well	Well
Ethylbenzene	700	140		µg/l	Well	Well	Well	Well	Well	Well	Well	Well	Well	Well	Well	Well	Well	Well	Well	Well	Well	Well	Well	Well	Well	Well	Well	Well	Well	Well
Xylenes (mixed isomers)	2,000	400		µg/l	Well	Well	Well	Well	Well	Well	Well	Well	Well	Well	Well	Well	Well	Well	Well	Well	Well	Well	Well	Well	Well	Well	Well	Well	Well	Well
Methyl tert-Butyl Ether (MTBE)	60	12		µg/l	Well	Well	Well	Well	Well	Well	Well	Well	Well	Well	Well	Well	Well	Well	Well	Well	Well	Well	Well	Well	Well	Well	Well	Well	Well	Well
Trimethylbenzenes (mixed isomers)	480	96		µg/l	Well	Well	Well	Well	Well	Well	Well	Well	Well	Well	Well	Well	Well	Well	Well	Well	Well	Well	Well	Well	Well	Well	Well	Well	Well	Well
Naphthalene	100	10		µg/l	Well	Well	Well	Well	Well	Well	Well	Well	Well	Well	Well	Well	Well	Well	Well	Well	Well	Well	Well	Well	Well	Well	Well	Well	Well	Well
1,2-Dibromoethane	0.05	0.005		µg/l	Well	Well	Well	Well	Well	Well	Well	Well	Well	Well	Well	Well	Well	Well	Well	Well	Well	Well	Well	Well	Well	Well	Well	Well	Well	Well
1,2-Dichloroethane	5	0.5		µg/l																										

	ES	PAL	Date	Units	15-Feb-18		10-Apr-18		17-Jul-18		6-Nov-18	
					Free	Product	Free	Product	Free	Product	Free	Product
Metals and Inorganics												
Dissolved Lead	15	1.5		µg/l	Free	Product	Free	Product	Free	Product	Free	Product
PVOC Parameters												
Benzene	5	0.5		µg/l	in	Well	in	Well	18,600	15,100	NA	NA
Toluene	800	160		µg/l	Well	Well	Well	Well	42,000	34,600	NA	NA
Ethylbenzene	700	140		µg/l	Well	Well	Well	Well	4,740	3,070	NA	NA
Xylenes (mixed isomers)	2,000	400		µg/l	Never	Never	Never	Never	23,910	15,370	NA	NA
Methyl tert-Butyl Ether (MTBE)	60	12		µg/l	Encountered	Encountered	Encountered	Encountered	< 80	< 32	NA	NA
Trimethylbenzenes (mixed isomers)	480	96		µg/l	Water	Water	Water	Water	7,070	2,899	NA	NA
Naphthalene	100	10		µg/l	in	in	in	in	1,410	780	NA	NA
1,2-Dibromoethane	0.05	0.005		µg/l	Well	Well	Well	Well	NA	NA	NA	NA
1,2-Dichloroethane	5	0.5		µg/l	Well	Well	Well	Well	NA	NA	NA	NA

Notes:
 All values are reported in µg/l (ppb), unless otherwise noted
 ES = NR140.10 Enforcement Standards
 PAL = NR140.10 Preventive Action Limits
 NS = Not Sampled
 NA = Not Analyzed
 ES exceeded ----->
 PAL exceeded ----->
 * = Concentration between Limit of Detection and Limit of Quantitation, considered an estimate

BOLD
<i>Italics</i>

Top of Screen/Bottom of Screen (ft bis) 19-24

Table 3s
OW8
Summary of Groundwater Analytical Results
Former Kelly's Grand View
Grand View, Wisconsin

	ES	PAL	Units	Date	15-Nov-05	21-Mar-06	14-Nov-07	8-Apr-08	3-Sep-08	24-Feb-09	8-Apr-09	5-May-09	29-Sep-09	12-Jan-10	12-May-10	16-Sep-10
Metals and Inorganics																
Dissolved Lead	15	1.5	µg/l		100	78	64.9	NA	47*	49.4	System	32.6	NA	NA	Free Product	Free Product
PVOC Parameters																
Benzene	5	0.5	µg/l		16,000	15,000	12,900	11,100	8,990	10,600	System	9,750	81.8	13,100	in	in
Toluene	800	160	µg/l		30,000	28,000	33,000	32,500	33,600	34,600	at	36,100	< 4.0	59,800	Well	Well
Ethylbenzene	700	140	µg/l		2,100	2,400	3,400	2,800	2,410	3,070	Only	3,590	4.66*	12,600		
Xylenes (mixed isomers)	2,000	400	µg/l		12,300	12,200	15,900	14,830	12,710	15,230	RW1, RW2 and RW3	18,050	2.14*	58,900	Not	Not
Methyl tert-Butyl Ether (MTBE)	60	12	µg/l		< 150	< 240	< 300	< 200	< 500	< 500		< 500	< 5.0	3,170	Sampled	Sampled
Trimethylbenzenes (mixed isomers)	480	96	µg/l		2,030	2,450	6,240	4,230	3,700	2,442		8,600	< 2.0	31,590		
Naphthalene	100	10	µg/l		NA	890	2,570	1,280*	1,140*	1,730*		1,400*	< 10.0	NA		
1,2-Dibromoethane	0.05	0.005	µg/l		240*	< 220	< 1,100	< 200	< 300	< 300		< 300	< 3.0	NA		
1,1-Dichloroethylene	5	0.5	µg/l		< 90	< 140	< 400	233*	< 300	< 300		< 300	< 3.0	NA		
1,1-Dichloropropane			µg/l		NA	NA	NA	NA	NA	864*		< 400	< 8.0	NA		
Butylbenzene			µg/l		NA	NA	NA	NA	NA	760*		< 400	< 4.0	NA		
Chloroform	6	0.6	µg/l		NA	NA	NA	NA	NA	261*		< 200	< 2.0	NA		
Isopropylbenzene			µg/l		NA	NA	NA	NA	NA	160*		267	5.97	NA		

	ES	PAL	Units	Date	11-Jan-11	28-Apr-11	15-Sep-11	7-Feb-12	8-May-12	25-Sep-12	18-Jun-13	13-Oct-14	14-Oct-14	3-Feb-15	15-Jun-15	19-Aug-15	1-Sep-16
Metals and Inorganics																	
Dissolved Lead	15	1.5	µg/l		Free Product	Free Product	NA	NA	NA	System Turned Off	NA	Clay Cap	NA	NA	NS	NS	NA
PVOC Parameters																	
Benzene	5	0.5	µg/l		in	Well	3,950	3,280	3,930	3,630	3,630	Installed	2,530	2,170	2,280	NS	1,750
Toluene	800	160	µg/l		Well	Well	26,600	25,600	26,700	21,700	24,100	Installed	29,000	29,100	31,000	NS	26,900
Ethylbenzene	700	140	µg/l		Not	Not	2,510	2,320	2,170	2,770	2,770		3,220	2,670	3,370	NS	2,590
Xylenes (mixed isomers)	2,000	400	µg/l		Not	Not	13,650	13,000	12,480	16,390	16,390	PECPA	17,510	13,740	17,420	NS	13,350
Methyl tert-Butyl Ether (MTBE)	60	12	µg/l		Sampled	Sampled	< 122	< 122	< 122	< 92.8	< 92.8	Shutdown	< 97	< 97	< 121	NS	< 97
Trimethylbenzenes (mixed isomers)	480	96	µg/l		Sampled	Sampled	3,337	2,815	2,278	7,690	7,690		6,220	2,771	7,410	NS	2,936
Naphthalene	100	10	µg/l		NA	NA	1,440	1,190	927*	5,240	5,240		2,270	1,590	4,350	NS	1,430
1,2-Dibromoethane	0.05	0.005	µg/l		NA	NA	< 72	< 72	< 112	< 112	< 112		NA	NA	NA	NS	NA
1,1-Dichloroethylene	5	0.5	µg/l		NA	NA	< 72	< 72	< 72	< 72	< 72		NA	NA	NA	NS	NA
1,1-Dichloropropane			µg/l		NA	NA	NA	NA	< 160	NA	NA		NA	NA	NA	NS	NA
Butylbenzene			µg/l		NA	NA	NA	NA	< 188	NA	NA		NA	NA	NA	NS	NA
Chloroform	6	0.6	µg/l		NA	NA	NA	NA	< 260	NA	NA		NA	NA	NA	NS	NA
Isopropylbenzene			µg/l		NA	NA	NA	NA	< 118	NA	NA		NA	NA	NA	NS	NA

	ES	PAL	Units	Date	15-Feb-18	10-Apr-18	17-Jul-18	6-Nov-18
Metals and Inorganics								
Dissolved Lead	15	1.5	µg/l		NS	NA	NA	NA
PVOC Parameters								
Benzene	5	0.5	µg/l		NS	211	1,160	958
Toluene	800	160	µg/l		NS	6,840	23,300	20,600
Ethylbenzene	700	140	µg/l		NS	905	1,750	1,960
Xylenes (mixed isomers)	2,000	400	µg/l		NS	5,250	9,660	10,360
Methyl tert-Butyl Ether (MTBE)	60	12	µg/l		NS	< 24.2	< 80	< 32
Trimethylbenzenes (mixed isomers)	480	96	µg/l		NS	1,447	1,818	1,945
Naphthalene	100	10	µg/l		NS	445	729	711
1,2-Dibromoethane	0.05	0.005	µg/l		NS	NS	NA	NA
1,1-Dichloroethylene	5	0.5	µg/l		NS	NS	NA	NA
1,1-Dichloropropane			µg/l		NS	NS	NA	NA
Butylbenzene			µg/l		NS	NS	NA	NA
Chloroform	6	0.6	µg/l		NS	NS	NA	NA
Isopropylbenzene			µg/l		NS	NS	NA	NA

Notes:
 All values are reported in µg/l (ppb), unless otherwise noted
 ES = NR140.10 Enforcement Standards
 PAL = NR140.10 Preventive Action Limits
 NS = Not Sampled
 NA = Not Analyzed
 ES exceeded
 PAL exceeded
 * = Concentration between Limit of Detection and Limit of Quantitation, considered an estimate

Table 3t
PZ1

Summary of Groundwater Analytical Results
Former Kelly's Grand View
Grand View, Wisconsin

	ES	PAL	Date	19-Nov-08	21-Mar-08	26-Sep-08	14-Nov-07	8-Apr-08	3-Sep-08	24-Feb-09	8-Apr-09	5-May-09	29-Sep-09	12-Jan-10	12-May-10	16-Sep-10
				Units	Units	Units	Units	Units	Units	Units	Units	Units	Units	Units	Units	Units
Metals and Inorganics																
Dissolved Lead	15	1.5	µg/l	7.40	8.40	6.89	NA	System	< 16	6.17	System	3.65	NA	41.70	9.9	6.2*
PVOC Parameters																
Benzene	5	0.5	µg/l	23,000	21,000	23,000	23,200	Start-up	21,000	24,400	Switch	23,800	22,300	19,800	14,400	12,900
Toluene	800	160	µg/l	27,000	25,000	26,100	29,300	at	31,500	35,700	to RW4	36,800	30,700	25,100	18,400	17,100
Ethylbenzene	700	140	µg/l	2,200	2,200	2,460	3,110	RW1, RW2	2,580	3,180	Only	2,580	2,530	2,450	2,100	2,310
Xylenes (mixed isomers)	2,000	400	µg/l	10,800	10,200	10,290	15,380	and RW3	12,080	15,120		12,080	12,740	11,990	10,480	10,890
Methyl tert-Butyl Ether (MTBE)	60	12	µg/l	< 150	< 120	< 150	< 200		< 500	< 500		< 500	< 500	< 150	< 122	< 122
Trimethylbenzenes (mixed isomers)	480	96	µg/l	1,180	1,510	1,961	4,130		3,150	3,850		2,940	1,570	2,258	1,477	1,611
Naphthalene	100	10	µg/l	NA	480*	1,210*	2,410		5,420	1,030*		1,220*	< 1000	NA	566*	645*
1,2-Dibromoethane	0.05	0.005	µg/l	< 140	340*	< 550	< 200		< 300	< 300		< 300	< 2300	NA	< 112	< 112
1,2-Dichloroethane	5	0.5	µg/l	< 90	< 72	< 200	508		464*	771*		< 300	< 300	NA	< 114	< 72
Isopropylbenzene			µg/l	NA	NA	NA	NA		NA	155*		106*	< 100	NA	< 118	< 118

	ES	PAL	Date	11-Jan-11	26-Apr-11	15-Sep-11	7-Feb-12	8-May-12	18-Jun-12	13-Oct-14	14-Oct-14	3-Feb-15	15-Jun-15	19-Aug-15	31-Aug-16	
				Units	Units	Units	Units	Units	Units	Units	Units	Units	Units	Units	Units	Units
Metals and Inorganics																
Dissolved Lead	15	1.5	µg/l	NA	NA	NA	NA	NA	NA	Clay	NA	NA	NA	NA	NA	
PVOC Parameters																
Benzene	5	0.5	µg/l	16,300	13,100	10,300	9,480	10,000	8,650	Turned	System	9,570	7,400	8,080	9,320	7,410
Toluene	800	160	µg/l	16,500	15,800	12,000	13,200	13,400	15,200	Of	Cap	23,800	16,700	17,100	24,800	18,700
Ethylbenzene	700	140	µg/l	2,250	2,410	1,940	2,260	1,900	2,150	Installed		2,600	2,350	2,620	2,810	2,440
Xylenes (mixed isomers)	2,000	400	µg/l	10,030	10,800	8,650	10,000	9,800	9,600	PECFA		12,170	10,290	11,080	14,670	10,890
Methyl tert-Butyl Ether (MTBE)	60	12	µg/l	< 500	< 122	< 122	< 76.2	< 76.2	< 74.2	Shutdown		< 48.5	< 97	< 60.6	< 97	< 60.6
Trimethylbenzenes (mixed isomers)	480	96	µg/l	2,372	1,795	1,464	1,637	1,666	1,628			1,880	1,789	1,931	2,017	1,777
Naphthalene	100	10	µg/l	3,190	645*	529*	667	612*	655			688	653	732	708	696
1,2-Dibromoethane	0.05	0.005	µg/l	< 300	NA	NA	NA	< 70	NA			NA	NA	NA	NA	NA
1,2-Dichloroethane	5	0.5	µg/l	< 300	< 72	< 72	< 49	< 45	NA			NA	NA	NA	NA	NA
Isopropylbenzene			µg/l	< 200	NA	NA	NA	< 73.8	NA			NA	NA	NA	NA	NA

	ES	PAL	Date	15-Feb-18	10-Apr-18	17-Jul-18	6-Nov-18
				Units	Units	Units	Units
Metals and Inorganics							
Dissolved Lead	15	1.5	µg/l	NA	NA	NA	NA
PVOC Parameters							
Benzene	5	0.5	µg/l	7,290	7,380	7,320	8,490
Toluene	800	160	µg/l	18,800	20,200	20,900	27,400
Ethylbenzene	700	140	µg/l	2,580	2,520	2,680	2,220
Xylenes (mixed isomers)	2,000	400	µg/l	11,620	11,680	12,150	12,750
Methyl tert-Butyl Ether (MTBE)	60	12	µg/l	< 60.6	< 194	< 64	< 64
Trimethylbenzenes (mixed isomers)	480	96	µg/l	1,937	1,982	1,948	1,881
Naphthalene	100	10	µg/l	620	768	642	576
1,2-Dibromoethane	0.05	0.005	µg/l	NA	NA	NA	NA
1,2-Dichloroethane	5	0.5	µg/l	NA	NA	NA	NA
Isopropylbenzene			µg/l	NA	NA	NA	NA

53,317

Notes:
All values are reported in µg/l (ppb), unless otherwise noted
ES = NR140.10 Enforcement Standards
PAL = NR140.10 Preventive Action Limits
NS= Not Sampled
NA= Not Analyzed
ES exceeded ----->
PAL exceeded ----->
* = Concentration between Limit of Detection and Limit of Quantitation, considered an estimate

Top of Screen/Bottom of Screen (ft bls) 33-38

BOLD
Italics

Table 3u
PZZ

Summary of Groundwater Analytical Results
Former Kelly's Grand View
Grand View, Wisconsin

Metals and Inorganics	ES	PAL	Units	Date	15-Nov-05	21-Mar-06	26-Sep-06	14-Nov-07	8-Apr-08	3-Sep-08	24-Feb-09	8-Apr-09	5-May-09	29-Sep-09	12-Jan-10	12-May-10	16-Sep-10
				Units	< 0.40	< 0.40	< 0.60	NA	< 16	< 0.60	System	< 0.60	System	NA	NA	NA	< 0.60
Metals and Inorganics																	
Dissolved Lead	15	1.5	µg/l		< 0.40	< 0.40	< 0.60	NA	System	< 16	< 0.60	System	NA	NA	< 0.60	2.9*	1.9*
PVOC Parameters																	
Benzene	5	0.5	µg/l		1.10	16	57.30	0.82	System	9.92	4.46	System	0.57*	< 0.20	< 0.31	< 0.41	< 0.41
Toluene	800	160	µg/l		2.2*	< 0.67	< 1.5	< 0.40	Start-up at	< 0.40	< 0.40	Switch to RW4	< 0.40	< 0.40	< 0.37	< 0.67	< 0.67
Ethylbenzene	700	140	µg/l		< 0.54	< 0.54	3.07*	< 0.10	RW1, RW2 and RW3	< 0.20	< 0.20	Only	< 0.20	< 0.20	< 0.50	< 0.54	< 0.54
Xylenes (mixed isomers)	2,000	400	µg/l		9.3	< 1.80	15.39	< 0.40		0.35*	< 0.40		< 0.40	< 0.40	< 0.62	< 1.8	< 1.8
Methyl tert-Butyl Ether (MTBE)	60	12	µg/l		< 0.61	< 0.61	< 1.5	< 0.20		< 0.50	< 0.50		< 0.50	< 0.50	< 0.30	< 0.61	< 0.61
Trimethylbenzenes (mixed isomers)	480	96	µg/l		< 1.8	< 1.80	< 2.0	< 0.40		< 0.40	< 0.20		< 0.20	< 0.20	< 0.40	< 0.97	< 0.97
Naphthalene	100	10	µg/l		NA	< 0.74	< 4.0	< 1.0		< 1.0	< 1.0		< 1.0	< 1.0	NA	< 0.89	< 0.89
1,2-Dibromoethane	0.05	0.005	µg/l		< 0.56	< 0.56	< 5.5	< 0.20		< 0.30	< 0.30		< 0.30	< 0.30	NA	< 0.56	< 0.56
1,2-Dichloroethane	5	0.5	µg/l		3.80	3.80	< 2.0	2.85		2.38	2.98		2.69	2.74	NA	1.5	1.8
1,1-Dichloropropylene			µg/l		NA	NA	NA	NA		NA	0.80*		< 0.80	< 0.80	NA	< 0.75	< 0.75
Tetrachloroethene	5	0.5	µg/l		NA	NA	NA	NA		NA	1.38		1.28	1.27	NA	0.77*	1.1

Metals and Inorganics	ES	PAL	Units	Date	11-Jan-11	26-Apr-11	15-Sep-11	7-Feb-12	8-May-12	25-Sep-12	18-Jun-13	13-Oct-14	14-Oct-14	3-Feb-15	15-Jun-15	19-Aug-15	31-Aug-16
				Units	NA	NA	NA	NA	NA	NA	NA	NA	System	NS	Clay	NS	NS
Metals and Inorganics																	
Dissolved Lead	15	1.5	µg/l		NA	NA	NA	NA	NA	NA	NS		NS	NS	NS	NS	NS
PVOC Parameters																	
Benzene	5	0.5	µg/l		< 0.20	< 0.41	< 0.41	< 0.41	< 0.41	System	NS	Clay	NS	NS	NS	NS	NS
Toluene	800	160	µg/l		< 0.40	< 0.67	< 0.67	< 0.67	< 0.67	Turned Off	NS	Cap	NS	NS	NS	NS	NS
Ethylbenzene	700	140	µg/l		< 0.20	< 0.54	< 0.54	< 0.54	< 0.54		NS	Installed	NS	NS	NS	NS	NS
Xylenes (mixed isomers)	2,000	400	µg/l		< 0.40	< 1.8	< 1.8	< 1.8	< 1.8	PECFA	NS		NS	NS	NS	NS	NS
Methyl tert-Butyl Ether (MTBE)	60	12	µg/l		< 0.50	< 0.61	< 0.61	< 0.61	< 0.61	Shutdown	NS		NS	NS	NS	NS	NS
Trimethylbenzenes (mixed isomers)	480	96	µg/l		< 0.20	< 0.97	< 0.97	< 0.97	< 0.97		NS		NS	NS	NS	NS	NS
Naphthalene	100	10	µg/l		< 1.0	< 0.89	< 0.89	< 0.89	< 0.89		NS		NS	NS	NS	NS	NS
1,2-Dibromoethane	0.05	0.005	µg/l		< 0.30	NA	NA	NA	< 0.56		NS		NS	NS	NS	NS	NS
1,2-Dichloroethane	5	0.5	µg/l		2.77	2.9	NA	1.8	1.8		NS		NS	NS	NS	NS	NS
1,1-Dichloropropylene			µg/l		< 0.80	NA	NA	NA	< 0.75		NS		NS	NS	NS	NS	NS
Tetrachloroethene	5	0.5	µg/l		1.29	NA	NA	NA	0.96*		NS		NS	NS	NS	NS	NS

Metals and Inorganics	ES	PAL	Units	Date	15-Feb-18	10-Apr-18	17-Jul-18	6-Nov-18
				Units	NS	NA	NS	NA
Metals and Inorganics								
Dissolved Lead	15	1.5	µg/l		NS	NA	NS	NA
PVOC Parameters								
Benzene	5	0.5	µg/l		NS	3.2	NS	1.6
Toluene	800	160	µg/l		NS	< 0.39	NS	< 0.49
Ethylbenzene	700	140	µg/l		NS	< 0.39	NS	< 0.33
Xylenes (mixed isomers)	2,000	400	µg/l		NS	2.3	NS	0.72*
Methyl tert-Butyl Ether (MTBE)	60	12	µg/l		NS	< 0.48	NS	< 0.32
Trimethylbenzenes (mixed isomers)	480	96	µg/l		NS	0.51*	NS	< 0.34
Naphthalene	100	10	µg/l		NS	0.48*	NS	< 0.51
1,2-Dibromoethane	0.05	0.005	µg/l		NS	NA	NS	NA
1,2-Dichloroethane	5	0.5	µg/l		NS	NA	NS	NA
1,1-Dichloropropylene			µg/l		NS	NA	NS	NA
Tetrachloroethene	5	0.5	µg/l		NS	NA	NS	NA

Notes:
 All values are reported in µg/l (ppb), unless otherwise noted
 ES = NRI140.10 Enforcement Standards
 PAL = NRI140.10 Preventive Action Limits
 NS = Not Sampled
 NA = Not Analyzed
 ES exceeded ----->
 PAL exceeded ----->
 * = Concentration between Limit of Detection and Limit of Quantitation, considered an estimate

Top of Screen/Bottom of Screen (ft bbls) 55-60

BOLD
Italics

Table 3v
Temporary Wells/Recovery Wells
Summary of Groundwater Analytical Results
Former Kelly's Grand View
Grand View, Wisconsin

Sample Location			TW1		TW3	
			10-Apr-18	15-Nov-18	10-Apr-18	17-Jul-18
PVOC Parameters	ES	PAL	Date	Units		
Benzene	5	0.5	µg/l	< 0.40	< 0.31	3,350
Toluene	800	160	µg/l	< 0.39	0.53*	47,300
Ethylbenzene	700	140	µg/l	< 0.39	9.2	6,050
Xylenes (mixed isomers)	2,000	400	µg/l	< 0.80	< 0.66	28,140
Methyl tert-Butyl Ether (MTBE)	60	12	µg/l	< 0.48	< 0.32	< 242
Trimethylbenzenes (mixed isomers)	480	96	µg/l	< 0.42	8.4	9,950
Naphthalene	100	10	µg/l	< 0.42	< 0.51	2,790

Sample Location			RW1		RW2		RW3	
			10-Apr-18	15-Nov-18	10-Apr-18	15-Nov-18	10-Apr-18	15-Nov-18
PVOC Parameters	ES	PAL	Date	Units				
Benzene	5	0.5	µg/l	< 0.40	< 0.31	< 0.40	< 0.31	< 0.31
Toluene	800	160	µg/l	4.4	< 0.49	1.1	< 0.49	0.44*
Ethylbenzene	700	140	µg/l	16.1	< 0.33	22.6	< 0.33	4.8
Xylenes (mixed isomers)	2,000	400	µg/l	47.6	< 0.66	35.5	< 0.66	64
Methyl tert-Butyl Ether (MTBE)	60	12	µg/l	< 0.48	< 0.32	1.2	< 0.32	< 0.48
Trimethylbenzenes (mixed isomers)	480	96	µg/l	16.9	< 0.34	112.6	< 0.34	10.3
Naphthalene	100	10	µg/l	8.2	< 0.51	10.2	< 0.51	2.5

Sample Location			RW4		RW5	
			10-Apr-18	15-Nov-18	10-Apr-18	15-Nov-18
PVOC Parameters	ES	PAL	Date	Units		
Benzene	5	0.5	µg/l	9.8*	< 0.31	< 0.40
Toluene	800	160	µg/l	186	< 0.49	< 0.39
Ethylbenzene	700	140	µg/l	102	< 0.33	< 0.39
Xylenes (mixed isomers)	2,000	400	µg/l	1,296	< 0.66	< 0.80
Methyl tert-Butyl Ether (MTBE)	60	12	µg/l	< 4.8	< 0.32	< 0.48
Trimethylbenzenes (mixed isomers)	480	96	µg/l	762	< 0.34	< 0.42
Naphthalene	100	10	µg/l	104	< 0.51	< 0.42

Notes:

All values are reported in µg/l (ppb), unless otherwise noted

ES = NR140.10 Enforcement Standards

PAL = NR140.10 Preventive Action Limits

NS= Not Sampled

NA= Not Analyzed

ES exceeded ----->

PAL exceeded ----->

* = Concentration between Limit of Detection and Limit of Quantitation, considered an estimate

BOLD
<i>Italics</i>

**Table 3w
Potable Wells
Summary of Groundwater Analytical Results
Former Kelly's Grand View
Grand View, Wisconsin**

VOC Parameters	ES	PAL	Well Date	PW1 (on-site well)										
				20-Nov-07	12-May-10	18-Jun-13	14-Oct-14	3-Feb-15	15-Jun-15	19-Aug-15	31-Aug-16	17-Jul-18		
Benzene	5	0.5	µg/l	<0.20	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Ethylbenzene	700	140	µg/l	0.12	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Toluene	800	160	µg/l	<0.40	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total Trimethylbenzenes	480	96	µg/l	<0.40	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total Xylenes	2,000	400	µg/l	<1.00	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Methyl t-Butyl Ether (MTBE)	60	12	µg/l	<0.20	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chloromethane			µg/l	0.55	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,2-Dichloroethane	5	0.5	µg/l	<0.20	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

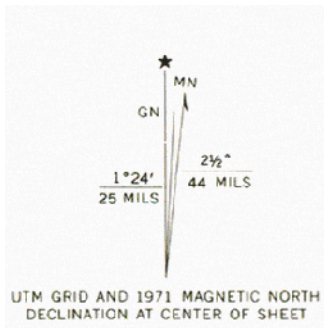
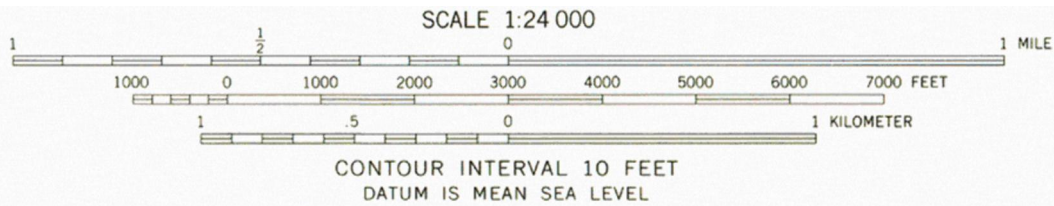
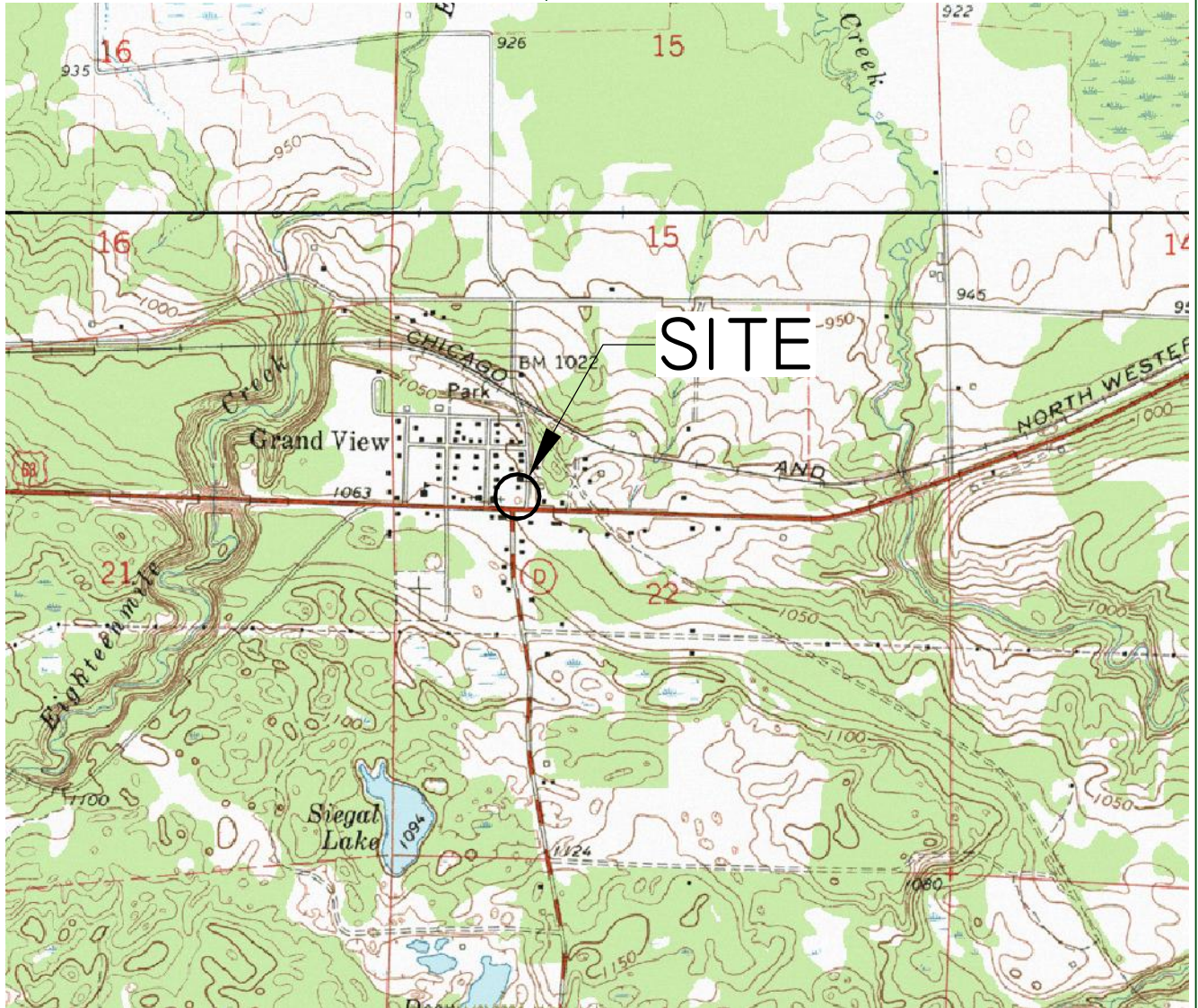
VOC Parameters	ES	PAL	Well Date	PW2 (Great Divide Christian Center)										
				20-Nov-07	12-May-10	18-Jun-13	14-Oct-14	3-Feb-15	15-Jun-15	19-Aug-15	31-Aug-16	17-Jul-18		
Benzene	5	0.5	µg/l	NS	<0.034	<0.50	NS	NS	<0.50	<0.50	<0.50	<0.50	<0.086	<0.12
Ethylbenzene	700	140	µg/l	NS	<0.051	<0.50	NS	NS	<0.50	<0.50	<0.50	<0.50	<0.051	<0.11
Toluene	800	160	µg/l	NS	<0.055	<0.44	NS	NS	<0.44	<0.44	<0.44	<0.44	<0.080	<0.078
Total Trimethylbenzenes	480	96	µg/l	NS	<0.042	<2.5	NS	NS	<2.5	<2.5	<2.5	<2.5	<0.083	<0.23
Total Xylenes	2,000	400	µg/l	NS	<0.073	<0.82	NS	NS	<0.82	<0.82	<0.82	<0.82	<0.073	<0.30
Methyl t-Butyl Ether (MTBE)	60	12	µg/l	NS	<0.036	<0.49	NS	NS	<0.49	<0.49	<0.49	<0.49	<0.058	<0.17
Chloromethane			µg/l	NS	<0.071	<0.39	NS	NS	<0.39	<0.39	<0.39	<0.39	<0.16	<0.15
1,2-Dichloroethane	5	0.5	µg/l	NS	<0.039	<0.48	NS	NS	<0.48	<0.48	<0.48	<0.48	<0.092	<0.13

VOC Parameters	ES	PAL	Well Date	PW3 (Choppers Bar)										
				20-Nov-07	12-May-10	18-Jun-13	14-Oct-14	3-Feb-15	15-Jun-15	19-Aug-15	31-Aug-16	17-Jul-18		
Benzene	5	0.5	µg/l	<0.20	<0.034	<0.50	<0.50	<0.50	NS	<0.50	<0.50	<0.50	<0.086	NS
Ethylbenzene	700	140	µg/l	0.11	<0.051	<0.50	<0.50	<0.50	NS	<0.50	<0.50	<0.50	<0.051	NS
Toluene	800	160	µg/l	<0.40	<0.055	<0.44	<0.44	<0.44	NS	<0.44	<0.44	<0.44	<0.080	NS
Total Trimethylbenzenes	480	96	µg/l	<0.20	<0.042	<2.5	<2.5	<2.5	NS	<2.5	<2.5	<2.5	<0.083	NS
Total Xylenes	2,000	400	µg/l	<1.00	<0.073	<0.82	<0.82	<0.82	NS	<0.82	<0.82	<0.82	<0.073	NS
Methyl t-Butyl Ether (MTBE)	60	12	µg/l	<0.20	<0.036	<0.49	<0.49	<0.49	NS	<0.49	<0.49	<0.49	<0.058	NS
Chloromethane			µg/l	0.61	<0.071	<0.39	<0.39	<0.39	NS	<0.39	<0.39	<0.39	<0.16	NS
1,2-Dichloroethane	5	0.5	µg/l	<0.20	<0.039	<0.48	<0.48	<0.48	NS	<0.48	<0.48	<0.48	<0.092	NS

VOC Parameters	ES	PAL	Well Date	54630					54635				
				31-Aug-16	17-Jul-18	31-Aug-16	17-Jul-18	17-Jul-18	31-Aug-16	17-Jul-18	17-Jul-18		
Benzene	5	0.5	µg/l	<0.086	<0.12	<0.086	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12
Ethylbenzene	700	140	µg/l	<0.051	<0.11	<0.051	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11
Toluene	800	160	µg/l	<0.080	<0.078	<0.080	<0.078	<0.078	<0.078	<0.078	<0.078	<0.078	<0.078
Total Trimethylbenzenes	480	96	µg/l	<0.083	<0.23	<0.083	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23
Total Xylenes	2,000	400	µg/l	<0.073	<0.30	<0.073	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30
Methyl t-Butyl Ether (MTBE)	60	12	µg/l	<0.058	<0.17	<0.058	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17
Chloromethane			µg/l	<0.16	<0.15	<0.16	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15
1,2-Dichloroethane	5	0.5	µg/l	<0.092	<0.13	<0.092	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13

Notes:
 All values are reported in µg/l (ppb), unless otherwise noted
 ES = NR140.10 Enforcement Standards
 PAL = NR140.10 Preventive Action Limits
 ES exceeded ----->
 PAL exceeded ----->
BOLD
Italics

NS= Not Sampled
 NA= Not Analyzed
 * = Concentration between Limit of Detection and Limit of Quantitation, considered an estimate



GRAND VIEW, WIS.
 SE/4 GRANDVIEW 15' QUADRANGLE
 N4615—W9100/7.5
 1971
 AMS 2776 I SE—SERIES V861



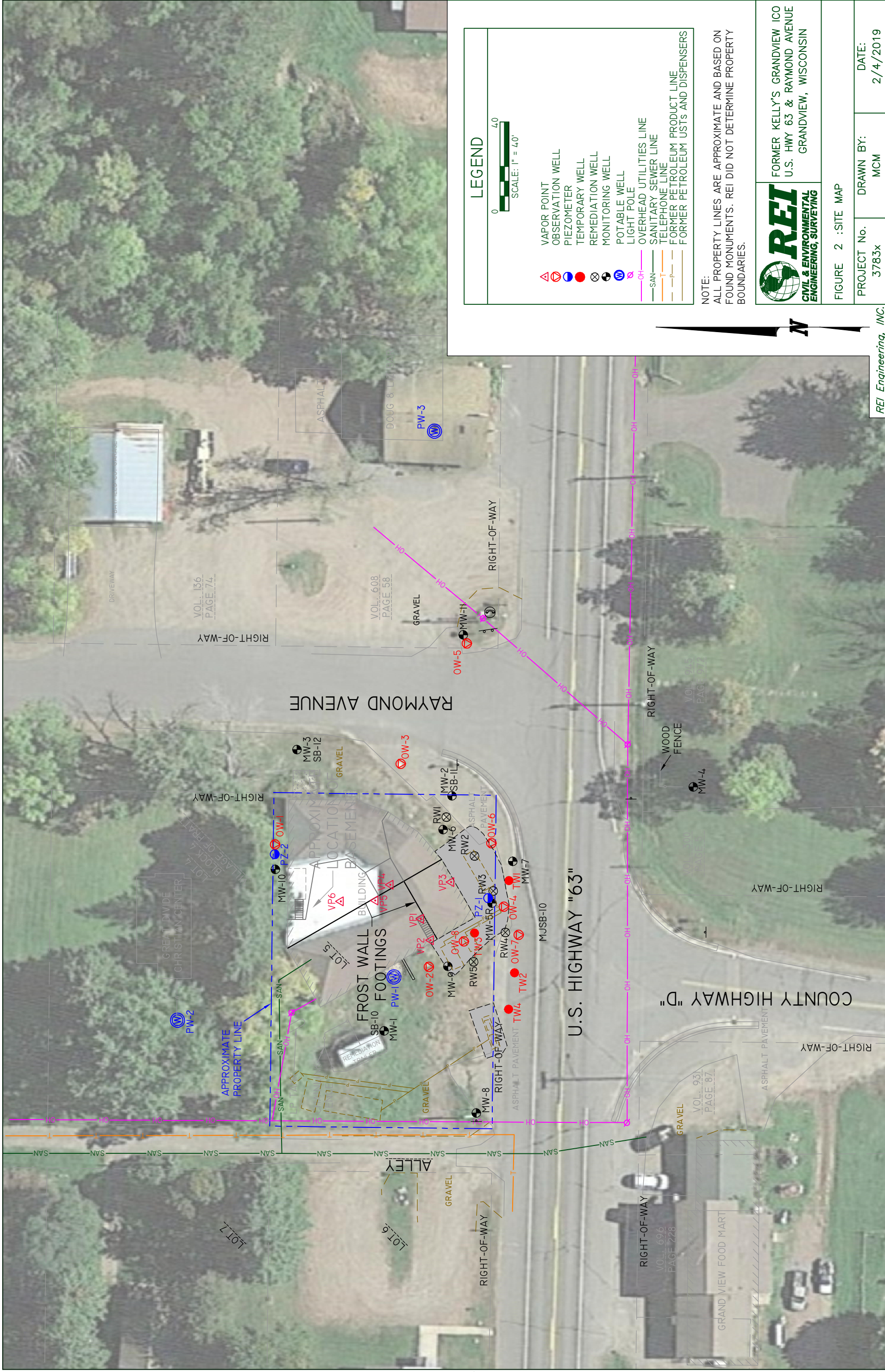
REI Engineering, INC.

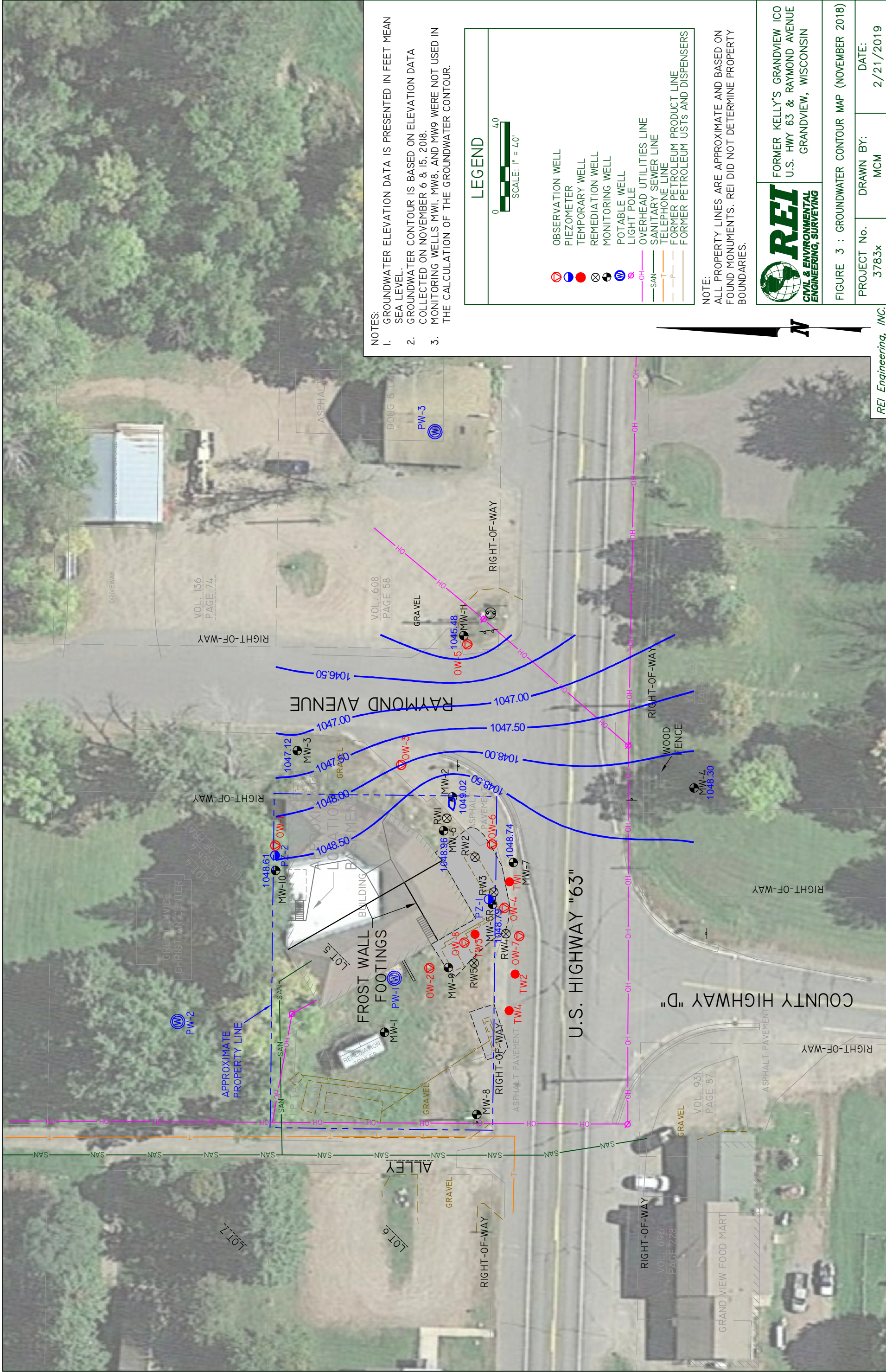
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FORMER KELLY'S GRANDVIEW ICO
 U.S. HWY 63 & RAYMOND AVENUE
 GRANDVIEW, WISCONSIN

FIGURE 1 : SITE VICINITY MAP

PROJECT NO.	DRAWN BY:	DATE:
3783X	MCM	2/4/2019





NOTES:

1. GROUNDWATER ELEVATION DATA IS PRESENTED IN FEET MEAN SEA LEVEL.
2. GROUNDWATER CONTOUR IS BASED ON ELEVATION DATA COLLECTED ON NOVEMBER 6 & 15, 2018.
3. MONITORING WELLS MW1, MW8, AND MW9 WERE NOT USED IN THE CALCULATION OF THE GROUNDWATER CONTOUR.

LEGEND

SCALE: 1" = 40'

- OBSERVATION WELL
- PIEZOMETER
- TEMPORARY WELL
- REMEDIATION WELL
- MONITORING WELL
- POTABLE WELL
- LIGHT POLE
- OVERHEAD UTILITIES LINE
- SANITARY SEWER LINE
- TELEPHONE LINE
- FORMER PETROLEUM PRODUCT LINE
- FORMER PETROLEUM USTs AND DISPENSERS

NOTE:
ALL PROPERTY LINES ARE APPROXIMATE AND BASED ON FOUND MONUMENTS. REI DID NOT DETERMINE PROPERTY BOUNDARIES.

REI
FORMER KELLY'S GRANDVIEW ICO
U.S. HWY 63 & RAYMOND AVENUE
GRANDVIEW, WISCONSIN

CIVIL & ENVIRONMENTAL ENGINEERING, SURVEYING

FIGURE 3 : GROUNDWATER CONTOUR MAP (NOVEMBER 2018)

PROJECT No. 3783x	DRAWN BY: MCM	DATE: 2/21/2019
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REI Engineering, INC.

APPENDIX A

COPIES OF LABORATORY ANALYTICAL RESULTS



July 25, 2018

DAVID LARSEN
REI
4080 NORTH 20TH AVENUE
Wausau, WI 54401

RE: Project: 3783 KELLY'S
Pace Project No.: 40172823

Dear DAVID LARSEN:

Enclosed are the analytical results for sample(s) received by the laboratory on July 20, 2018. The results relate only to the samples included in this report. Results reported herein conform to the most current, applicable TNI/NELAC standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

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

Sincerely,



Brian Basten
brian.basten@pacelabs.com
(920)469-2436
Project Manager

Enclosures



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: 3783 KELLY'S
Pace Project No.: 40172823

Minnesota Certification IDs

1700 Elm Street SE, Minneapolis, MN 55414-2485
A2LA Certification #: 2926.01
Alabama Certification #: 40770
Alaska Contaminated Sites Certification #: 17-009
Alaska DW Certification #: MN00064
Arizona Certification #: AZ0014
Arkansas DW Certification #: MN00064
Arkansas WW Certification #: 88-0680
California Certification #: 2929
CNMI Saipan Certification #: MP0003
Colorado Certification #: MN00064
Connecticut Certification #: PH-0256
EPA Region 8+Wyoming DW Certification #: via MN 027-053-137
Florida Certification #: E87605
Georgia Certification #: 959
Guam EPA Certification #: MN00064
Hawaii Certification #: MN00064
Idaho Certification #: MN00064
Illinois Certification #: 200011
Indiana Certification #: C-MN-01
Iowa Certification #: 368
Kansas Certification #: E-10167
Kentucky DW Certification #: 90062
Kentucky WW Certification #: 90062
Louisiana DEQ Certification #: 03086
Louisiana DW Certification #: MN00064
Maine Certification #: MN00064
Maryland Certification #: 322
Massachusetts Certification #: M-MN064
Michigan Certification #: 9909

Minnesota Certification #: 027-053-137
Minnesota Dept of Ag Certification #: via MN 027-053-137
Minnesota Petrofund Certification #: 1240
Mississippi Certification #: MN00064
Montana Certification #: CERT0092
Nebraska Certification #: NE-OS-18-06
Nevada Certification #: MN00064
New Hampshire Certification #: 2081
New Jersey Certification #: MN002
New York Certification #: 11647
North Carolina DW Certification #: 27700
North Carolina WW Certification #: 530
North Dakota Certification #: R-036
Ohio DW Certification #: 41244
Ohio VAP Certification #: CL101
Oklahoma Certification #: 9507
Oregon NwTPH Certification #: MN300001
Oregon Secondary Certification #: MN200001
Pennsylvania Certification #: 68-00563
Puerto Rico Certification #: MN00064
South Carolina Certification #:74003001
Tennessee Certification #: TN02818
Texas Certification #: T104704192
Utah Certification #: MN00064
Virginia Certification #: 460163
Washington Certification #: C486
West Virginia DW Certification #: 9952 C
West Virginia DEP Certification #: 382
Wisconsin Certification #: 999407970
Wyoming UST Certification #: 2926.01 via A2LA

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SAMPLE SUMMARY

Project: 3783 KELLY'S

Pace Project No.: 40172823

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40172823001	54665	Drinking Water	07/17/18 15:42	07/20/18 08:50

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: 3783 KELLY'S

Pace Project No.: 40172823

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40172823001	54665	EPA 524.2	AEZ	62	PASI-M

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ANALYTICAL RESULTS

Project: 3783 KELLY'S

Pace Project No.: 40172823

Sample: 54665 **Lab ID: 40172823001** Collected: 07/17/18 15:42 Received: 07/20/18 08:50 Matrix: Drinking Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
524.2 MSV		Analytical Method: EPA 524.2							
Benzene	<0.12	ug/L	0.41	0.12	1		07/23/18 14:37	71-43-2	
Bromobenzene	<0.23	ug/L	0.76	0.23	1		07/23/18 14:37	108-86-1	
Bromochloromethane	<0.30	ug/L	0.99	0.30	1		07/23/18 14:37	74-97-5	
Bromodichloromethane	<0.15	ug/L	0.50	0.15	1		07/23/18 14:37	75-27-4	
Bromoform	<0.86	ug/L	2.9	0.86	1		07/23/18 14:37	75-25-2	
Bromomethane	<0.62	ug/L	2.1	0.62	1		07/23/18 14:37	74-83-9	
n-Butylbenzene	<0.14	ug/L	0.47	0.14	1		07/23/18 14:37	104-51-8	
sec-Butylbenzene	<0.20	ug/L	0.68	0.20	1		07/23/18 14:37	135-98-8	
tert-Butylbenzene	<0.14	ug/L	0.46	0.14	1		07/23/18 14:37	98-06-6	
Carbon tetrachloride	<0.20	ug/L	0.67	0.20	1		07/23/18 14:37	56-23-5	
Chlorobenzene	<0.12	ug/L	0.40	0.12	1		07/23/18 14:37	108-90-7	
Chloroethane	<0.14	ug/L	0.47	0.14	1		07/23/18 14:37	75-00-3	
Chloroform	<0.31	ug/L	1.0	0.31	1		07/23/18 14:37	67-66-3	
Chloromethane	<0.15	ug/L	0.51	0.15	1		07/23/18 14:37	74-87-3	
2-Chlorotoluene	<0.086	ug/L	0.29	0.086	1		07/23/18 14:37	95-49-8	
4-Chlorotoluene	<0.093	ug/L	0.31	0.093	1		07/23/18 14:37	106-43-4	
1,2-Dibromo-3-chloropropane	<2.0	ug/L	6.5	2.0	1		07/23/18 14:37	96-12-8	N2
Dibromochloromethane	<0.24	ug/L	0.81	0.24	1		07/23/18 14:37	124-48-1	
1,2-Dibromoethane (EDB)	<0.17	ug/L	0.57	0.17	1		07/23/18 14:37	106-93-4	N2
Dibromomethane	<0.23	ug/L	0.76	0.23	1		07/23/18 14:37	74-95-3	
1,2-Dichlorobenzene	<0.18	ug/L	0.58	0.18	1		07/23/18 14:37	95-50-1	
1,3-Dichlorobenzene	<0.14	ug/L	0.46	0.14	1		07/23/18 14:37	541-73-1	
1,4-Dichlorobenzene	<0.086	ug/L	0.29	0.086	1		07/23/18 14:37	106-46-7	
Dichlorodifluoromethane	<0.26	ug/L	0.87	0.26	1		07/23/18 14:37	75-71-8	
1,1-Dichloroethane	<0.16	ug/L	0.55	0.16	1		07/23/18 14:37	75-34-3	
1,2-Dichloroethane	<0.13	ug/L	0.45	0.13	1		07/23/18 14:37	107-06-2	
1,1-Dichloroethene	<0.19	ug/L	0.62	0.19	1		07/23/18 14:37	75-35-4	
cis-1,2-Dichloroethene	<0.14	ug/L	0.46	0.14	1		07/23/18 14:37	156-59-2	
trans-1,2-Dichloroethene	<0.18	ug/L	0.59	0.18	1		07/23/18 14:37	156-60-5	
1,2-Dichloropropane	<0.19	ug/L	0.64	0.19	1		07/23/18 14:37	78-87-5	
1,3-Dichloropropane	<0.11	ug/L	0.35	0.11	1		07/23/18 14:37	142-28-9	N2
2,2-Dichloropropane	<0.16	ug/L	0.53	0.16	1		07/23/18 14:37	594-20-7	
1,1-Dichloropropene	<0.10	ug/L	0.35	0.10	1		07/23/18 14:37	563-58-6	
cis-1,3-Dichloropropene	<0.21	ug/L	0.69	0.21	1		07/23/18 14:37	10061-01-5	
trans-1,3-Dichloropropene	<0.24	ug/L	0.81	0.24	1		07/23/18 14:37	10061-02-6	
Ethylbenzene	<0.11	ug/L	0.36	0.11	1		07/23/18 14:37	100-41-4	
Hexachloro-1,3-butadiene	<0.28	ug/L	0.92	0.28	1		07/23/18 14:37	87-68-3	
Isopropylbenzene (Cumene)	<0.17	ug/L	0.57	0.17	1		07/23/18 14:37	98-82-8	
p-Isopropyltoluene	<0.21	ug/L	0.71	0.21	1		07/23/18 14:37	99-87-6	N2
Methylene Chloride	<0.97	ug/L	3.2	0.97	1		07/23/18 14:37	75-09-2	
Methyl-tert-butyl ether	<0.17	ug/L	0.56	0.17	1		07/23/18 14:37	1634-04-4	
Naphthalene	<0.18	ug/L	0.60	0.18	1		07/23/18 14:37	91-20-3	
n-Propylbenzene	<0.13	ug/L	0.44	0.13	1		07/23/18 14:37	103-65-1	
Styrene	<0.18	ug/L	0.59	0.18	1		07/23/18 14:37	100-42-5	
1,1,1,2-Tetrachloroethane	<0.12	ug/L	0.39	0.12	1		07/23/18 14:37	630-20-6	
1,1,2,2-Tetrachloroethane	<0.17	ug/L	0.56	0.17	1		07/23/18 14:37	79-34-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 3783 KELLY'S

Pace Project No.: 40172823

Sample: 54665 **Lab ID: 40172823001** Collected: 07/17/18 15:42 Received: 07/20/18 08:50 Matrix: Drinking Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
524.2 MSV		Analytical Method: EPA 524.2							
Tetrachloroethene	<0.17	ug/L	0.56	0.17	1		07/23/18 14:37	127-18-4	
Toluene	<0.078	ug/L	0.26	0.078	1		07/23/18 14:37	108-88-3	
1,2,3-Trichlorobenzene	<0.25	ug/L	0.83	0.25	1		07/23/18 14:37	87-61-6	
1,2,4-Trichlorobenzene	<0.19	ug/L	0.64	0.19	1		07/23/18 14:37	120-82-1	
1,1,1-Trichloroethane	<0.19	ug/L	0.62	0.19	1		07/23/18 14:37	71-55-6	
1,1,2-Trichloroethane	<0.19	ug/L	0.62	0.19	1		07/23/18 14:37	79-00-5	
Trichloroethene	<0.12	ug/L	0.39	0.12	1		07/23/18 14:37	79-01-6	
Trichlorofluoromethane	<0.21	ug/L	0.70	0.21	1		07/23/18 14:37	75-69-4	
1,2,3-Trichloropropane	<0.39	ug/L	1.3	0.39	1		07/23/18 14:37	96-18-4	
1,2,4-Trimethylbenzene	<0.23	ug/L	0.76	0.23	1		07/23/18 14:37	95-63-6	
1,3,5-Trimethylbenzene	<0.15	ug/L	0.49	0.15	1		07/23/18 14:37	108-67-8	N2
Vinyl chloride	<0.086	ug/L	0.29	0.086	1		07/23/18 14:37	75-01-4	
Xylene (Total)	<0.30	ug/L	1.0	0.30	1		07/23/18 14:37	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	103	%	75-125		1		07/23/18 14:37	460-00-4	
Toluene-d8 (S)	101	%	75-125		1		07/23/18 14:37	2037-26-5	
1,2-Dichloroethane-d4 (S)	83	%	75-125		1		07/23/18 14:37	17060-07-0	

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QUALITY CONTROL DATA

Project: 3783 KELLY'S

Pace Project No.: 40172823

QC Batch: 551960

Analysis Method: EPA 524.2

QC Batch Method: EPA 524.2

Analysis Description: 524.2 MSV

Associated Lab Samples: 40172823001

METHOD BLANK: 2999506

Matrix: Water

Associated Lab Samples: 40172823001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<0.12	0.39	07/23/18 12:47	
1,1,1-Trichloroethane	ug/L	<0.19	0.62	07/23/18 12:47	
1,1,2,2-Tetrachloroethane	ug/L	<0.17	0.56	07/23/18 12:47	
1,1,2-Trichloroethane	ug/L	<0.19	0.62	07/23/18 12:47	
1,1-Dichloroethane	ug/L	<0.16	0.55	07/23/18 12:47	
1,1-Dichloroethene	ug/L	<0.19	0.62	07/23/18 12:47	
1,1-Dichloropropene	ug/L	<0.10	0.35	07/23/18 12:47	
1,2,3-Trichlorobenzene	ug/L	<0.25	0.83	07/23/18 12:47	MN
1,2,3-Trichloropropane	ug/L	<0.39	1.3	07/23/18 12:47	
1,2,4-Trichlorobenzene	ug/L	<0.19	0.64	07/23/18 12:47	
1,2,4-Trimethylbenzene	ug/L	<0.23	0.76	07/23/18 12:47	MN
1,2-Dibromo-3-chloropropane	ug/L	<2.0	6.5	07/23/18 12:47	MN,N2
1,2-Dibromoethane (EDB)	ug/L	<0.17	0.57	07/23/18 12:47	N2
1,2-Dichlorobenzene	ug/L	<0.18	0.58	07/23/18 12:47	
1,2-Dichloroethane	ug/L	<0.13	0.45	07/23/18 12:47	
1,2-Dichloropropane	ug/L	<0.19	0.64	07/23/18 12:47	
1,3,5-Trimethylbenzene	ug/L	<0.15	0.49	07/23/18 12:47	MN,N2
1,3-Dichlorobenzene	ug/L	<0.14	0.46	07/23/18 12:47	
1,3-Dichloropropane	ug/L	<0.11	0.35	07/23/18 12:47	N2
1,4-Dichlorobenzene	ug/L	<0.086	0.29	07/23/18 12:47	
2,2-Dichloropropane	ug/L	<0.16	0.53	07/23/18 12:47	
2-Chlorotoluene	ug/L	<0.086	0.29	07/23/18 12:47	
4-Chlorotoluene	ug/L	<0.093	0.31	07/23/18 12:47	
Benzene	ug/L	<0.12	0.41	07/23/18 12:47	
Bromobenzene	ug/L	<0.23	0.76	07/23/18 12:47	
Bromochloromethane	ug/L	<0.30	0.99	07/23/18 12:47	
Bromodichloromethane	ug/L	<0.15	0.50	07/23/18 12:47	
Bromoform	ug/L	<0.86	2.9	07/23/18 12:47	
Bromomethane	ug/L	<0.62	2.1	07/23/18 12:47	
Carbon tetrachloride	ug/L	<0.20	0.67	07/23/18 12:47	
Chlorobenzene	ug/L	<0.12	0.40	07/23/18 12:47	
Chloroethane	ug/L	<0.14	0.47	07/23/18 12:47	
Chloroform	ug/L	<0.31	1.0	07/23/18 12:47	
Chloromethane	ug/L	<0.15	0.51	07/23/18 12:47	
cis-1,2-Dichloroethene	ug/L	<0.14	0.46	07/23/18 12:47	
cis-1,3-Dichloropropene	ug/L	<0.21	0.69	07/23/18 12:47	
Dibromochloromethane	ug/L	<0.24	0.81	07/23/18 12:47	
Dibromomethane	ug/L	<0.23	0.76	07/23/18 12:47	
Dichlorodifluoromethane	ug/L	<0.26	0.87	07/23/18 12:47	
Ethylbenzene	ug/L	<0.11	0.36	07/23/18 12:47	
Hexachloro-1,3-butadiene	ug/L	<0.28	0.92	07/23/18 12:47	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 3783 KELLY'S

Pace Project No.: 40172823

METHOD BLANK: 2999506

Matrix: Water

Associated Lab Samples: 40172823001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Isopropylbenzene (Cumene)	ug/L	<0.17	0.57	07/23/18 12:47	MN
Methyl-tert-butyl ether	ug/L	<0.17	0.56	07/23/18 12:47	
Methylene Chloride	ug/L	<0.97	3.2	07/23/18 12:47	
n-Butylbenzene	ug/L	<0.14	0.47	07/23/18 12:47	MN
n-Propylbenzene	ug/L	<0.13	0.44	07/23/18 12:47	
Naphthalene	ug/L	<0.18	0.60	07/23/18 12:47	
p-Isopropyltoluene	ug/L	<0.21	0.71	07/23/18 12:47	N2
sec-Butylbenzene	ug/L	<0.20	0.68	07/23/18 12:47	
Styrene	ug/L	<0.18	0.59	07/23/18 12:47	MN
tert-Butylbenzene	ug/L	<0.14	0.46	07/23/18 12:47	
Tetrachloroethene	ug/L	<0.17	0.56	07/23/18 12:47	
Toluene	ug/L	<0.078	0.26	07/23/18 12:47	
trans-1,2-Dichloroethene	ug/L	<0.18	0.59	07/23/18 12:47	
trans-1,3-Dichloropropene	ug/L	<0.24	0.81	07/23/18 12:47	
Trichloroethene	ug/L	<0.12	0.39	07/23/18 12:47	
Trichlorofluoromethane	ug/L	<0.21	0.70	07/23/18 12:47	
Vinyl chloride	ug/L	<0.086	0.29	07/23/18 12:47	
Xylene (Total)	ug/L	<0.30	1.0	07/23/18 12:47	
1,2-Dichloroethane-d4 (S)	%	85	75-125	07/23/18 12:47	
4-Bromofluorobenzene (S)	%	105	75-125	07/23/18 12:47	
Toluene-d8 (S)	%	101	75-125	07/23/18 12:47	

LABORATORY CONTROL SAMPLE: 2999507

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	20	21.2	106	70-130	
1,1,1-Trichloroethane	ug/L	20	19.5	97	70-130	
1,1,2,2-Tetrachloroethane	ug/L	20	29.0	145	70-130	CH,L3
1,1,2-Trichloroethane	ug/L	20	20.7	103	70-130	
1,1-Dichloroethane	ug/L	20	18.7	94	70-130	
1,1-Dichloroethene	ug/L	20	18.2	91	70-130	
1,1-Dichloropropene	ug/L	20	18.7	93	70-130	
1,2,3-Trichlorobenzene	ug/L	20	20.3	102	70-130	
1,2,3-Trichloropropane	ug/L	20	22.8	114	70-130	
1,2,4-Trichlorobenzene	ug/L	20	21.1	106	70-130	
1,2,4-Trimethylbenzene	ug/L	20	20.3	102	70-130	
1,2-Dibromo-3-chloropropane	ug/L	50	60.9	122	70-130	N2
1,2-Dibromoethane (EDB)	ug/L	20	21.4	107	70-130	N2
1,2-Dichlorobenzene	ug/L	20	21.2	106	70-130	
1,2-Dichloroethane	ug/L	20	17.2	86	70-130	
1,2-Dichloropropane	ug/L	20	21.3	107	70-130	
1,3,5-Trimethylbenzene	ug/L	20	20.5	102	70-130	N2
1,3-Dichlorobenzene	ug/L	20	22.0	110	70-130	
1,3-Dichloropropane	ug/L	20	21.1	105	70-130	N2

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QUALITY CONTROL DATA

Project: 3783 KELLY'S

Pace Project No.: 40172823

LABORATORY CONTROL SAMPLE: 2999507

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,4-Dichlorobenzene	ug/L	20	20.7	104	70-130	
2,2-Dichloropropane	ug/L	20	20.7	104	70-130	
2-Chlorotoluene	ug/L	20	22.2	111	70-130	
4-Chlorotoluene	ug/L	20	21.6	108	70-130	
Benzene	ug/L	20	18.1	91	70-130	
Bromobenzene	ug/L	20	21.2	106	70-130	
Bromochloromethane	ug/L	20	17.6	88	70-130	
Bromodichloromethane	ug/L	20	21.2	106	70-130	
Bromoform	ug/L	20	21.3	106	70-130	
Bromomethane	ug/L	20	17.0	85	70-130	
Carbon tetrachloride	ug/L	20	18.9	95	70-130	
Chlorobenzene	ug/L	20	21.1	105	70-130	
Chloroethane	ug/L	20	19.6	98	70-130	
Chloroform	ug/L	20	17.0	85	70-130	
Chloromethane	ug/L	20	17.1	85	70-130	
cis-1,2-Dichloroethene	ug/L	20	19.1	95	70-130	
cis-1,3-Dichloropropene	ug/L	20	20.9	104	70-130	
Dibromochloromethane	ug/L	20	20.9	104	70-130	
Dibromomethane	ug/L	20	20.1	100	70-130	
Dichlorodifluoromethane	ug/L	20	21.3	106	70-130	
Ethylbenzene	ug/L	20	21.9	109	70-130	
Hexachloro-1,3-butadiene	ug/L	20	23.3	117	70-130	
Isopropylbenzene (Cumene)	ug/L	20	20.5	103	70-130	
Methyl-tert-butyl ether	ug/L	20	18.9	95	70-130	
Methylene Chloride	ug/L	20	16.5	83	70-130	
n-Butylbenzene	ug/L	20	21.3	107	70-130	
n-Propylbenzene	ug/L	20	23.1	116	70-130	
Naphthalene	ug/L	20	19.5	98	70-130	
p-Isopropyltoluene	ug/L	20	21.1	105	70-130	N2
sec-Butylbenzene	ug/L	20	21.3	106	70-130	
Styrene	ug/L	20	20.3	101	70-130	
tert-Butylbenzene	ug/L	20	21.3	106	70-130	
Tetrachloroethene	ug/L	20	21.0	105	70-130	
Toluene	ug/L	20	20.0	100	70-130	
trans-1,2-Dichloroethene	ug/L	20	18.0	90	70-130	
trans-1,3-Dichloropropene	ug/L	20	20.7	104	70-130	
Trichloroethene	ug/L	20	18.4	92	70-130	
Trichlorofluoromethane	ug/L	20	17.8	89	70-130	
Vinyl chloride	ug/L	20	20.0	100	70-130	
Xylene (Total)	ug/L	60	66.4	111	70-130	
1,2-Dichloroethane-d4 (S)	%			87	75-125	
4-Bromofluorobenzene (S)	%			103	75-125	
Toluene-d8 (S)	%			100	75-125	

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QUALITY CONTROL DATA

Project: 3783 KELLY'S

Pace Project No.: 40172823

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:		3000822		3000823							
Parameter	Units	10440564001	MS	MSD	MS	MSD	MS	MSD	% Rec	Max	Qual
		Result	Spike Conc.	Spike Conc.	Result	Result	% Rec	% Rec	Limits	RPD	
1,1,1,2-Tetrachloroethane	ug/L	<0.50	20	20	18.4	18.9	92	95	70-130	3	20
1,1,1-Trichloroethane	ug/L	<0.50	20	20	18.0	20.1	90	100	70-130	11	20
1,1,2,2-Tetrachloroethane	ug/L	<0.50	20	20	25.1	25.9	124	128	70-130	3	20 CH
1,1,2-Trichloroethane	ug/L	<0.50	20	20	17.6	17.6	88	88	70-130	0	20
1,1-Dichloroethane	ug/L	<0.50	20	20	17.2	18.8	86	94	70-130	9	20
1,1-Dichloroethene	ug/L	<0.50	20	20	16.9	18.8	85	94	70-130	10	20
1,1-Dichloropropene	ug/L	<0.50	20	20	17.8	19.7	89	99	70-130	10	20
1,2,3-Trichlorobenzene	ug/L	<1.0	20	20	20.1	20.7	100	103	70-130	3	20
1,2,3-Trichloropropane	ug/L	<4.0	20	20	19.3	20.0	94	98	70-130	4	20
1,2,4-Trichlorobenzene	ug/L	<0.50	20	20	22.0	22.9	110	114	70-130	4	20
1,2,4-Trimethylbenzene	ug/L	207	20	20	216	226	47	93	70-130	4	20 M1
1,2-Dibromo-3-chloropropane	ug/L	<10.0	50	50	55.8	58.7	112	117	70-130	5	20 N2
1,2-Dibromoethane (EDB)	ug/L	<0.50	20	20	18.2	18.6	91	93	70-130	2	20 N2
1,2-Dichlorobenzene	ug/L	<0.50	20	20	18.7	20.2	93	101	70-130	8	20
1,2-Dichloroethane	ug/L	0.71	20	20	15.0	17.1	72	82	70-130	13	20
1,2-Dichloropropane	ug/L	<4.0	20	20	19.0	19.5	95	97	70-130	2	20
1,3,5-Trimethylbenzene	ug/L	97.3	20	20	110	115	65	89	70-130	4	20 M1,N2
1,3-Dichlorobenzene	ug/L	<0.50	20	20	19.0	20.7	95	104	70-130	9	20
1,3-Dichloropropane	ug/L	<0.50	20	20	17.9	18.0	90	90	70-130	0	20 N2
1,4-Dichlorobenzene	ug/L	<0.50	20	20	18.0	19.2	90	96	70-130	6	20
2,2-Dichloropropane	ug/L	<1.0	20	20	19.0	21.4	95	107	70-130	12	20
2-Chlorotoluene	ug/L	<0.50	20	20	21.0	24.2	105	121	70-130	14	20
4-Chlorotoluene	ug/L	<0.50	20	20	17.8	19.9	89	100	70-130	11	20
Benzene	ug/L	148	20	20	159	163	58	77	70-130	2	20 M1
Bromobenzene	ug/L	<0.50	20	20	18.4	19.9	92	100	70-130	8	20
Bromochloromethane	ug/L	<1.0	20	20	15.4	17.8	77	89	70-130	14	20
Bromodichloromethane	ug/L	<1.0	20	20	18.5	18.3	93	92	70-130	1	20
Bromoform	ug/L	<4.0	20	20	17.5	18.4	87	92	70-130	5	20
Bromomethane	ug/L	<4.0	20	20	16.2	22.0	81	110	70-130	30	20 R1
Carbon tetrachloride	ug/L	<1.0	20	20	17.1	19.5	86	97	70-130	13	20
Chlorobenzene	ug/L	<0.50	20	20	19.1	20.0	95	100	70-130	5	20
Chloroethane	ug/L	<1.0	20	20	19.2	21.4	92	103	70-130	11	20
Chloroform	ug/L	<1.0	20	20	14.6	15.9	73	79	70-130	9	20
Chloromethane	ug/L	<4.0	20	20	15.4	18.3	75	90	70-130	18	20
cis-1,2-Dichloroethene	ug/L	<0.50	20	20	17.0	18.5	85	92	70-130	8	20
cis-1,3-Dichloropropene	ug/L	<0.50	20	20	17.3	17.7	86	89	70-130	2	20
Dibromochloromethane	ug/L	<0.50	20	20	17.5	18.2	87	91	70-130	4	20
Dibromomethane	ug/L	<1.0	20	20	16.9	17.4	85	87	70-130	3	20
Dichlorodifluoromethane	ug/L	<1.0	20	20	19.7	22.5	99	112	70-130	13	20
Ethylbenzene	ug/L	173	20	20	201	205	137	156	70-130	2	20 M1
Hexachloro-1,3-butadiene	ug/L	<1.0	20	20	25.6	24.4	128	122	70-130	5	20
Isopropylbenzene (Cumene)	ug/L	22.5	20	20	42.1	44.8	98	111	70-130	6	20
Methyl-tert-butyl ether	ug/L	<0.50	20	20	15.6	17.9	78	90	70-130	14	20
Methylene Chloride	ug/L	<4.0	20	20	13.9	15.7	69	79	70-130	12	20 M1
n-Butylbenzene	ug/L	4.7	20	20	31.0	32.0	132	137	70-130	3	20 M1

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QUALITY CONTROL DATA

Project: 3783 KELLY'S

Pace Project No.: 40172823

Parameter	Units	3000822		3000823		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	RPD	Qual
		10440564001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result								
n-Propylbenzene	ug/L	26.7	20	20	48.8	51.2	110	123	70-130	5	20		
Naphthalene	ug/L	72.6	20	20	83.6	90.0	55	87	70-130	7	20	M1	
p-Isopropyltoluene	ug/L	8.3	20	20	31.2	32.8	115	123	70-130	5	20	N2	
sec-Butylbenzene	ug/L	5.2	20	20	25.2	26.3	100	105	70-130	4	20		
Styrene	ug/L	<1.0	20	20	19.2	20.7	94	101	70-130	7	20		
tert-Butylbenzene	ug/L	1.6	20	20	21.9	23.4	102	109	70-130	7	20		
Tetrachloroethene	ug/L	<0.50	20	20	19.4	20.7	97	103	70-130	6	20		
Toluene	ug/L	143	20	20	172	175	141	156	70-130	2	20	M1	
trans-1,2-Dichloroethene	ug/L	<0.50	20	20	16.7	18.1	83	90	70-130	8	20		
trans-1,3-Dichloropropene	ug/L	<0.50	20	20	17.2	17.8	86	89	70-130	3	20		
Trichloroethene	ug/L	<0.40	20	20	17.6	18.0	88	90	70-130	2	20		
Trichlorofluoromethane	ug/L	0.64	20	20	17.2	19.0	83	92	70-130	10	20		
Vinyl chloride	ug/L	<0.20	20	20	18.0	20.8	90	104	70-130	15	20		
Xylene (Total)	ug/L	1110	60	60	1210	1230	167	201	70-130	2	20	ES,MS	
1,2-Dichloroethane-d4 (S)	%						82	86	75-125				
4-Bromofluorobenzene (S)	%						106	108	75-125				
Toluene-d8 (S)	%						100	100	75-125				

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QUALIFIERS

Project: 3783 KELLY'S

Pace Project No.: 40172823

DEFINITIONS

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

ND - Not Detected at or above LOD.

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

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

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

S - Surrogate

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

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

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

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

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

TNI - The NELAC Institute.

LABORATORIES

PASI-M Pace Analytical Services - Minneapolis

ANALYTE QUALIFIERS

CH	The continuing calibration for this compound is outside of Pace Analytical acceptance limits. The results may be biased high.
ES	The reported result is estimated because one or more of the constituent results are qualified as such.
L3	Analyte recovery in the laboratory control sample (LCS) exceeded QC limits. Analyte presence below reporting limits in associated samples.
M1	Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.
MN	The reporting limit has been raised in accordance with Minnesota Statutes 4740.2100 Subpart 8. C, D. Reporting Limit Evaluation Rule.
MS	Analyte recovery in the matrix spike was outside QC limits for one or more of the constituent analytes used in the calculated result.
N2	The lab does not hold NELAC/TNI accreditation for this parameter.
R1	RPD value was outside control limits.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 3783 KELLY'S

Pace Project No.: 40172823

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40172823001	54665	EPA 524.2	551960		

REPORT OF LABORATORY ANALYSIS

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(Please Print Clearly)

Company Name: *Ret*

Branch/Location:

Project Contact: *David Larsen*

Phone: *75-675-9764*

Project Number: *3783*

Project Name: *Kelly's*

Project State: *WI*

Sampled By (Print): *David Larsen*

Sampled By (Sign): *[Signature]*

PO #:

Regulatory Program: *PCCFL*

Data Package Options
(billable)

EPA Level III

EPA Level IV

MS/MSD
(billable)

On your sample

NOT needed on your sample

Matrix Codes

A = Air
B = Biota
C = Charcoal
O = Oil
S = Soil
Sl = Sludge

W = Water
DW = Drinking Water
GW = Ground Water
SW = Surface Water
WW = Waste Water
WP = Wipe

PACE LAB #	CLIENT FIELD ID	COLLECTION		MATRIX
		DATE	TIME	
<i>001</i>	<i>5465</i>	<i>7/17/18</i>	<i>3:42</i>	<i>DW</i>

CHAIN OF CUSTODY

*Preservation Codes

A=None B=HCL C=H2SO4 D=HNO3 E=DI Water F=Methanol G=NaOH
H=Sodium Bisulfate Solution I=Sodium Thiosulfate J=Other

FILTERED? (YES/NO) *N*

PRESERVATION (CODE) *J*

Analyses Requested: *VAC 524-2*

Quote #: _____

Mail To Contact: _____

Mail To Company: _____

Mail To Address: _____

Invoice To Contact: _____

Invoice To Company: _____

Invoice To Address: _____

Invoice To Phone: _____

CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)	Profile #

Rush Turnaround Time Requested - Prelims (Rush TAT subject to approval/surcharge) Date Needed:	Relinquished By: <i>[Signature]</i> Date/Time: <i>7/19/18 @ 9:00AM</i>	Received By: _____ Date/Time: _____	PACE Project No. <i>40172823</i> Receipt Temp = <i>1.0</i> °C Sample Receipt pH OK / Adjusted Cooler Custody Seal Present / Not Present Intact / Not Intact
Transmit Prelim Rush Results by (complete what you want):	Relinquished By: <i>WALTO</i> Date/Time: <i>7/20/18 0850</i>	Received By: <i>[Signature]</i> Date/Time: <i>7/20/18 0850</i>	
Email #1:	Relinquished By: _____ Date/Time: _____	Received By: _____ Date/Time: _____	
Email #2:	Relinquished By: _____ Date/Time: _____	Received By: _____ Date/Time: _____	
Telephone:	Relinquished By: _____ Date/Time: _____	Received By: _____ Date/Time: _____	
Fax:	Relinquished By: _____ Date/Time: _____	Received By: _____ Date/Time: _____	
Samples on HOLD are subject to special pricing and release of liability			

Sample Preservation Receipt Form

Client Name: 221

Project # 40172523

All containers needing preservation have been checked and noted below: Yes No N/A

Lab Lot# of pH paper:

Lab Std #ID of preservation (if pH adjusted):

Initial when completed:

Date/Time:

Pace Lab #	Glass						Plastic						Vials				Jars			General			VOA Vials (>6mm) *	H2SO4 pH ≤2	NaOH+Zn Act pH ≥9	NaOH pH ≥12	HNO3 pH ≤2	pH after adjusted	Volume (mL)						
	AG1U	AG1H	AG4S	AG4U	AG5U	AG2S	BG3U	BP1U	BP2N	BP2Z	BP3U	BP3C	BP3N	BP3S	DG9A	DG9T	VG9U	VG9H	VG9M	VG9D	JGFU	WGFU								WPFU	SP5T	ZPLC	GN		
001																																			2.5 / 5 / 10
002																																			2.5 / 5 / 10
003																																			2.5 / 5 / 10
004																																			2.5 / 5 / 10
005																																			2.5 / 5 / 10
006																																			2.5 / 5 / 10
007																																			2.5 / 5 / 10
008																																			2.5 / 5 / 10
009																																			2.5 / 5 / 10
010																																			2.5 / 5 / 10
011																																			2.5 / 5 / 10
012																																			2.5 / 5 / 10
013																																			2.5 / 5 / 10
014																																			2.5 / 5 / 10
015																																			2.5 / 5 / 10
016																																			2.5 / 5 / 10
017																																			2.5 / 5 / 10
018																																			2.5 / 5 / 10
019																																			2.5 / 5 / 10
020																																			2.5 / 5 / 10

Exceptions to preservation check: VOA, Coliform, TOC, TOX, TOH, O&G, WI DRO, Phenolics, Other: _____ Headspace in VOA Vials (>6mm) : Yes No N/A *If yes look in headspace column

AG1U	1 liter amber glass	BP1U	1 liter plastic unpres	DG9A	40 mL amber ascorbic	JGFU	4 oz amber jar unpres
AG1H	1 liter amber glass HCL	BP2N	500 mL plastic HNO3	DG9T	40 mL amber Na Thio	WGFU	4 oz clear jar unpres
AG4S	125 mL amber glass H2SO4	BP2Z	500 mL plastic NaOH, Znact	VG9U	40 mL clear vial unpres	WPFU	4 oz plastic jar unpres
AG4U	120 mL amber glass unpres	BP3U	250 mL plastic unpres	VG9H	40 mL clear vial HCL		
AG5U	100 mL amber glass unpres	BP3C	250 mL plastic NaOH	VG9M	40 mL clear vial MeOH	SP5T	120 mL plastic Na Thiosulfate
AG2S	500 mL amber glass H2SO4	BP3N	250 mL plastic HNO3	VG9D	40 mL clear vial DI	ZPLC	ziploc bag
BG3U	250 mL clear glass unpres	BP3S	250 mL plastic H2SO4			GN:	



1241 Bellevue Street, Green Bay, WI 54302

Document Name:
Sample Condition Upon Receipt (SCUR)

Document No.:
F-GB-C-031-Rev.07

Document Revised: 25Apr2018

Issuing Authority:
Pace Green Bay Quality Office

Sample Condition Upon Receipt Form (SCUR)

Project #: **WO# : 40172823**

Client Name: R21
Courier: CS Logistics Fed Ex Speedee UPS Walco
 Client Pace Other: _____



Tracking #: 178 0087

Custody Seal on Cooler/Box Present: yes no Seals intact: yes no

Custody Seal on Samples Present: yes no Seals intact: yes no

Packing Material: Bubble Wrap Bubble Bags None Other

Thermometer Used SR - 22 Type of Ice: Wet Blue Dry None Samples on ice, cooling process has begun

Cooler Temperature Uncorr: 2.0 /Corr: 1.0

Temp Blank Present: yes no Biological Tissue is Frozen: yes no

Person examining contents:

Date: 7/19/18

Initials: JM

Temp should be above freezing to 6°C.
Biota Samples may be received at ≤ 0°C.

Chain of Custody Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	1.
Chain of Custody Filled Out:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	2. no pp H, mail / invoice info JM 7/20/18
Chain of Custody Relinquished:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	3.
Sampler Name & Signature on COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	4.
Samples Arrived within Hold Time:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	5.
- VOA Samples frozen upon receipt	<input type="checkbox"/> Yes <input type="checkbox"/> No	Date/Time:
Short Hold Time Analysis (<72hr):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	6.
Rush Turn Around Time Requested:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	7.
Sufficient Volume:		8.
For Analysis: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No MS/MSD: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A		
Correct Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	9.
-Pace Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
-Pace IR Containers Used:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Containers Intact:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	10.
Filtered volume received for Dissolved tests	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	11.
Sample Labels match COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	12.
-Includes date/time/ID/Analysis Matrix: <u>W</u>		
Trip Blank Present:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	13.
Trip Blank Custody Seals Present	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Pace Trip Blank Lot # (if purchased):		

Client Notification/ Resolution: _____ If checked, see attached form for additional comments
Person Contacted: _____ Date/Time: _____
Comments/ Resolution: _____

Project Manager Review: [Signature]

Date: 7-20-18

July 25, 2018

DAVID LARSEN
REI
4080 NORTH 20TH AVENUE
Wausau, WI 54401

RE: Project: 3783 KELLY'S
Pace Project No.: 40172824

Dear DAVID LARSEN:

Enclosed are the analytical results for sample(s) received by the laboratory on July 20, 2018. The results relate only to the samples included in this report. Results reported herein conform to the most current, applicable TNI/NELAC standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

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

Sincerely,



Brian Basten
brian.basten@pacelabs.com
(920)469-2436
Project Manager

Enclosures



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: 3783 KELLY'S

Pace Project No.: 40172824

Minnesota Certification IDs

1700 Elm Street SE, Minneapolis, MN 55414-2485

A2LA Certification #: 2926.01

Alabama Certification #: 40770

Alaska Contaminated Sites Certification #: 17-009

Alaska DW Certification #: MN00064

Arizona Certification #: AZ0014

Arkansas DW Certification #: MN00064

Arkansas WW Certification #: 88-0680

California Certification #: 2929

CNMI Saipan Certification #: MP0003

Colorado Certification #: MN00064

Connecticut Certification #: PH-0256

EPA Region 8+Wyoming DW Certification #: via MN 027-053-137

Florida Certification #: E87605

Georgia Certification #: 959

Guam EPA Certification #: MN00064

Hawaii Certification #: MN00064

Idaho Certification #: MN00064

Illinois Certification #: 200011

Indiana Certification #: C-MN-01

Iowa Certification #: 368

Kansas Certification #: E-10167

Kentucky DW Certification #: 90062

Kentucky WW Certification #: 90062

Louisiana DEQ Certification #: 03086

Louisiana DW Certification #: MN00064

Maine Certification #: MN00064

Maryland Certification #: 322

Massachusetts Certification #: M-MN064

Michigan Certification #: 9909

Minnesota Certification #: 027-053-137

Minnesota Dept of Ag Certification #: via MN 027-053-137

Minnesota Petrofund Certification #: 1240

Mississippi Certification #: MN00064

Montana Certification #: CERT0092

Nebraska Certification #: NE-OS-18-06

Nevada Certification #: MN00064

New Hampshire Certification #: 2081

New Jersey Certification #: MN002

New York Certification #: 11647

North Carolina DW Certification #: 27700

North Carolina WW Certification #: 530

North Dakota Certification #: R-036

Ohio DW Certification #: 41244

Ohio VAP Certification #: CL101

Oklahoma Certification #: 9507

Oregon NwTPH Certification #: MN300001

Oregon Secondary Certification #: MN200001

Pennsylvania Certification #: 68-00563

Puerto Rico Certification #: MN00064

South Carolina Certification #:74003001

Tennessee Certification #: TN02818

Texas Certification #: T104704192

Utah Certification #: MN00064

Virginia Certification #: 460163

Washington Certification #: C486

West Virginia DW Certification #: 9952 C

West Virginia DEP Certification #: 382

Wisconsin Certification #: 999407970

Wyoming UST Certification #: 2926.01 via A2LA

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: 3783 KELLY'S

Pace Project No.: 40172824

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40172824001	54635	Drinking Water	07/17/18 16:09	07/20/18 08:50

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: 3783 KELLY'S
Pace Project No.: 40172824

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40172824001	54635	EPA 524.2	AEZ	62	PASI-M

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 3783 KELLY'S

Pace Project No.: 40172824

Sample: 54635 **Lab ID: 40172824001** Collected: 07/17/18 16:09 Received: 07/20/18 08:50 Matrix: Drinking Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
524.2 MSV		Analytical Method: EPA 524.2							
Benzene	<0.12	ug/L	0.41	0.12	1		07/23/18 17:03	71-43-2	
Bromobenzene	<0.23	ug/L	0.76	0.23	1		07/23/18 17:03	108-86-1	
Bromochloromethane	<0.30	ug/L	0.99	0.30	1		07/23/18 17:03	74-97-5	
Bromodichloromethane	<0.15	ug/L	0.50	0.15	1		07/23/18 17:03	75-27-4	
Bromoform	<0.86	ug/L	2.9	0.86	1		07/23/18 17:03	75-25-2	
Bromomethane	<0.62	ug/L	2.1	0.62	1		07/23/18 17:03	74-83-9	
n-Butylbenzene	<0.14	ug/L	0.47	0.14	1		07/23/18 17:03	104-51-8	
sec-Butylbenzene	<0.20	ug/L	0.68	0.20	1		07/23/18 17:03	135-98-8	
tert-Butylbenzene	<0.14	ug/L	0.46	0.14	1		07/23/18 17:03	98-06-6	
Carbon tetrachloride	<0.20	ug/L	0.67	0.20	1		07/23/18 17:03	56-23-5	
Chlorobenzene	<0.12	ug/L	0.40	0.12	1		07/23/18 17:03	108-90-7	
Chloroethane	<0.14	ug/L	0.47	0.14	1		07/23/18 17:03	75-00-3	
Chloroform	<0.31	ug/L	1.0	0.31	1		07/23/18 17:03	67-66-3	
Chloromethane	<0.15	ug/L	0.51	0.15	1		07/23/18 17:03	74-87-3	
2-Chlorotoluene	<0.086	ug/L	0.29	0.086	1		07/23/18 17:03	95-49-8	
4-Chlorotoluene	<0.093	ug/L	0.31	0.093	1		07/23/18 17:03	106-43-4	
1,2-Dibromo-3-chloropropane	<2.0	ug/L	6.5	2.0	1		07/23/18 17:03	96-12-8	N2
Dibromochloromethane	<0.24	ug/L	0.81	0.24	1		07/23/18 17:03	124-48-1	
1,2-Dibromoethane (EDB)	<0.17	ug/L	0.57	0.17	1		07/23/18 17:03	106-93-4	N2
Dibromomethane	<0.23	ug/L	0.76	0.23	1		07/23/18 17:03	74-95-3	
1,2-Dichlorobenzene	<0.18	ug/L	0.58	0.18	1		07/23/18 17:03	95-50-1	
1,3-Dichlorobenzene	<0.14	ug/L	0.46	0.14	1		07/23/18 17:03	541-73-1	
1,4-Dichlorobenzene	<0.086	ug/L	0.29	0.086	1		07/23/18 17:03	106-46-7	
Dichlorodifluoromethane	<0.26	ug/L	0.87	0.26	1		07/23/18 17:03	75-71-8	
1,1-Dichloroethane	<0.16	ug/L	0.55	0.16	1		07/23/18 17:03	75-34-3	
1,2-Dichloroethane	<0.13	ug/L	0.45	0.13	1		07/23/18 17:03	107-06-2	
1,1-Dichloroethene	<0.19	ug/L	0.62	0.19	1		07/23/18 17:03	75-35-4	
cis-1,2-Dichloroethene	<0.14	ug/L	0.46	0.14	1		07/23/18 17:03	156-59-2	
trans-1,2-Dichloroethene	<0.18	ug/L	0.59	0.18	1		07/23/18 17:03	156-60-5	
1,2-Dichloropropane	<0.19	ug/L	0.64	0.19	1		07/23/18 17:03	78-87-5	
1,3-Dichloropropane	<0.11	ug/L	0.35	0.11	1		07/23/18 17:03	142-28-9	N2
2,2-Dichloropropane	<0.16	ug/L	0.53	0.16	1		07/23/18 17:03	594-20-7	
1,1-Dichloropropene	<0.10	ug/L	0.35	0.10	1		07/23/18 17:03	563-58-6	
cis-1,3-Dichloropropene	<0.21	ug/L	0.69	0.21	1		07/23/18 17:03	10061-01-5	
trans-1,3-Dichloropropene	<0.24	ug/L	0.81	0.24	1		07/23/18 17:03	10061-02-6	
Ethylbenzene	<0.11	ug/L	0.36	0.11	1		07/23/18 17:03	100-41-4	
Hexachloro-1,3-butadiene	<0.28	ug/L	0.92	0.28	1		07/23/18 17:03	87-68-3	
Isopropylbenzene (Cumene)	<0.17	ug/L	0.57	0.17	1		07/23/18 17:03	98-82-8	
p-Isopropyltoluene	<0.21	ug/L	0.71	0.21	1		07/23/18 17:03	99-87-6	N2
Methylene Chloride	<0.97	ug/L	3.2	0.97	1		07/23/18 17:03	75-09-2	
Methyl-tert-butyl ether	<0.17	ug/L	0.56	0.17	1		07/23/18 17:03	1634-04-4	
Naphthalene	<0.18	ug/L	0.60	0.18	1		07/23/18 17:03	91-20-3	
n-Propylbenzene	<0.13	ug/L	0.44	0.13	1		07/23/18 17:03	103-65-1	
Styrene	<0.18	ug/L	0.59	0.18	1		07/23/18 17:03	100-42-5	
1,1,1,2-Tetrachloroethane	<0.12	ug/L	0.39	0.12	1		07/23/18 17:03	630-20-6	
1,1,2,2-Tetrachloroethane	<0.17	ug/L	0.56	0.17	1		07/23/18 17:03	79-34-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 3783 KELLY'S

Pace Project No.: 40172824

Sample: 54635 **Lab ID: 40172824001** Collected: 07/17/18 16:09 Received: 07/20/18 08:50 Matrix: Drinking Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
524.2 MSV									
Analytical Method: EPA 524.2									
Tetrachloroethene	<0.17	ug/L	0.56	0.17	1		07/23/18 17:03	127-18-4	
Toluene	<0.078	ug/L	0.26	0.078	1		07/23/18 17:03	108-88-3	
1,2,3-Trichlorobenzene	<0.25	ug/L	0.83	0.25	1		07/23/18 17:03	87-61-6	
1,2,4-Trichlorobenzene	<0.19	ug/L	0.64	0.19	1		07/23/18 17:03	120-82-1	
1,1,1-Trichloroethane	<0.19	ug/L	0.62	0.19	1		07/23/18 17:03	71-55-6	
1,1,2-Trichloroethane	<0.19	ug/L	0.62	0.19	1		07/23/18 17:03	79-00-5	
Trichloroethene	<0.12	ug/L	0.39	0.12	1		07/23/18 17:03	79-01-6	
Trichlorofluoromethane	<0.21	ug/L	0.70	0.21	1		07/23/18 17:03	75-69-4	
1,2,3-Trichloropropane	<0.39	ug/L	1.3	0.39	1		07/23/18 17:03	96-18-4	
1,2,4-Trimethylbenzene	<0.23	ug/L	0.76	0.23	1		07/23/18 17:03	95-63-6	
1,3,5-Trimethylbenzene	<0.15	ug/L	0.49	0.15	1		07/23/18 17:03	108-67-8	N2
Vinyl chloride	<0.086	ug/L	0.29	0.086	1		07/23/18 17:03	75-01-4	
Xylene (Total)	<0.30	ug/L	1.0	0.30	1		07/23/18 17:03	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	102	%	75-125		1		07/23/18 17:03	460-00-4	
Toluene-d8 (S)	102	%	75-125		1		07/23/18 17:03	2037-26-5	
1,2-Dichloroethane-d4 (S)	90	%	75-125		1		07/23/18 17:03	17060-07-0	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 3783 KELLY'S
Pace Project No.: 40172824

QC Batch: 551960 Analysis Method: EPA 524.2
QC Batch Method: EPA 524.2 Analysis Description: 524.2 MSV
Associated Lab Samples: 40172824001

METHOD BLANK: 2999506 Matrix: Water
Associated Lab Samples: 40172824001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<0.12	0.39	07/23/18 12:47	
1,1,1-Trichloroethane	ug/L	<0.19	0.62	07/23/18 12:47	
1,1,2,2-Tetrachloroethane	ug/L	<0.17	0.56	07/23/18 12:47	
1,1,2-Trichloroethane	ug/L	<0.19	0.62	07/23/18 12:47	
1,1-Dichloroethane	ug/L	<0.16	0.55	07/23/18 12:47	
1,1-Dichloroethene	ug/L	<0.19	0.62	07/23/18 12:47	
1,1-Dichloropropene	ug/L	<0.10	0.35	07/23/18 12:47	
1,2,3-Trichlorobenzene	ug/L	<0.25	0.83	07/23/18 12:47	MN
1,2,3-Trichloropropane	ug/L	<0.39	1.3	07/23/18 12:47	
1,2,4-Trichlorobenzene	ug/L	<0.19	0.64	07/23/18 12:47	
1,2,4-Trimethylbenzene	ug/L	<0.23	0.76	07/23/18 12:47	MN
1,2-Dibromo-3-chloropropane	ug/L	<2.0	6.5	07/23/18 12:47	MN,N2
1,2-Dibromoethane (EDB)	ug/L	<0.17	0.57	07/23/18 12:47	N2
1,2-Dichlorobenzene	ug/L	<0.18	0.58	07/23/18 12:47	
1,2-Dichloroethane	ug/L	<0.13	0.45	07/23/18 12:47	
1,2-Dichloropropane	ug/L	<0.19	0.64	07/23/18 12:47	
1,3,5-Trimethylbenzene	ug/L	<0.15	0.49	07/23/18 12:47	MN,N2
1,3-Dichlorobenzene	ug/L	<0.14	0.46	07/23/18 12:47	
1,3-Dichloropropane	ug/L	<0.11	0.35	07/23/18 12:47	N2
1,4-Dichlorobenzene	ug/L	<0.086	0.29	07/23/18 12:47	
2,2-Dichloropropane	ug/L	<0.16	0.53	07/23/18 12:47	
2-Chlorotoluene	ug/L	<0.086	0.29	07/23/18 12:47	
4-Chlorotoluene	ug/L	<0.093	0.31	07/23/18 12:47	
Benzene	ug/L	<0.12	0.41	07/23/18 12:47	
Bromobenzene	ug/L	<0.23	0.76	07/23/18 12:47	
Bromochloromethane	ug/L	<0.30	0.99	07/23/18 12:47	
Bromodichloromethane	ug/L	<0.15	0.50	07/23/18 12:47	
Bromoform	ug/L	<0.86	2.9	07/23/18 12:47	
Bromomethane	ug/L	<0.62	2.1	07/23/18 12:47	
Carbon tetrachloride	ug/L	<0.20	0.67	07/23/18 12:47	
Chlorobenzene	ug/L	<0.12	0.40	07/23/18 12:47	
Chloroethane	ug/L	<0.14	0.47	07/23/18 12:47	
Chloroform	ug/L	<0.31	1.0	07/23/18 12:47	
Chloromethane	ug/L	<0.15	0.51	07/23/18 12:47	
cis-1,2-Dichloroethene	ug/L	<0.14	0.46	07/23/18 12:47	
cis-1,3-Dichloropropene	ug/L	<0.21	0.69	07/23/18 12:47	
Dibromochloromethane	ug/L	<0.24	0.81	07/23/18 12:47	
Dibromomethane	ug/L	<0.23	0.76	07/23/18 12:47	
Dichlorodifluoromethane	ug/L	<0.26	0.87	07/23/18 12:47	
Ethylbenzene	ug/L	<0.11	0.36	07/23/18 12:47	
Hexachloro-1,3-butadiene	ug/L	<0.28	0.92	07/23/18 12:47	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 3783 KELLY'S

Pace Project No.: 40172824

METHOD BLANK: 2999506

Matrix: Water

Associated Lab Samples: 40172824001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Isopropylbenzene (Cumene)	ug/L	<0.17	0.57	07/23/18 12:47	MN
Methyl-tert-butyl ether	ug/L	<0.17	0.56	07/23/18 12:47	
Methylene Chloride	ug/L	<0.97	3.2	07/23/18 12:47	
n-Butylbenzene	ug/L	<0.14	0.47	07/23/18 12:47	MN
n-Propylbenzene	ug/L	<0.13	0.44	07/23/18 12:47	
Naphthalene	ug/L	<0.18	0.60	07/23/18 12:47	
p-Isopropyltoluene	ug/L	<0.21	0.71	07/23/18 12:47	N2
sec-Butylbenzene	ug/L	<0.20	0.68	07/23/18 12:47	
Styrene	ug/L	<0.18	0.59	07/23/18 12:47	MN
tert-Butylbenzene	ug/L	<0.14	0.46	07/23/18 12:47	
Tetrachloroethene	ug/L	<0.17	0.56	07/23/18 12:47	
Toluene	ug/L	<0.078	0.26	07/23/18 12:47	
trans-1,2-Dichloroethene	ug/L	<0.18	0.59	07/23/18 12:47	
trans-1,3-Dichloropropene	ug/L	<0.24	0.81	07/23/18 12:47	
Trichloroethene	ug/L	<0.12	0.39	07/23/18 12:47	
Trichlorofluoromethane	ug/L	<0.21	0.70	07/23/18 12:47	
Vinyl chloride	ug/L	<0.086	0.29	07/23/18 12:47	
Xylene (Total)	ug/L	<0.30	1.0	07/23/18 12:47	
1,2-Dichloroethane-d4 (S)	%	85	75-125	07/23/18 12:47	
4-Bromofluorobenzene (S)	%	105	75-125	07/23/18 12:47	
Toluene-d8 (S)	%	101	75-125	07/23/18 12:47	

LABORATORY CONTROL SAMPLE: 2999507

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	20	21.2	106	70-130	
1,1,1-Trichloroethane	ug/L	20	19.5	97	70-130	
1,1,2,2-Tetrachloroethane	ug/L	20	29.0	145	70-130	CH,L3
1,1,2-Trichloroethane	ug/L	20	20.7	103	70-130	
1,1-Dichloroethane	ug/L	20	18.7	94	70-130	
1,1-Dichloroethene	ug/L	20	18.2	91	70-130	
1,1-Dichloropropene	ug/L	20	18.7	93	70-130	
1,2,3-Trichlorobenzene	ug/L	20	20.3	102	70-130	
1,2,3-Trichloropropane	ug/L	20	22.8	114	70-130	
1,2,4-Trichlorobenzene	ug/L	20	21.1	106	70-130	
1,2,4-Trimethylbenzene	ug/L	20	20.3	102	70-130	
1,2-Dibromo-3-chloropropane	ug/L	50	60.9	122	70-130	N2
1,2-Dibromoethane (EDB)	ug/L	20	21.4	107	70-130	N2
1,2-Dichlorobenzene	ug/L	20	21.2	106	70-130	
1,2-Dichloroethane	ug/L	20	17.2	86	70-130	
1,2-Dichloropropane	ug/L	20	21.3	107	70-130	
1,3,5-Trimethylbenzene	ug/L	20	20.5	102	70-130	N2
1,3-Dichlorobenzene	ug/L	20	22.0	110	70-130	
1,3-Dichloropropane	ug/L	20	21.1	105	70-130	N2

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QUALITY CONTROL DATA

Project: 3783 KELLY'S

Pace Project No.: 40172824

LABORATORY CONTROL SAMPLE: 2999507

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,4-Dichlorobenzene	ug/L	20	20.7	104	70-130	
2,2-Dichloropropane	ug/L	20	20.7	104	70-130	
2-Chlorotoluene	ug/L	20	22.2	111	70-130	
4-Chlorotoluene	ug/L	20	21.6	108	70-130	
Benzene	ug/L	20	18.1	91	70-130	
Bromobenzene	ug/L	20	21.2	106	70-130	
Bromochloromethane	ug/L	20	17.6	88	70-130	
Bromodichloromethane	ug/L	20	21.2	106	70-130	
Bromoform	ug/L	20	21.3	106	70-130	
Bromomethane	ug/L	20	17.0	85	70-130	
Carbon tetrachloride	ug/L	20	18.9	95	70-130	
Chlorobenzene	ug/L	20	21.1	105	70-130	
Chloroethane	ug/L	20	19.6	98	70-130	
Chloroform	ug/L	20	17.0	85	70-130	
Chloromethane	ug/L	20	17.1	85	70-130	
cis-1,2-Dichloroethene	ug/L	20	19.1	95	70-130	
cis-1,3-Dichloropropene	ug/L	20	20.9	104	70-130	
Dibromochloromethane	ug/L	20	20.9	104	70-130	
Dibromomethane	ug/L	20	20.1	100	70-130	
Dichlorodifluoromethane	ug/L	20	21.3	106	70-130	
Ethylbenzene	ug/L	20	21.9	109	70-130	
Hexachloro-1,3-butadiene	ug/L	20	23.3	117	70-130	
Isopropylbenzene (Cumene)	ug/L	20	20.5	103	70-130	
Methyl-tert-butyl ether	ug/L	20	18.9	95	70-130	
Methylene Chloride	ug/L	20	16.5	83	70-130	
n-Butylbenzene	ug/L	20	21.3	107	70-130	
n-Propylbenzene	ug/L	20	23.1	116	70-130	
Naphthalene	ug/L	20	19.5	98	70-130	
p-Isopropyltoluene	ug/L	20	21.1	105	70-130	N2
sec-Butylbenzene	ug/L	20	21.3	106	70-130	
Styrene	ug/L	20	20.3	101	70-130	
tert-Butylbenzene	ug/L	20	21.3	106	70-130	
Tetrachloroethene	ug/L	20	21.0	105	70-130	
Toluene	ug/L	20	20.0	100	70-130	
trans-1,2-Dichloroethene	ug/L	20	18.0	90	70-130	
trans-1,3-Dichloropropene	ug/L	20	20.7	104	70-130	
Trichloroethene	ug/L	20	18.4	92	70-130	
Trichlorofluoromethane	ug/L	20	17.8	89	70-130	
Vinyl chloride	ug/L	20	20.0	100	70-130	
Xylene (Total)	ug/L	60	66.4	111	70-130	
1,2-Dichloroethane-d4 (S)	%			87	75-125	
4-Bromofluorobenzene (S)	%			103	75-125	
Toluene-d8 (S)	%			100	75-125	

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QUALITY CONTROL DATA

Project: 3783 KELLY'S

Pace Project No.: 40172824

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:		3000822		3000823									
Parameter	Units	10440564001	MS	MSD	MS	MSD	MS	MSD	% Rec	Max	RPD	RPD	Qual
		Result	Spike Conc.	Spike Conc.	Result	Result	% Rec	% Rec	Limits				
1,1,1,2-Tetrachloroethane	ug/L	<0.50	20	20	18.4	18.9	92	95	70-130	3	20		
1,1,1-Trichloroethane	ug/L	<0.50	20	20	18.0	20.1	90	100	70-130	11	20		
1,1,2,2-Tetrachloroethane	ug/L	<0.50	20	20	25.1	25.9	124	128	70-130	3	20	CH	
1,1,2-Trichloroethane	ug/L	<0.50	20	20	17.6	17.6	88	88	70-130	0	20		
1,1-Dichloroethane	ug/L	<0.50	20	20	17.2	18.8	86	94	70-130	9	20		
1,1-Dichloroethene	ug/L	<0.50	20	20	16.9	18.8	85	94	70-130	10	20		
1,1-Dichloropropene	ug/L	<0.50	20	20	17.8	19.7	89	99	70-130	10	20		
1,2,3-Trichlorobenzene	ug/L	<1.0	20	20	20.1	20.7	100	103	70-130	3	20		
1,2,3-Trichloropropane	ug/L	<4.0	20	20	19.3	20.0	94	98	70-130	4	20		
1,2,4-Trichlorobenzene	ug/L	<0.50	20	20	22.0	22.9	110	114	70-130	4	20		
1,2,4-Trimethylbenzene	ug/L	207	20	20	216	226	47	93	70-130	4	20	M1	
1,2-Dibromo-3-chloropropane	ug/L	<10.0	50	50	55.8	58.7	112	117	70-130	5	20	N2	
1,2-Dibromoethane (EDB)	ug/L	<0.50	20	20	18.2	18.6	91	93	70-130	2	20	N2	
1,2-Dichlorobenzene	ug/L	<0.50	20	20	18.7	20.2	93	101	70-130	8	20		
1,2-Dichloroethane	ug/L	0.71	20	20	15.0	17.1	72	82	70-130	13	20		
1,2-Dichloropropane	ug/L	<4.0	20	20	19.0	19.5	95	97	70-130	2	20		
1,3,5-Trimethylbenzene	ug/L	97.3	20	20	110	115	65	89	70-130	4	20	M1,N2	
1,3-Dichlorobenzene	ug/L	<0.50	20	20	19.0	20.7	95	104	70-130	9	20		
1,3-Dichloropropane	ug/L	<0.50	20	20	17.9	18.0	90	90	70-130	0	20	N2	
1,4-Dichlorobenzene	ug/L	<0.50	20	20	18.0	19.2	90	96	70-130	6	20		
2,2-Dichloropropane	ug/L	<1.0	20	20	19.0	21.4	95	107	70-130	12	20		
2-Chlorotoluene	ug/L	<0.50	20	20	21.0	24.2	105	121	70-130	14	20		
4-Chlorotoluene	ug/L	<0.50	20	20	17.8	19.9	89	100	70-130	11	20		
Benzene	ug/L	148	20	20	159	163	58	77	70-130	2	20	M1	
Bromobenzene	ug/L	<0.50	20	20	18.4	19.9	92	100	70-130	8	20		
Bromochloromethane	ug/L	<1.0	20	20	15.4	17.8	77	89	70-130	14	20		
Bromodichloromethane	ug/L	<1.0	20	20	18.5	18.3	93	92	70-130	1	20		
Bromoform	ug/L	<4.0	20	20	17.5	18.4	87	92	70-130	5	20		
Bromomethane	ug/L	<4.0	20	20	16.2	22.0	81	110	70-130	30	20	R1	
Carbon tetrachloride	ug/L	<1.0	20	20	17.1	19.5	86	97	70-130	13	20		
Chlorobenzene	ug/L	<0.50	20	20	19.1	20.0	95	100	70-130	5	20		
Chloroethane	ug/L	<1.0	20	20	19.2	21.4	92	103	70-130	11	20		
Chloroform	ug/L	<1.0	20	20	14.6	15.9	73	79	70-130	9	20		
Chloromethane	ug/L	<4.0	20	20	15.4	18.3	75	90	70-130	18	20		
cis-1,2-Dichloroethene	ug/L	<0.50	20	20	17.0	18.5	85	92	70-130	8	20		
cis-1,3-Dichloropropene	ug/L	<0.50	20	20	17.3	17.7	86	89	70-130	2	20		
Dibromochloromethane	ug/L	<0.50	20	20	17.5	18.2	87	91	70-130	4	20		
Dibromomethane	ug/L	<1.0	20	20	16.9	17.4	85	87	70-130	3	20		
Dichlorodifluoromethane	ug/L	<1.0	20	20	19.7	22.5	99	112	70-130	13	20		
Ethylbenzene	ug/L	173	20	20	201	205	137	156	70-130	2	20	M1	
Hexachloro-1,3-butadiene	ug/L	<1.0	20	20	25.6	24.4	128	122	70-130	5	20		
Isopropylbenzene (Cumene)	ug/L	22.5	20	20	42.1	44.8	98	111	70-130	6	20		
Methyl-tert-butyl ether	ug/L	<0.50	20	20	15.6	17.9	78	90	70-130	14	20		
Methylene Chloride	ug/L	<4.0	20	20	13.9	15.7	69	79	70-130	12	20	M1	
n-Butylbenzene	ug/L	4.7	20	20	31.0	32.0	132	137	70-130	3	20	M1	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 3783 KELLY'S

Pace Project No.: 40172824

Parameter	Units	3000822		3000823		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	RPD	Qual
		10440564001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result								
n-Propylbenzene	ug/L	26.7	20	20	48.8	51.2	110	123	70-130	5	20		
Naphthalene	ug/L	72.6	20	20	83.6	90.0	55	87	70-130	7	20	M1	
p-Isopropyltoluene	ug/L	8.3	20	20	31.2	32.8	115	123	70-130	5	20	N2	
sec-Butylbenzene	ug/L	5.2	20	20	25.2	26.3	100	105	70-130	4	20		
Styrene	ug/L	<1.0	20	20	19.2	20.7	94	101	70-130	7	20		
tert-Butylbenzene	ug/L	1.6	20	20	21.9	23.4	102	109	70-130	7	20		
Tetrachloroethene	ug/L	<0.50	20	20	19.4	20.7	97	103	70-130	6	20		
Toluene	ug/L	143	20	20	172	175	141	156	70-130	2	20	M1	
trans-1,2-Dichloroethene	ug/L	<0.50	20	20	16.7	18.1	83	90	70-130	8	20		
trans-1,3-Dichloropropene	ug/L	<0.50	20	20	17.2	17.8	86	89	70-130	3	20		
Trichloroethene	ug/L	<0.40	20	20	17.6	18.0	88	90	70-130	2	20		
Trichlorofluoromethane	ug/L	0.64	20	20	17.2	19.0	83	92	70-130	10	20		
Vinyl chloride	ug/L	<0.20	20	20	18.0	20.8	90	104	70-130	15	20		
Xylene (Total)	ug/L	1110	60	60	1210	1230	167	201	70-130	2	20	ES,MS	
1,2-Dichloroethane-d4 (S)	%						82	86	75-125				
4-Bromofluorobenzene (S)	%						106	108	75-125				
Toluene-d8 (S)	%						100	100	75-125				

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QUALIFIERS

Project: 3783 KELLY'S

Pace Project No.: 40172824

DEFINITIONS

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

ND - Not Detected at or above LOD.

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

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

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

S - Surrogate

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

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

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

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

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

TNI - The NELAC Institute.

LABORATORIES

PASI-M Pace Analytical Services - Minneapolis

ANALYTE QUALIFIERS

CH	The continuing calibration for this compound is outside of Pace Analytical acceptance limits. The results may be biased high.
ES	The reported result is estimated because one or more of the constituent results are qualified as such.
L3	Analyte recovery in the laboratory control sample (LCS) exceeded QC limits. Analyte presence below reporting limits in associated samples.
M1	Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.
MN	The reporting limit has been raised in accordance with Minnesota Statutes 4740.2100 Subpart 8. C, D. Reporting Limit Evaluation Rule.
MS	Analyte recovery in the matrix spike was outside QC limits for one or more of the constituent analytes used in the calculated result.
N2	The lab does not hold NELAC/TNI accreditation for this parameter.
R1	RPD value was outside control limits.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 3783 KELLY'S

Pace Project No.: 40172824

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40172824001	54635	EPA 524.2	551960		

REPORT OF LABORATORY ANALYSIS

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Sample Preservation Receipt Form

Client Name: 251

Project # 40172824

All containers needing preservation have been checked and noted below: Yes No N/A

Lab Lot# of pH paper:

Lab Std #ID of preservation (if pH adjusted):


Initial when completed:

Date/Time:

Pace Lab #	Glass						Plastic						Vials					Jars			General			VOA Vials (>6mm) *	H2SO4 pH ≤2	NaOH+Zn Act pH ≥9	NaOH pH ≥12	HNO3 pH ≤2	pH after adjusted	Volume (mL)				
	AG1U	AG1H	AG4S	AG4U	AG5U	AG2S	BG3U	BP1U	BP2N	BP2Z	BP3U	BP3C	BP3N	BP3S	DG9A	DG9T	VG9U	VG9H	VG9M	VG9D	JGFU	WGFU	WPFU								SP5T	ZPLC	GN	
001																																		2.5 / 5 / 10
002																																		2.5 / 5 / 10
003																																		2.5 / 5 / 10
004																																		2.5 / 5 / 10
005																																		2.5 / 5 / 10
006																																		2.5 / 5 / 10
007																																		2.5 / 5 / 10
008																																		2.5 / 5 / 10
009																																		2.5 / 5 / 10
010																																		2.5 / 5 / 10
011																																		2.5 / 5 / 10
012																																		2.5 / 5 / 10
013																																		2.5 / 5 / 10
014																																		2.5 / 5 / 10
015																																		2.5 / 5 / 10
016																																		2.5 / 5 / 10
017																																		2.5 / 5 / 10
018																																		2.5 / 5 / 10
019																																		2.5 / 5 / 10
020																																		2.5 / 5 / 10

Exceptions to preservation check: VOA, Coliform, TOC, TOX, TOH, O&G, WI DRO, Phenolics, Other: _____ Headspace in VOA Vials (>6mm) : Yes No N/A ***If yes look in headspace column**

AG1U	1 liter amber glass	BP1U	1 liter plastic unpres	DG9A	40 mL amber ascorbic	JGFU	4 oz amber jar unpres
AG1H	1 liter amber glass HCL	BP2N	500 mL plastic HNO3	DG9T	40 mL amber Na Thio	WGFU	4 oz clear jar unpres
AG4S	125 mL amber glass H2SO4	BP2Z	500 mL plastic NaOH, Znact	VG9U	40 mL clear vial unpres	WPFU	4 oz plastic jar unpres
AG4U	120 mL amber glass unpres	BP3U	250 mL plastic unpres	VG9H	40 mL clear vial HCL		
AG5U	100 mL amber glass unpres	BP3C	250 mL plastic NaOH	VG9M	40 mL clear vial MeOH	SP5T	120 mL plastic Na Thiosulfate
AG2S	500 mL amber glass H2SO4	BP3N	250 mL plastic HNO3	VG9D	40 mL clear vial DI	ZPLC	ziploc bag
BG3U	250 mL clear glass unpres	BP3S	250 mL plastic H2SO4			GN:	

 1241 Bellevue Street, Green Bay, WI 54302	Document Name: Sample Condition Upon Receipt (SCUR)	Document Revised: 25Apr2018
	Document No.: F-GB-C-031-Rev.07	Issuing Authority: Pace Green Bay Quality Office

Sample Condition Upon Receipt Form (SCUR)

Project #: _____

 Client Name: R21
 Courier: CS Logistics Fed Ex Speedee UPS Walco
 Client Pace Other: _____

WO#: 40172824

 Tracking #: 1780087

 Custody Seal on Cooler/Box Present: yes no Seals intact: yes no

 Custody Seal on Samples Present: yes no Seals intact: yes no

 Packing Material: Bubble Wrap Bubble Bags None Other

 Thermometer Used SR-22 Type of Ice: Wet Blue Dry None Samples on ice, cooling process has begun

 Cooler Temperature Uncorr: 2.0 ICorr: 1.0

 Temp Blank Present: yes no Biological Tissue is Frozen: yes no

Person examining contents:

 Date: 7/19/18

 Initials: JM

 Temp should be above freezing to 6°C.
 Biota Samples may be received at ≤ 0°C.

Chain of Custody Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	1.
Chain of Custody Filled Out:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	2. <u>no py #, met/invoice info</u> <u>JM 7/20/18</u>
Chain of Custody Relinquished:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	3.
Sampler Name & Signature on COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	4.
Samples Arrived within Hold Time:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	5.
- VOA Samples frozen upon receipt	<input type="checkbox"/> Yes <input type="checkbox"/> No	Date/Time:
Short Hold Time Analysis (<72hr):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	6.
Rush Turn Around Time Requested:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	7.
Sufficient Volume:		8.
For Analysis: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No MS/MSD: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A		
Correct Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	9.
-Pace Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
-Pace IR Containers Used:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Containers Intact:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	10.
Filtered volume received for Dissolved tests	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	11.
Sample Labels match COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	12.
-Includes date/time/ID/Analysis Matrix:		
Trip Blank Present:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	13.
Trip Blank Custody Seals Present	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Pace Trip Blank Lot # (if purchased):		

Client Notification/ Resolution:

 If checked, see attached form for additional comments

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

 Project Manager Review: [Signature]

 Date: 7-20-18

July 25, 2018

DAVID LARSEN
REI
4080 NORTH 20TH AVENUE
Wausau, WI 54401

RE: Project: 3783 KELLY'S
Pace Project No.: 40172825

Dear DAVID LARSEN:

Enclosed are the analytical results for sample(s) received by the laboratory on July 20, 2018. The results relate only to the samples included in this report. Results reported herein conform to the most current, applicable TNI/NELAC standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

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

Sincerely,



Brian Basten
brian.basten@pacelabs.com
(920)469-2436
Project Manager

Enclosures



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: 3783 KELLY'S
Pace Project No.: 40172825

Minnesota Certification IDs

1700 Elm Street SE, Minneapolis, MN 55414-2485
A2LA Certification #: 2926.01
Alabama Certification #: 40770
Alaska Contaminated Sites Certification #: 17-009
Alaska DW Certification #: MN00064
Arizona Certification #: AZ0014
Arkansas DW Certification #: MN00064
Arkansas WW Certification #: 88-0680
California Certification #: 2929
CNMI Saipan Certification #: MP0003
Colorado Certification #: MN00064
Connecticut Certification #: PH-0256
EPA Region 8+Wyoming DW Certification #: via MN 027-053-137
Florida Certification #: E87605
Georgia Certification #: 959
Guam EPA Certification #: MN00064
Hawaii Certification #: MN00064
Idaho Certification #: MN00064
Illinois Certification #: 200011
Indiana Certification #: C-MN-01
Iowa Certification #: 368
Kansas Certification #: E-10167
Kentucky DW Certification #: 90062
Kentucky WW Certification #: 90062
Louisiana DEQ Certification #: 03086
Louisiana DW Certification #: MN00064
Maine Certification #: MN00064
Maryland Certification #: 322
Massachusetts Certification #: M-MN064
Michigan Certification #: 9909

Minnesota Certification #: 027-053-137
Minnesota Dept of Ag Certification #: via MN 027-053-137
Minnesota Petrofund Certification #: 1240
Mississippi Certification #: MN00064
Montana Certification #: CERT0092
Nebraska Certification #: NE-OS-18-06
Nevada Certification #: MN00064
New Hampshire Certification #: 2081
New Jersey Certification #: MN002
New York Certification #: 11647
North Carolina DW Certification #: 27700
North Carolina WW Certification #: 530
North Dakota Certification #: R-036
Ohio DW Certification #: 41244
Ohio VAP Certification #: CL101
Oklahoma Certification #: 9507
Oregon NwTPH Certification #: MN300001
Oregon Secondary Certification #: MN200001
Pennsylvania Certification #: 68-00563
Puerto Rico Certification #: MN00064
South Carolina Certification #: 74003001
Tennessee Certification #: TN02818
Texas Certification #: T104704192
Utah Certification #: MN00064
Virginia Certification #: 460163
Washington Certification #: C486
West Virginia DW Certification #: 9952 C
West Virginia DEP Certification #: 382
Wisconsin Certification #: 999407970
Wyoming UST Certification #: 2926.01 via A2LA

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: 3783 KELLY'S

Pace Project No.: 40172825

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40172825001	54630	Drinking Water	07/17/18 15:15	07/20/18 08:50

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: 3783 KELLY'S

Pace Project No.: 40172825

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40172825001	54630	EPA 524.2	AEZ	62	PASI-M

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 3783 KELLY'S

Pace Project No.: 40172825

Sample: 54630 **Lab ID: 40172825001** Collected: 07/17/18 15:15 Received: 07/20/18 08:50 Matrix: Drinking Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
524.2 MSV		Analytical Method: EPA 524.2							
Benzene	<0.12	ug/L	0.41	0.12	1		07/23/18 14:13	71-43-2	
Bromobenzene	<0.23	ug/L	0.76	0.23	1		07/23/18 14:13	108-86-1	
Bromochloromethane	<0.30	ug/L	0.99	0.30	1		07/23/18 14:13	74-97-5	
Bromodichloromethane	<0.15	ug/L	0.50	0.15	1		07/23/18 14:13	75-27-4	
Bromoform	<0.86	ug/L	2.9	0.86	1		07/23/18 14:13	75-25-2	
Bromomethane	<0.62	ug/L	2.1	0.62	1		07/23/18 14:13	74-83-9	
n-Butylbenzene	<0.14	ug/L	0.47	0.14	1		07/23/18 14:13	104-51-8	
sec-Butylbenzene	<0.20	ug/L	0.68	0.20	1		07/23/18 14:13	135-98-8	
tert-Butylbenzene	<0.14	ug/L	0.46	0.14	1		07/23/18 14:13	98-06-6	
Carbon tetrachloride	<0.20	ug/L	0.67	0.20	1		07/23/18 14:13	56-23-5	
Chlorobenzene	<0.12	ug/L	0.40	0.12	1		07/23/18 14:13	108-90-7	
Chloroethane	<0.14	ug/L	0.47	0.14	1		07/23/18 14:13	75-00-3	
Chloroform	<0.31	ug/L	1.0	0.31	1		07/23/18 14:13	67-66-3	
Chloromethane	<0.15	ug/L	0.51	0.15	1		07/23/18 14:13	74-87-3	
2-Chlorotoluene	<0.086	ug/L	0.29	0.086	1		07/23/18 14:13	95-49-8	
4-Chlorotoluene	<0.093	ug/L	0.31	0.093	1		07/23/18 14:13	106-43-4	
1,2-Dibromo-3-chloropropane	<2.0	ug/L	6.5	2.0	1		07/23/18 14:13	96-12-8	N2
Dibromochloromethane	<0.24	ug/L	0.81	0.24	1		07/23/18 14:13	124-48-1	
1,2-Dibromoethane (EDB)	<0.17	ug/L	0.57	0.17	1		07/23/18 14:13	106-93-4	N2
Dibromomethane	<0.23	ug/L	0.76	0.23	1		07/23/18 14:13	74-95-3	
1,2-Dichlorobenzene	<0.18	ug/L	0.58	0.18	1		07/23/18 14:13	95-50-1	
1,3-Dichlorobenzene	<0.14	ug/L	0.46	0.14	1		07/23/18 14:13	541-73-1	
1,4-Dichlorobenzene	<0.086	ug/L	0.29	0.086	1		07/23/18 14:13	106-46-7	
Dichlorodifluoromethane	<0.26	ug/L	0.87	0.26	1		07/23/18 14:13	75-71-8	
1,1-Dichloroethane	<0.16	ug/L	0.55	0.16	1		07/23/18 14:13	75-34-3	
1,2-Dichloroethane	<0.13	ug/L	0.45	0.13	1		07/23/18 14:13	107-06-2	
1,1-Dichloroethene	<0.19	ug/L	0.62	0.19	1		07/23/18 14:13	75-35-4	
cis-1,2-Dichloroethene	<0.14	ug/L	0.46	0.14	1		07/23/18 14:13	156-59-2	
trans-1,2-Dichloroethene	<0.18	ug/L	0.59	0.18	1		07/23/18 14:13	156-60-5	
1,2-Dichloropropane	<0.19	ug/L	0.64	0.19	1		07/23/18 14:13	78-87-5	
1,3-Dichloropropane	<0.11	ug/L	0.35	0.11	1		07/23/18 14:13	142-28-9	N2
2,2-Dichloropropane	<0.16	ug/L	0.53	0.16	1		07/23/18 14:13	594-20-7	
1,1-Dichloropropene	<0.10	ug/L	0.35	0.10	1		07/23/18 14:13	563-58-6	
cis-1,3-Dichloropropene	<0.21	ug/L	0.69	0.21	1		07/23/18 14:13	10061-01-5	
trans-1,3-Dichloropropene	<0.24	ug/L	0.81	0.24	1		07/23/18 14:13	10061-02-6	
Ethylbenzene	<0.11	ug/L	0.36	0.11	1		07/23/18 14:13	100-41-4	
Hexachloro-1,3-butadiene	<0.28	ug/L	0.92	0.28	1		07/23/18 14:13	87-68-3	
Isopropylbenzene (Cumene)	<0.17	ug/L	0.57	0.17	1		07/23/18 14:13	98-82-8	
p-Isopropyltoluene	<0.21	ug/L	0.71	0.21	1		07/23/18 14:13	99-87-6	N2
Methylene Chloride	<0.97	ug/L	3.2	0.97	1		07/23/18 14:13	75-09-2	
Methyl-tert-butyl ether	<0.17	ug/L	0.56	0.17	1		07/23/18 14:13	1634-04-4	
Naphthalene	<0.18	ug/L	0.60	0.18	1		07/23/18 14:13	91-20-3	
n-Propylbenzene	<0.13	ug/L	0.44	0.13	1		07/23/18 14:13	103-65-1	
Styrene	<0.18	ug/L	0.59	0.18	1		07/23/18 14:13	100-42-5	
1,1,1,2-Tetrachloroethane	<0.12	ug/L	0.39	0.12	1		07/23/18 14:13	630-20-6	
1,1,2,2-Tetrachloroethane	<0.17	ug/L	0.56	0.17	1		07/23/18 14:13	79-34-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 3783 KELLY'S

Pace Project No.: 40172825

Sample: 54630 **Lab ID: 40172825001** Collected: 07/17/18 15:15 Received: 07/20/18 08:50 Matrix: Drinking Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
524.2 MSV		Analytical Method: EPA 524.2							
Tetrachloroethene	<0.17	ug/L	0.56	0.17	1		07/23/18 14:13	127-18-4	
Toluene	<0.078	ug/L	0.26	0.078	1		07/23/18 14:13	108-88-3	
1,2,3-Trichlorobenzene	<0.25	ug/L	0.83	0.25	1		07/23/18 14:13	87-61-6	
1,2,4-Trichlorobenzene	<0.19	ug/L	0.64	0.19	1		07/23/18 14:13	120-82-1	
1,1,1-Trichloroethane	<0.19	ug/L	0.62	0.19	1		07/23/18 14:13	71-55-6	
1,1,2-Trichloroethane	<0.19	ug/L	0.62	0.19	1		07/23/18 14:13	79-00-5	
Trichloroethene	<0.12	ug/L	0.39	0.12	1		07/23/18 14:13	79-01-6	
Trichlorofluoromethane	<0.21	ug/L	0.70	0.21	1		07/23/18 14:13	75-69-4	
1,2,3-Trichloropropane	<0.39	ug/L	1.3	0.39	1		07/23/18 14:13	96-18-4	
1,2,4-Trimethylbenzene	<0.23	ug/L	0.76	0.23	1		07/23/18 14:13	95-63-6	
1,3,5-Trimethylbenzene	<0.15	ug/L	0.49	0.15	1		07/23/18 14:13	108-67-8	N2
Vinyl chloride	<0.086	ug/L	0.29	0.086	1		07/23/18 14:13	75-01-4	
Xylene (Total)	<0.30	ug/L	1.0	0.30	1		07/23/18 14:13	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	105	%	75-125		1		07/23/18 14:13	460-00-4	
Toluene-d8 (S)	100	%	75-125		1		07/23/18 14:13	2037-26-5	
1,2-Dichloroethane-d4 (S)	82	%	75-125		1		07/23/18 14:13	17060-07-0	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 3783 KELLY'S
Pace Project No.: 40172825

QC Batch: 551960 Analysis Method: EPA 524.2
QC Batch Method: EPA 524.2 Analysis Description: 524.2 MSV
Associated Lab Samples: 40172825001

METHOD BLANK: 2999506 Matrix: Water
Associated Lab Samples: 40172825001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<0.12	0.39	07/23/18 12:47	
1,1,1-Trichloroethane	ug/L	<0.19	0.62	07/23/18 12:47	
1,1,2,2-Tetrachloroethane	ug/L	<0.17	0.56	07/23/18 12:47	
1,1,2-Trichloroethane	ug/L	<0.19	0.62	07/23/18 12:47	
1,1-Dichloroethane	ug/L	<0.16	0.55	07/23/18 12:47	
1,1-Dichloroethene	ug/L	<0.19	0.62	07/23/18 12:47	
1,1-Dichloropropene	ug/L	<0.10	0.35	07/23/18 12:47	
1,2,3-Trichlorobenzene	ug/L	<0.25	0.83	07/23/18 12:47	MN
1,2,3-Trichloropropane	ug/L	<0.39	1.3	07/23/18 12:47	
1,2,4-Trichlorobenzene	ug/L	<0.19	0.64	07/23/18 12:47	
1,2,4-Trimethylbenzene	ug/L	<0.23	0.76	07/23/18 12:47	MN
1,2-Dibromo-3-chloropropane	ug/L	<2.0	6.5	07/23/18 12:47	MN,N2
1,2-Dibromoethane (EDB)	ug/L	<0.17	0.57	07/23/18 12:47	N2
1,2-Dichlorobenzene	ug/L	<0.18	0.58	07/23/18 12:47	
1,2-Dichloroethane	ug/L	<0.13	0.45	07/23/18 12:47	
1,2-Dichloropropane	ug/L	<0.19	0.64	07/23/18 12:47	
1,3,5-Trimethylbenzene	ug/L	<0.15	0.49	07/23/18 12:47	MN,N2
1,3-Dichlorobenzene	ug/L	<0.14	0.46	07/23/18 12:47	
1,3-Dichloropropane	ug/L	<0.11	0.35	07/23/18 12:47	N2
1,4-Dichlorobenzene	ug/L	<0.086	0.29	07/23/18 12:47	
2,2-Dichloropropane	ug/L	<0.16	0.53	07/23/18 12:47	
2-Chlorotoluene	ug/L	<0.086	0.29	07/23/18 12:47	
4-Chlorotoluene	ug/L	<0.093	0.31	07/23/18 12:47	
Benzene	ug/L	<0.12	0.41	07/23/18 12:47	
Bromobenzene	ug/L	<0.23	0.76	07/23/18 12:47	
Bromochloromethane	ug/L	<0.30	0.99	07/23/18 12:47	
Bromodichloromethane	ug/L	<0.15	0.50	07/23/18 12:47	
Bromoform	ug/L	<0.86	2.9	07/23/18 12:47	
Bromomethane	ug/L	<0.62	2.1	07/23/18 12:47	
Carbon tetrachloride	ug/L	<0.20	0.67	07/23/18 12:47	
Chlorobenzene	ug/L	<0.12	0.40	07/23/18 12:47	
Chloroethane	ug/L	<0.14	0.47	07/23/18 12:47	
Chloroform	ug/L	<0.31	1.0	07/23/18 12:47	
Chloromethane	ug/L	<0.15	0.51	07/23/18 12:47	
cis-1,2-Dichloroethene	ug/L	<0.14	0.46	07/23/18 12:47	
cis-1,3-Dichloropropene	ug/L	<0.21	0.69	07/23/18 12:47	
Dibromochloromethane	ug/L	<0.24	0.81	07/23/18 12:47	
Dibromomethane	ug/L	<0.23	0.76	07/23/18 12:47	
Dichlorodifluoromethane	ug/L	<0.26	0.87	07/23/18 12:47	
Ethylbenzene	ug/L	<0.11	0.36	07/23/18 12:47	
Hexachloro-1,3-butadiene	ug/L	<0.28	0.92	07/23/18 12:47	

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QUALITY CONTROL DATA

Project: 3783 KELLY'S
Pace Project No.: 40172825

METHOD BLANK: 2999506
Associated Lab Samples: 40172825001

Matrix: Water

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Isopropylbenzene (Cumene)	ug/L	<0.17	0.57	07/23/18 12:47	MN
Methyl-tert-butyl ether	ug/L	<0.17	0.56	07/23/18 12:47	
Methylene Chloride	ug/L	<0.97	3.2	07/23/18 12:47	
n-Butylbenzene	ug/L	<0.14	0.47	07/23/18 12:47	MN
n-Propylbenzene	ug/L	<0.13	0.44	07/23/18 12:47	
Naphthalene	ug/L	<0.18	0.60	07/23/18 12:47	
p-Isopropyltoluene	ug/L	<0.21	0.71	07/23/18 12:47	N2
sec-Butylbenzene	ug/L	<0.20	0.68	07/23/18 12:47	
Styrene	ug/L	<0.18	0.59	07/23/18 12:47	MN
tert-Butylbenzene	ug/L	<0.14	0.46	07/23/18 12:47	
Tetrachloroethene	ug/L	<0.17	0.56	07/23/18 12:47	
Toluene	ug/L	<0.078	0.26	07/23/18 12:47	
trans-1,2-Dichloroethene	ug/L	<0.18	0.59	07/23/18 12:47	
trans-1,3-Dichloropropene	ug/L	<0.24	0.81	07/23/18 12:47	
Trichloroethene	ug/L	<0.12	0.39	07/23/18 12:47	
Trichlorofluoromethane	ug/L	<0.21	0.70	07/23/18 12:47	
Vinyl chloride	ug/L	<0.086	0.29	07/23/18 12:47	
Xylene (Total)	ug/L	<0.30	1.0	07/23/18 12:47	
1,2-Dichloroethane-d4 (S)	%	85	75-125	07/23/18 12:47	
4-Bromofluorobenzene (S)	%	105	75-125	07/23/18 12:47	
Toluene-d8 (S)	%	101	75-125	07/23/18 12:47	

LABORATORY CONTROL SAMPLE: 2999507

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	20	21.2	106	70-130	
1,1,1-Trichloroethane	ug/L	20	19.5	97	70-130	
1,1,2,2-Tetrachloroethane	ug/L	20	29.0	145	70-130	CH,L3
1,1,2-Trichloroethane	ug/L	20	20.7	103	70-130	
1,1-Dichloroethane	ug/L	20	18.7	94	70-130	
1,1-Dichloroethene	ug/L	20	18.2	91	70-130	
1,1-Dichloropropene	ug/L	20	18.7	93	70-130	
1,2,3-Trichlorobenzene	ug/L	20	20.3	102	70-130	
1,2,3-Trichloropropane	ug/L	20	22.8	114	70-130	
1,2,4-Trichlorobenzene	ug/L	20	21.1	106	70-130	
1,2,4-Trimethylbenzene	ug/L	20	20.3	102	70-130	
1,2-Dibromo-3-chloropropane	ug/L	50	60.9	122	70-130	N2
1,2-Dibromoethane (EDB)	ug/L	20	21.4	107	70-130	N2
1,2-Dichlorobenzene	ug/L	20	21.2	106	70-130	
1,2-Dichloroethane	ug/L	20	17.2	86	70-130	
1,2-Dichloropropane	ug/L	20	21.3	107	70-130	
1,3,5-Trimethylbenzene	ug/L	20	20.5	102	70-130	N2
1,3-Dichlorobenzene	ug/L	20	22.0	110	70-130	
1,3-Dichloropropane	ug/L	20	21.1	105	70-130	N2

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QUALITY CONTROL DATA

Project: 3783 KELLY'S

Pace Project No.: 40172825

LABORATORY CONTROL SAMPLE: 2999507

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,4-Dichlorobenzene	ug/L	20	20.7	104	70-130	
2,2-Dichloropropane	ug/L	20	20.7	104	70-130	
2-Chlorotoluene	ug/L	20	22.2	111	70-130	
4-Chlorotoluene	ug/L	20	21.6	108	70-130	
Benzene	ug/L	20	18.1	91	70-130	
Bromobenzene	ug/L	20	21.2	106	70-130	
Bromochloromethane	ug/L	20	17.6	88	70-130	
Bromodichloromethane	ug/L	20	21.2	106	70-130	
Bromoform	ug/L	20	21.3	106	70-130	
Bromomethane	ug/L	20	17.0	85	70-130	
Carbon tetrachloride	ug/L	20	18.9	95	70-130	
Chlorobenzene	ug/L	20	21.1	105	70-130	
Chloroethane	ug/L	20	19.6	98	70-130	
Chloroform	ug/L	20	17.0	85	70-130	
Chloromethane	ug/L	20	17.1	85	70-130	
cis-1,2-Dichloroethene	ug/L	20	19.1	95	70-130	
cis-1,3-Dichloropropene	ug/L	20	20.9	104	70-130	
Dibromochloromethane	ug/L	20	20.9	104	70-130	
Dibromomethane	ug/L	20	20.1	100	70-130	
Dichlorodifluoromethane	ug/L	20	21.3	106	70-130	
Ethylbenzene	ug/L	20	21.9	109	70-130	
Hexachloro-1,3-butadiene	ug/L	20	23.3	117	70-130	
Isopropylbenzene (Cumene)	ug/L	20	20.5	103	70-130	
Methyl-tert-butyl ether	ug/L	20	18.9	95	70-130	
Methylene Chloride	ug/L	20	16.5	83	70-130	
n-Butylbenzene	ug/L	20	21.3	107	70-130	
n-Propylbenzene	ug/L	20	23.1	116	70-130	
Naphthalene	ug/L	20	19.5	98	70-130	
p-Isopropyltoluene	ug/L	20	21.1	105	70-130	N2
sec-Butylbenzene	ug/L	20	21.3	106	70-130	
Styrene	ug/L	20	20.3	101	70-130	
tert-Butylbenzene	ug/L	20	21.3	106	70-130	
Tetrachloroethene	ug/L	20	21.0	105	70-130	
Toluene	ug/L	20	20.0	100	70-130	
trans-1,2-Dichloroethene	ug/L	20	18.0	90	70-130	
trans-1,3-Dichloropropene	ug/L	20	20.7	104	70-130	
Trichloroethene	ug/L	20	18.4	92	70-130	
Trichlorofluoromethane	ug/L	20	17.8	89	70-130	
Vinyl chloride	ug/L	20	20.0	100	70-130	
Xylene (Total)	ug/L	60	66.4	111	70-130	
1,2-Dichloroethane-d4 (S)	%			87	75-125	
4-Bromofluorobenzene (S)	%			103	75-125	
Toluene-d8 (S)	%			100	75-125	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 3783 KELLY'S

Pace Project No.: 40172825

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:		3000822		3000823									
Parameter	Units	10440564001	MS	MSD	MS	MSD	MS	MSD	% Rec	Max	RPD	RPD	Qual
		Result	Spike Conc.	Spike Conc.	Result	Result	% Rec	% Rec	Limits				
1,1,1,2-Tetrachloroethane	ug/L	<0.50	20	20	18.4	18.9	92	95	70-130	3	20		
1,1,1-Trichloroethane	ug/L	<0.50	20	20	18.0	20.1	90	100	70-130	11	20		
1,1,2,2-Tetrachloroethane	ug/L	<0.50	20	20	25.1	25.9	124	128	70-130	3	20	CH	
1,1,2-Trichloroethane	ug/L	<0.50	20	20	17.6	17.6	88	88	70-130	0	20		
1,1-Dichloroethane	ug/L	<0.50	20	20	17.2	18.8	86	94	70-130	9	20		
1,1-Dichloroethene	ug/L	<0.50	20	20	16.9	18.8	85	94	70-130	10	20		
1,1-Dichloropropene	ug/L	<0.50	20	20	17.8	19.7	89	99	70-130	10	20		
1,2,3-Trichlorobenzene	ug/L	<1.0	20	20	20.1	20.7	100	103	70-130	3	20		
1,2,3-Trichloropropane	ug/L	<4.0	20	20	19.3	20.0	94	98	70-130	4	20		
1,2,4-Trichlorobenzene	ug/L	<0.50	20	20	22.0	22.9	110	114	70-130	4	20		
1,2,4-Trimethylbenzene	ug/L	207	20	20	216	226	47	93	70-130	4	20	M1	
1,2-Dibromo-3-chloropropane	ug/L	<10.0	50	50	55.8	58.7	112	117	70-130	5	20	N2	
1,2-Dibromoethane (EDB)	ug/L	<0.50	20	20	18.2	18.6	91	93	70-130	2	20	N2	
1,2-Dichlorobenzene	ug/L	<0.50	20	20	18.7	20.2	93	101	70-130	8	20		
1,2-Dichloroethane	ug/L	0.71	20	20	15.0	17.1	72	82	70-130	13	20		
1,2-Dichloropropane	ug/L	<4.0	20	20	19.0	19.5	95	97	70-130	2	20		
1,3,5-Trimethylbenzene	ug/L	97.3	20	20	110	115	65	89	70-130	4	20	M1,N2	
1,3-Dichlorobenzene	ug/L	<0.50	20	20	19.0	20.7	95	104	70-130	9	20		
1,3-Dichloropropane	ug/L	<0.50	20	20	17.9	18.0	90	90	70-130	0	20	N2	
1,4-Dichlorobenzene	ug/L	<0.50	20	20	18.0	19.2	90	96	70-130	6	20		
2,2-Dichloropropane	ug/L	<1.0	20	20	19.0	21.4	95	107	70-130	12	20		
2-Chlorotoluene	ug/L	<0.50	20	20	21.0	24.2	105	121	70-130	14	20		
4-Chlorotoluene	ug/L	<0.50	20	20	17.8	19.9	89	100	70-130	11	20		
Benzene	ug/L	148	20	20	159	163	58	77	70-130	2	20	M1	
Bromobenzene	ug/L	<0.50	20	20	18.4	19.9	92	100	70-130	8	20		
Bromochloromethane	ug/L	<1.0	20	20	15.4	17.8	77	89	70-130	14	20		
Bromodichloromethane	ug/L	<1.0	20	20	18.5	18.3	93	92	70-130	1	20		
Bromoform	ug/L	<4.0	20	20	17.5	18.4	87	92	70-130	5	20		
Bromomethane	ug/L	<4.0	20	20	16.2	22.0	81	110	70-130	30	20	R1	
Carbon tetrachloride	ug/L	<1.0	20	20	17.1	19.5	86	97	70-130	13	20		
Chlorobenzene	ug/L	<0.50	20	20	19.1	20.0	95	100	70-130	5	20		
Chloroethane	ug/L	<1.0	20	20	19.2	21.4	92	103	70-130	11	20		
Chloroform	ug/L	<1.0	20	20	14.6	15.9	73	79	70-130	9	20		
Chloromethane	ug/L	<4.0	20	20	15.4	18.3	75	90	70-130	18	20		
cis-1,2-Dichloroethene	ug/L	<0.50	20	20	17.0	18.5	85	92	70-130	8	20		
cis-1,3-Dichloropropene	ug/L	<0.50	20	20	17.3	17.7	86	89	70-130	2	20		
Dibromochloromethane	ug/L	<0.50	20	20	17.5	18.2	87	91	70-130	4	20		
Dibromomethane	ug/L	<1.0	20	20	16.9	17.4	85	87	70-130	3	20		
Dichlorodifluoromethane	ug/L	<1.0	20	20	19.7	22.5	99	112	70-130	13	20		
Ethylbenzene	ug/L	173	20	20	201	205	137	156	70-130	2	20	M1	
Hexachloro-1,3-butadiene	ug/L	<1.0	20	20	25.6	24.4	128	122	70-130	5	20		
Isopropylbenzene (Cumene)	ug/L	22.5	20	20	42.1	44.8	98	111	70-130	6	20		
Methyl-tert-butyl ether	ug/L	<0.50	20	20	15.6	17.9	78	90	70-130	14	20		
Methylene Chloride	ug/L	<4.0	20	20	13.9	15.7	69	79	70-130	12	20	M1	
n-Butylbenzene	ug/L	4.7	20	20	31.0	32.0	132	137	70-130	3	20	M1	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 3783 KELLY'S

Pace Project No.: 40172825

Parameter	Units	3000822		3000823		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	RPD	Qual
		10440564001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result								
n-Propylbenzene	ug/L	26.7	20	20	48.8	51.2	110	123	70-130	5	20		
Naphthalene	ug/L	72.6	20	20	83.6	90.0	55	87	70-130	7	20	M1	
p-Isopropyltoluene	ug/L	8.3	20	20	31.2	32.8	115	123	70-130	5	20	N2	
sec-Butylbenzene	ug/L	5.2	20	20	25.2	26.3	100	105	70-130	4	20		
Styrene	ug/L	<1.0	20	20	19.2	20.7	94	101	70-130	7	20		
tert-Butylbenzene	ug/L	1.6	20	20	21.9	23.4	102	109	70-130	7	20		
Tetrachloroethene	ug/L	<0.50	20	20	19.4	20.7	97	103	70-130	6	20		
Toluene	ug/L	143	20	20	172	175	141	156	70-130	2	20	M1	
trans-1,2-Dichloroethene	ug/L	<0.50	20	20	16.7	18.1	83	90	70-130	8	20		
trans-1,3-Dichloropropene	ug/L	<0.50	20	20	17.2	17.8	86	89	70-130	3	20		
Trichloroethene	ug/L	<0.40	20	20	17.6	18.0	88	90	70-130	2	20		
Trichlorofluoromethane	ug/L	0.64	20	20	17.2	19.0	83	92	70-130	10	20		
Vinyl chloride	ug/L	<0.20	20	20	18.0	20.8	90	104	70-130	15	20		
Xylene (Total)	ug/L	1110	60	60	1210	1230	167	201	70-130	2	20	ES,MS	
1,2-Dichloroethane-d4 (S)	%						82	86	75-125				
4-Bromofluorobenzene (S)	%						106	108	75-125				
Toluene-d8 (S)	%						100	100	75-125				

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REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: 3783 KELLY'S

Pace Project No.: 40172825

DEFINITIONS

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

ND - Not Detected at or above LOD.

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

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

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

S - Surrogate

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

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

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

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

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

TNI - The NELAC Institute.

LABORATORIES

PASI-M Pace Analytical Services - Minneapolis

ANALYTE QUALIFIERS

CH	The continuing calibration for this compound is outside of Pace Analytical acceptance limits. The results may be biased high.
ES	The reported result is estimated because one or more of the constituent results are qualified as such.
L3	Analyte recovery in the laboratory control sample (LCS) exceeded QC limits. Analyte presence below reporting limits in associated samples.
M1	Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.
MN	The reporting limit has been raised in accordance with Minnesota Statutes 4740.2100 Subpart 8. C, D. Reporting Limit Evaluation Rule.
MS	Analyte recovery in the matrix spike was outside QC limits for one or more of the constituent analytes used in the calculated result.
N2	The lab does not hold NELAC/TNI accreditation for this parameter.
R1	RPD value was outside control limits.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 3783 KELLY'S
Pace Project No.: 40172825

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40172825001	54630	EPA 524.2	551960		

REPORT OF LABORATORY ANALYSIS

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(Please Print Clearly)

Company Name: *REI*

Branch/Location:

Project Contact: *DAVID LARSEN*

Phone: *715-675-9784*

Project Number: *3783*

Project Name: *Kelly's*

Project State: *WI*

Sampled By (Print): *David Larsen*

Sampled By (Sign): *[Signature]*

PO #:

Regulatory Program: *PECPA*



UPPER MIDWEST REGION
MN: 612-607-1700 WI: 920-469-2436

40172825

CHAIN OF CUSTODY

***Preservation Codes**

A=None B=HCL C=H2SO4 D=HNO3 E=DI Water F=Methanol G=NaOH
H=Sodium Bisulfate Solution I=Sodium Thiosulfate J=Other

FILTERED?
(YES/NO)

PRESERVATION
(CODE)*

Y/N	Pick Letter	Analysis Requested	Matrix Codes									
			DATE	TIME	MATRIX							
<i>N</i>	<i>J</i>	<i>VOC 524.2</i>	<i>7/17/16</i>	<i>3:15</i>	<i>DW</i>	<i>X</i>						

Quote #:

Mail To Contact:

Mail To Company:

Mail To Address:

Invoice To Contact:

Invoice To Company:

Invoice To Address:

Invoice To Phone:

CLIENT COMMENTS

LAB COMMENTS (Lab Use Only)

Profile #

Data Package Options (billable)

EPA Level III

EPA Level IV

MS/MSD

On your sample (billable)

NOT needed on your sample

Matrix Codes

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

PACE LAB #	CLIENT FIELD ID	COLLECTION		MATRIX
		DATE	TIME	
<i>001</i>	<i>54630</i>	<i>7/17/16</i>	<i>3:15</i>	<i>DW</i>

Rush Turnaround Time Requested - Prelims (Rush TAT subject to approval/surcharge) Date Needed:	Relinquished By: <i>[Signature]</i>	Date/Time: <i>7/19/16 @ 9:00 AM</i>	Received By:	Date/Time:	PACE Project No. <i>40172825</i>
	Transmit Prelim Rush Results by (complete what you want):	Relinquished By: <i>WMC</i>	Date/Time: <i>7/20/16 0850</i>	Received By: <i>[Signature]</i>	
Email #1:	Relinquished By:	Date/Time:	Received By:	Date/Time:	Receipt Temp = <i>1.0</i> °C
Email #2:	Relinquished By:	Date/Time:	Received By:	Date/Time:	Sample Receipt pH OK / Adjusted
Telephone:	Relinquished By:	Date/Time:	Received By:	Date/Time:	Cooler Custody Seal Present / Not Present
Fax:	Relinquished By:	Date/Time:	Received By:	Date/Time:	Intact / Not Intact

Sample Preservation Receipt Form

Client Name: 291

Project # 40172825

All containers needing preservation have been checked and noted below: Yes No N/A

Lab Lot# of pH paper:

Lab Std #ID of preservation (if pH adjusted):

Initial when completed:

Date/Time:

Pace Lab #	Glass						Plastic						Vials					Jars			General			VOA Vials (>6mm) *	H2SO4 pH ≤2	NaOH+Zn Act pH ≥9	NaOH pH ≥12	HNO3 pH ≤2	pH after adjusted	Volume (mL)			
	AG1U	AG1H	AG4S	AG4U	AG5U	AG2S	BG3U	BP1U	BP2N	BP2Z	BP3U	BP3C	BP3N	BP3S	DG9A	DG9T	VG9U	VG9H	VG9M	VG9D	JGFU	WGFU	WPFU								SP5T	ZPLC	GN
001																																	2.5 / 5 / 10
002																																	2.5 / 5 / 10
003																																	2.5 / 5 / 10
004																																	2.5 / 5 / 10
005																																	2.5 / 5 / 10
006																																	2.5 / 5 / 10
007																																	2.5 / 5 / 10
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014																																	2.5 / 5 / 10
015																																	2.5 / 5 / 10
016																																	2.5 / 5 / 10
017																																	2.5 / 5 / 10
018																																	2.5 / 5 / 10
019																																	2.5 / 5 / 10
020																																	2.5 / 5 / 10

Exceptions to preservation check: VDA, Coliform, TOC, TOX, TOH, O&G, WI DRO, Phenolics, Other: _____ Headspace in VOA Vials (>6mm) : Yes No N/A *If yes look in headspace column

AG1U	1 liter amber glass	BP1U	1 liter plastic unpres	DG9A	40 mL amber ascorbic	JGFU	4 oz amber jar unpres
AG1H	1 liter amber glass HCL	BP2N	500 mL plastic HNO3	DG9T	40 mL amber Na Thio	WGFU	4 oz clear jar unpres
AG4S	125 mL amber glass H2SO4	BP2Z	500 mL plastic NaOH, Znact	VG9U	40 mL clear vial unpres	WPFU	4 oz plastic jar unpres
AG4U	120 mL amber glass unpres	BP3U	250 mL plastic unpres	VG9H	40 mL clear vial HCL		
AG5U	100 mL amber glass unpres	BP3C	250 mL plastic NaOH	VG9M	40 mL clear vial MeOH	SP5T	120 mL plastic Na Thiosulfate
AG2S	500 mL amber glass H2SO4	BP3N	250 mL plastic HNO3	VG9D	40 mL clear vial DI	ZPLC	ziploc bag
BG3U	250 mL clear glass unpres	BP3S	250 mL plastic H2SO4			GN:	40ml clear Ascorbic Acid



1241 Bellevue Street, Green Bay, WI 54302

Document Name:
Sample Condition Upon Receipt (SCUR)

Document Revised: 25Apr2018

Document No.:
F-GB-C-031-Rev.07

Issuing Authority:
Pace Green Bay Quality Office

Sample Condition Upon Receipt Form (SCUR)

Project #: **WO# : 40172825**

Client Name: RGI

Courier: CS Logistics Fed Ex Speedee UPS **Waltco**
 Client Pace Other: _____



Tracking #: 178 0087

Custody Seal on Cooler/Box Present: yes no Seals intact: yes no

Custody Seal on Samples Present: yes no Seals intact: yes no

Packing Material: Bubble Wrap Bubble Bags None Other

Thermometer Used SR - 22 Type of Ice: Wet Blue Dry None Samples on ice, cooling process has begun

Cooler Temperature Uncorr: 2.0 / Corr: 1.0

Temp Blank Present: yes no Biological Tissue is Frozen: yes no

Person examining contents:
Date: 7/19/18
Initials: JM

Temp should be above freezing to 6°C.
Biota Samples may be received at ≤ 0°C.

Chain of Custody Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	1.
Chain of Custody Filled Out:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	2. <u>no log #, mail / review info</u>
Chain of Custody Relinquished:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	3.
Sampler Name & Signature on COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	4.
Samples Arrived within Hold Time:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	5.
- VOA Samples frozen upon receipt	<input type="checkbox"/> Yes <input type="checkbox"/> No	Date/Time:
Short Hold Time Analysis (<72hr):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	6.
Rush Turn Around Time Requested:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	7.
Sufficient Volume:		8.
For Analysis: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No MS/MSD: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A		
Correct Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	9.
-Pace Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
-Pace IR Containers Used:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Containers Intact:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	10.
Filtered volume received for Dissolved tests	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	11.
Sample Labels match COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	12.
-Includes date/time/ID/Analysis Matrix: <u>W</u>		
Trip Blank Present:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	13.
Trip Blank Custody Seals Present	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Pace Trip Blank Lot # (if purchased):		

Client Notification/ Resolution: _____ If checked, see attached form for additional comments
Person Contacted: _____ Date/Time: _____
Comments/ Resolution: _____

Project Manager Review: [Signature]

Date: 7-20-18

July 27, 2018

DAVID LARSEN
REI
4080 NORTH 20TH AVENUE
Wausau, WI 54401

RE: Project: 3783 KELLY'S
Pace Project No.: 40172795

Dear DAVID LARSEN:

Enclosed are the analytical results for sample(s) received by the laboratory on July 20, 2018. The results relate only to the samples included in this report. Results reported herein conform to the most current, applicable TNI/NELAC standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

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

Sincerely,



Brian Basten
brian.basten@pacelabs.com
(920)469-2436
Project Manager

Enclosures



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: 3783 KELLY'S

Pace Project No.: 40172795

Minnesota Certification IDs

1700 Elm Street SE, Minneapolis, MN 55414-2485

A2LA Certification #: 2926.01

Alabama Certification #: 40770

Alaska Contaminated Sites Certification #: 17-009

Alaska DW Certification #: MN00064

Arizona Certification #: AZ0014

Arkansas DW Certification #: MN00064

Arkansas WW Certification #: 88-0680

California Certification #: 2929

CNMI Saipan Certification #: MP0003

Colorado Certification #: MN00064

Connecticut Certification #: PH-0256

EPA Region 8+Wyoming DW Certification #: via MN 027-053-137

Florida Certification #: E87605

Georgia Certification #: 959

Guam EPA Certification #: MN00064

Hawaii Certification #: MN00064

Idaho Certification #: MN00064

Illinois Certification #: 200011

Indiana Certification #: C-MN-01

Iowa Certification #: 368

Kansas Certification #: E-10167

Kentucky DW Certification #: 90062

Kentucky WW Certification #: 90062

Louisiana DEQ Certification #: 03086

Louisiana DW Certification #: MN00064

Maine Certification #: MN00064

Maryland Certification #: 322

Massachusetts Certification #: M-MN064

Michigan Certification #: 9909

Minnesota Certification #: 027-053-137

Minnesota Dept of Ag Certification #: via MN 027-053-137

Minnesota Petrofund Certification #: 1240

Mississippi Certification #: MN00064

Montana Certification #: CERT0092

Nebraska Certification #: NE-OS-18-06

Nevada Certification #: MN00064

New Hampshire Certification #: 2081

New Jersey Certification #: MN002

New York Certification #: 11647

North Carolina DW Certification #: 27700

North Carolina WW Certification #: 530

North Dakota Certification #: R-036

Ohio DW Certification #: 41244

Ohio VAP Certification #: CL101

Oklahoma Certification #: 9507

Oregon NwTPH Certification #: MN300001

Oregon Secondary Certification #: MN200001

Pennsylvania Certification #: 68-00563

Puerto Rico Certification #: MN00064

South Carolina Certification #: 74003001

Tennessee Certification #: TN02818

Texas Certification #: T104704192

Utah Certification #: MN00064

Virginia Certification #: 460163

Washington Certification #: C486

West Virginia DW Certification #: 9952 C

West Virginia DEP Certification #: 382

Wisconsin Certification #: 999407970

Wyoming UST Certification #: via A2LA 2926.01

Green Bay Certification IDs

1241 Bellevue Street, Green Bay, WI 54302

Florida/NELAP Certification #: E87948

Illinois Certification #: 200050

Kentucky UST Certification #: 82

Louisiana Certification #: 04168

Minnesota Certification #: 055-999-334

New York Certification #: 12064

North Dakota Certification #: R-150

Virginia VELAP ID: 460263

South Carolina Certification #: 83006001

Texas Certification #: T104704529-14-1

Wisconsin Certification #: 405132750

Wisconsin DATCP Certification #: 105-444

USDA Soil Permit #: P330-16-00157

Federal Fish & Wildlife Permit #: LE51774A-0

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: 3783 KELLY'S
Pace Project No.: 40172795

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40172795001	PZ1	Water	07/17/18 17:05	07/20/18 08:50
40172795002	TW3	Water	07/17/18 17:00	07/20/18 08:50
40172795003	CHURCH	Water	07/17/18 14:55	07/20/18 08:50

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SAMPLE ANALYTE COUNT

Project: 3783 KELLY'S

Pace Project No.: 40172795

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40172795001	PZ1	WI MOD GRO	ALD	10	PASI-G
40172795002	TW3	WI MOD GRO	ALD	10	PASI-G
40172795003	CHURCH	EPA 524.2	AEZ	63	PASI-M

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 3783 KELLY'S
Pace Project No.: 40172795

Sample: PZ1									
Lab ID: 40172795001 Collected: 07/17/18 17:05 Received: 07/20/18 08:50 Matrix: Water									
Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIGRO GCV Analytical Method: WI MOD GRO									
Benzene	7320	ug/L	204	61.2	200		07/25/18 18:40	71-43-2	
Ethylbenzene	2680	ug/L	220	65.8	200		07/25/18 18:40	100-41-4	
Methyl-tert-butyl ether	<64.0	ug/L	214	64.0	200		07/25/18 18:40	1634-04-4	
Naphthalene	642	ug/L	336	101	200		07/25/18 18:40	91-20-3	
Toluene	20900	ug/L	326	97.8	200		07/25/18 18:40	108-88-3	
1,2,4-Trimethylbenzene	1550	ug/L	228	68.4	200		07/25/18 18:40	95-63-6	
1,3,5-Trimethylbenzene	398	ug/L	218	65.6	200		07/25/18 18:40	108-67-8	
m&p-Xylene	8300	ug/L	436	131	200		07/25/18 18:40	179601-23-1	
o-Xylene	3850	ug/L	210	63.0	200		07/25/18 18:40	95-47-6	
Surrogates									
a,a,a-Trifluorotoluene (S)	100	%	80-120		200		07/25/18 18:40	98-08-8	

Sample: TW3									
Lab ID: 40172795002 Collected: 07/17/18 17:00 Received: 07/20/18 08:50 Matrix: Water									
Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIGRO GCV Analytical Method: WI MOD GRO									
Benzene	1430	ug/L	102	30.6	100		07/25/18 19:06	71-43-2	
Ethylbenzene	3820	ug/L	110	32.9	100		07/25/18 19:06	100-41-4	
Methyl-tert-butyl ether	<32.0	ug/L	107	32.0	100		07/25/18 19:06	1634-04-4	
Naphthalene	1590	ug/L	168	50.6	100		07/25/18 19:06	91-20-3	
Toluene	36100	ug/L	163	48.9	100		07/25/18 19:06	108-88-3	
1,2,4-Trimethylbenzene	3950	ug/L	114	34.2	100		07/25/18 19:06	95-63-6	
1,3,5-Trimethylbenzene	1130	ug/L	109	32.8	100		07/25/18 19:06	108-67-8	
m&p-Xylene	12400	ug/L	218	65.5	100		07/25/18 19:06	179601-23-1	
o-Xylene	5950	ug/L	105	31.5	100		07/25/18 19:06	95-47-6	
Surrogates									
a,a,a-Trifluorotoluene (S)	102	%	80-120		100		07/25/18 19:06	98-08-8	

Sample: CHURCH									
Lab ID: 40172795003 Collected: 07/17/18 14:55 Received: 07/20/18 08:50 Matrix: Water									
Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
524.2 MSV Analytical Method: EPA 524.2									
Benzene	<0.12	ug/L	0.41	0.12	1		07/23/18 17:27	71-43-2	
Bromobenzene	<0.23	ug/L	0.76	0.23	1		07/23/18 17:27	108-86-1	
Bromochloromethane	<0.30	ug/L	0.99	0.30	1		07/23/18 17:27	74-97-5	
Bromodichloromethane	<0.15	ug/L	0.50	0.15	1		07/23/18 17:27	75-27-4	
Bromoform	<0.86	ug/L	2.9	0.86	1		07/23/18 17:27	75-25-2	
Bromomethane	<0.62	ug/L	2.1	0.62	1		07/23/18 17:27	74-83-9	
n-Butylbenzene	<0.14	ug/L	0.47	0.14	1		07/23/18 17:27	104-51-8	
sec-Butylbenzene	<0.20	ug/L	0.68	0.20	1		07/23/18 17:27	135-98-8	
tert-Butylbenzene	<0.14	ug/L	0.46	0.14	1		07/23/18 17:27	98-06-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 3783 KELLY'S

Pace Project No.: 40172795

Sample: CHURCH **Lab ID: 40172795003** Collected: 07/17/18 14:55 Received: 07/20/18 08:50 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
524.2 MSV		Analytical Method: EPA 524.2							
Carbon disulfide	0.13J	ug/L	0.37	0.11	1		07/23/18 17:27	75-15-0	N2
Carbon tetrachloride	<0.20	ug/L	0.67	0.20	1		07/23/18 17:27	56-23-5	
Chlorobenzene	<0.12	ug/L	0.40	0.12	1		07/23/18 17:27	108-90-7	
Chloroethane	<0.14	ug/L	0.47	0.14	1		07/23/18 17:27	75-00-3	
Chloroform	<0.31	ug/L	1.0	0.31	1		07/23/18 17:27	67-66-3	
Chloromethane	<0.15	ug/L	0.51	0.15	1		07/23/18 17:27	74-87-3	
2-Chlorotoluene	<0.086	ug/L	0.29	0.086	1		07/23/18 17:27	95-49-8	
4-Chlorotoluene	<0.093	ug/L	0.31	0.093	1		07/23/18 17:27	106-43-4	
1,2-Dibromo-3-chloropropane	<2.0	ug/L	6.5	2.0	1		07/23/18 17:27	96-12-8	N2
Dibromochloromethane	<0.24	ug/L	0.81	0.24	1		07/23/18 17:27	124-48-1	
1,2-Dibromoethane (EDB)	<0.17	ug/L	0.57	0.17	1		07/23/18 17:27	106-93-4	N2
Dibromomethane	<0.23	ug/L	0.76	0.23	1		07/23/18 17:27	74-95-3	
1,2-Dichlorobenzene	<0.18	ug/L	0.58	0.18	1		07/23/18 17:27	95-50-1	
1,3-Dichlorobenzene	<0.14	ug/L	0.46	0.14	1		07/23/18 17:27	541-73-1	
1,4-Dichlorobenzene	<0.086	ug/L	0.29	0.086	1		07/23/18 17:27	106-46-7	
Dichlorodifluoromethane	<0.26	ug/L	0.87	0.26	1		07/23/18 17:27	75-71-8	
1,1-Dichloroethane	<0.16	ug/L	0.55	0.16	1		07/23/18 17:27	75-34-3	
1,2-Dichloroethane	<0.13	ug/L	0.45	0.13	1		07/23/18 17:27	107-06-2	
1,1-Dichloroethene	<0.19	ug/L	0.62	0.19	1		07/23/18 17:27	75-35-4	
cis-1,2-Dichloroethene	<0.14	ug/L	0.46	0.14	1		07/23/18 17:27	156-59-2	
trans-1,2-Dichloroethene	<0.18	ug/L	0.59	0.18	1		07/23/18 17:27	156-60-5	
1,2-Dichloropropane	<0.19	ug/L	0.64	0.19	1		07/23/18 17:27	78-87-5	
1,3-Dichloropropane	<0.11	ug/L	0.35	0.11	1		07/23/18 17:27	142-28-9	N2
2,2-Dichloropropane	<0.16	ug/L	0.53	0.16	1		07/23/18 17:27	594-20-7	
1,1-Dichloropropene	<0.10	ug/L	0.35	0.10	1		07/23/18 17:27	563-58-6	
cis-1,3-Dichloropropene	<0.21	ug/L	0.69	0.21	1		07/23/18 17:27	10061-01-5	
trans-1,3-Dichloropropene	<0.24	ug/L	0.81	0.24	1		07/23/18 17:27	10061-02-6	
Ethylbenzene	<0.11	ug/L	0.36	0.11	1		07/23/18 17:27	100-41-4	
Hexachloro-1,3-butadiene	<0.28	ug/L	0.92	0.28	1		07/23/18 17:27	87-68-3	
Isopropylbenzene (Cumene)	<0.17	ug/L	0.57	0.17	1		07/23/18 17:27	98-82-8	
p-Isopropyltoluene	<0.21	ug/L	0.71	0.21	1		07/23/18 17:27	99-87-6	N2
Methylene Chloride	<0.97	ug/L	3.2	0.97	1		07/23/18 17:27	75-09-2	
Methyl-tert-butyl ether	<0.17	ug/L	0.56	0.17	1		07/23/18 17:27	1634-04-4	
Naphthalene	<0.18	ug/L	0.60	0.18	1		07/23/18 17:27	91-20-3	
n-Propylbenzene	<0.13	ug/L	0.44	0.13	1		07/23/18 17:27	103-65-1	
Styrene	<0.18	ug/L	0.59	0.18	1		07/23/18 17:27	100-42-5	
1,1,1,2-Tetrachloroethane	<0.12	ug/L	0.39	0.12	1		07/23/18 17:27	630-20-6	
1,1,1,2,2-Tetrachloroethane	<0.17	ug/L	0.56	0.17	1		07/23/18 17:27	79-34-5	
Tetrachloroethene	<0.17	ug/L	0.56	0.17	1		07/23/18 17:27	127-18-4	
Toluene	<0.078	ug/L	0.26	0.078	1		07/23/18 17:27	108-88-3	
1,2,3-Trichlorobenzene	<0.25	ug/L	0.83	0.25	1		07/23/18 17:27	87-61-6	
1,2,4-Trichlorobenzene	<0.19	ug/L	0.64	0.19	1		07/23/18 17:27	120-82-1	
1,1,1-Trichloroethane	<0.19	ug/L	0.62	0.19	1		07/23/18 17:27	71-55-6	
1,1,2-Trichloroethane	<0.19	ug/L	0.62	0.19	1		07/23/18 17:27	79-00-5	
Trichloroethene	<0.12	ug/L	0.39	0.12	1		07/23/18 17:27	79-01-6	
Trichlorofluoromethane	<0.21	ug/L	0.70	0.21	1		07/23/18 17:27	75-69-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 3783 KELLY'S
Pace Project No.: 40172795

Sample: CHURCH **Lab ID: 40172795003** Collected: 07/17/18 14:55 Received: 07/20/18 08:50 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
524.2 MSV		Analytical Method: EPA 524.2							
1,2,3-Trichloropropane	<0.39	ug/L	1.3	0.39	1		07/23/18 17:27	96-18-4	
1,2,4-Trimethylbenzene	<0.23	ug/L	0.76	0.23	1		07/23/18 17:27	95-63-6	
1,3,5-Trimethylbenzene	<0.15	ug/L	0.49	0.15	1		07/23/18 17:27	108-67-8	N2
Vinyl chloride	<0.086	ug/L	0.29	0.086	1		07/23/18 17:27	75-01-4	
Xylene (Total)	<0.30	ug/L	1.0	0.30	1		07/23/18 17:27	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	105	%	75-125		1		07/23/18 17:27	460-00-4	
Toluene-d8 (S)	102	%	75-125		1		07/23/18 17:27	2037-26-5	
1,2-Dichloroethane-d4 (S)	86	%	75-125		1		07/23/18 17:27	17060-07-0	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 3783 KELLY'S

Pace Project No.: 40172795

QC Batch:	295407	Analysis Method:	WI MOD GRO
QC Batch Method:	WI MOD GRO	Analysis Description:	WIGRO GCV Water
Associated Lab Samples:	40172795001, 40172795002		

METHOD BLANK: 1726845 Matrix: Water

Associated Lab Samples: 40172795001, 40172795002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4-Trimethylbenzene	ug/L	<0.34	1.1	07/25/18 11:22	
1,3,5-Trimethylbenzene	ug/L	<0.33	1.1	07/25/18 11:22	
Benzene	ug/L	<0.31	1.0	07/25/18 11:22	
Ethylbenzene	ug/L	<0.33	1.1	07/25/18 11:22	
m&p-Xylene	ug/L	<0.66	2.2	07/25/18 11:22	
Methyl-tert-butyl ether	ug/L	<0.32	1.1	07/25/18 11:22	
Naphthalene	ug/L	<0.51	1.7	07/25/18 11:22	
o-Xylene	ug/L	<0.32	1.0	07/25/18 11:22	
Toluene	ug/L	<0.49	1.6	07/25/18 11:22	
a,a,a-Trifluorotoluene (S)	%	99	80-120	07/25/18 11:22	

LABORATORY CONTROL SAMPLE & LCSD: 1726846 1726847

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,2,4-Trimethylbenzene	ug/L	20	19.8	21.5	99	107	80-120	8	20	
1,3,5-Trimethylbenzene	ug/L	20	19.2	20.9	96	104	80-120	8	20	
Benzene	ug/L	20	18.9	20.1	94	100	80-120	6	20	
Ethylbenzene	ug/L	20	19.4	20.8	97	104	80-120	7	20	
m&p-Xylene	ug/L	40	38.3	41.0	96	103	80-120	7	20	
Methyl-tert-butyl ether	ug/L	20	19.3	19.8	96	99	80-120	2	20	
Naphthalene	ug/L	20	18.8	19.8	94	99	80-120	5	20	
o-Xylene	ug/L	20	19.3	20.6	97	103	80-120	6	20	
Toluene	ug/L	20	19.0	20.1	95	101	80-120	6	20	
a,a,a-Trifluorotoluene (S)	%				99	98	80-120			

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QUALITY CONTROL DATA

Project: 3783 KELLY'S
Pace Project No.: 40172795

QC Batch: 551960 Analysis Method: EPA 524.2
QC Batch Method: EPA 524.2 Analysis Description: 524.2 MSV
Associated Lab Samples: 40172795003

METHOD BLANK: 2999506 Matrix: Water
Associated Lab Samples: 40172795003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<0.12	0.39	07/23/18 12:47	
1,1,1-Trichloroethane	ug/L	<0.19	0.62	07/23/18 12:47	
1,1,2,2-Tetrachloroethane	ug/L	<0.17	0.56	07/23/18 12:47	
1,1,2-Trichloroethane	ug/L	<0.19	0.62	07/23/18 12:47	
1,1-Dichloroethane	ug/L	<0.16	0.55	07/23/18 12:47	
1,1-Dichloroethene	ug/L	<0.19	0.62	07/23/18 12:47	
1,1-Dichloropropene	ug/L	<0.10	0.35	07/23/18 12:47	
1,2,3-Trichlorobenzene	ug/L	<0.25	0.83	07/23/18 12:47	MN
1,2,3-Trichloropropane	ug/L	<0.39	1.3	07/23/18 12:47	
1,2,4-Trichlorobenzene	ug/L	<0.19	0.64	07/23/18 12:47	
1,2,4-Trimethylbenzene	ug/L	<0.23	0.76	07/23/18 12:47	MN
1,2-Dibromo-3-chloropropane	ug/L	<2.0	6.5	07/23/18 12:47	MN,N2
1,2-Dibromoethane (EDB)	ug/L	<0.17	0.57	07/23/18 12:47	N2
1,2-Dichlorobenzene	ug/L	<0.18	0.58	07/23/18 12:47	
1,2-Dichloroethane	ug/L	<0.13	0.45	07/23/18 12:47	
1,2-Dichloropropane	ug/L	<0.19	0.64	07/23/18 12:47	
1,3,5-Trimethylbenzene	ug/L	<0.15	0.49	07/23/18 12:47	MN,N2
1,3-Dichlorobenzene	ug/L	<0.14	0.46	07/23/18 12:47	
1,3-Dichloropropane	ug/L	<0.11	0.35	07/23/18 12:47	N2
1,4-Dichlorobenzene	ug/L	<0.086	0.29	07/23/18 12:47	
2,2-Dichloropropane	ug/L	<0.16	0.53	07/23/18 12:47	
2-Chlorotoluene	ug/L	<0.086	0.29	07/23/18 12:47	
4-Chlorotoluene	ug/L	<0.093	0.31	07/23/18 12:47	
Benzene	ug/L	<0.12	0.41	07/23/18 12:47	
Bromobenzene	ug/L	<0.23	0.76	07/23/18 12:47	
Bromochloromethane	ug/L	<0.30	0.99	07/23/18 12:47	
Bromodichloromethane	ug/L	<0.15	0.50	07/23/18 12:47	
Bromoform	ug/L	<0.86	2.9	07/23/18 12:47	
Bromomethane	ug/L	<0.62	2.1	07/23/18 12:47	
Carbon disulfide	ug/L	<0.11	0.37	07/23/18 12:47	N2
Carbon tetrachloride	ug/L	<0.20	0.67	07/23/18 12:47	
Chlorobenzene	ug/L	<0.12	0.40	07/23/18 12:47	
Chloroethane	ug/L	<0.14	0.47	07/23/18 12:47	
Chloroform	ug/L	<0.31	1.0	07/23/18 12:47	
Chloromethane	ug/L	<0.15	0.51	07/23/18 12:47	
cis-1,2-Dichloroethene	ug/L	<0.14	0.46	07/23/18 12:47	
cis-1,3-Dichloropropene	ug/L	<0.21	0.69	07/23/18 12:47	
Dibromochloromethane	ug/L	<0.24	0.81	07/23/18 12:47	
Dibromomethane	ug/L	<0.23	0.76	07/23/18 12:47	
Dichlorodifluoromethane	ug/L	<0.26	0.87	07/23/18 12:47	
Ethylbenzene	ug/L	<0.11	0.36	07/23/18 12:47	

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QUALITY CONTROL DATA

Project: 3783 KELLY'S

Pace Project No.: 40172795

METHOD BLANK: 2999506

Matrix: Water

Associated Lab Samples: 40172795003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Hexachloro-1,3-butadiene	ug/L	<0.28	0.92	07/23/18 12:47	
Isopropylbenzene (Cumene)	ug/L	<0.17	0.57	07/23/18 12:47	MN
Methyl-tert-butyl ether	ug/L	<0.17	0.56	07/23/18 12:47	
Methylene Chloride	ug/L	<0.97	3.2	07/23/18 12:47	
n-Butylbenzene	ug/L	<0.14	0.47	07/23/18 12:47	MN
n-Propylbenzene	ug/L	<0.13	0.44	07/23/18 12:47	
Naphthalene	ug/L	<0.18	0.60	07/23/18 12:47	
p-Isopropyltoluene	ug/L	<0.21	0.71	07/23/18 12:47	N2
sec-Butylbenzene	ug/L	<0.20	0.68	07/23/18 12:47	
Styrene	ug/L	<0.18	0.59	07/23/18 12:47	MN
tert-Butylbenzene	ug/L	<0.14	0.46	07/23/18 12:47	
Tetrachloroethene	ug/L	<0.17	0.56	07/23/18 12:47	
Toluene	ug/L	<0.078	0.26	07/23/18 12:47	
trans-1,2-Dichloroethene	ug/L	<0.18	0.59	07/23/18 12:47	
trans-1,3-Dichloropropene	ug/L	<0.24	0.81	07/23/18 12:47	
Trichloroethene	ug/L	<0.12	0.39	07/23/18 12:47	
Trichlorofluoromethane	ug/L	<0.21	0.70	07/23/18 12:47	
Vinyl chloride	ug/L	<0.086	0.29	07/23/18 12:47	
Xylene (Total)	ug/L	<0.30	1.0	07/23/18 12:47	
1,2-Dichloroethane-d4 (S)	%	85	75-125	07/23/18 12:47	
4-Bromofluorobenzene (S)	%	105	75-125	07/23/18 12:47	
Toluene-d8 (S)	%	101	75-125	07/23/18 12:47	

LABORATORY CONTROL SAMPLE: 2999507

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	20	21.2	106	70-130	
1,1,1-Trichloroethane	ug/L	20	19.5	97	70-130	
1,1,2,2-Tetrachloroethane	ug/L	20	29.0	145	70-130	CH,L3
1,1,2-Trichloroethane	ug/L	20	20.7	103	70-130	
1,1-Dichloroethane	ug/L	20	18.7	94	70-130	
1,1-Dichloroethene	ug/L	20	18.2	91	70-130	
1,1-Dichloropropene	ug/L	20	18.7	93	70-130	
1,2,3-Trichlorobenzene	ug/L	20	20.3	102	70-130	
1,2,3-Trichloropropane	ug/L	20	22.8	114	70-130	
1,2,4-Trichlorobenzene	ug/L	20	21.1	106	70-130	
1,2,4-Trimethylbenzene	ug/L	20	20.3	102	70-130	
1,2-Dibromo-3-chloropropane	ug/L	50	60.9	122	70-130	N2
1,2-Dibromoethane (EDB)	ug/L	20	21.4	107	70-130	N2
1,2-Dichlorobenzene	ug/L	20	21.2	106	70-130	
1,2-Dichloroethane	ug/L	20	17.2	86	70-130	
1,2-Dichloropropane	ug/L	20	21.3	107	70-130	
1,3,5-Trimethylbenzene	ug/L	20	20.5	102	70-130	N2
1,3-Dichlorobenzene	ug/L	20	22.0	110	70-130	

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QUALITY CONTROL DATA

Project: 3783 KELLY'S

Pace Project No.: 40172795

LABORATORY CONTROL SAMPLE: 2999507

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,3-Dichloropropane	ug/L	20	21.1	105	70-130	N2
1,4-Dichlorobenzene	ug/L	20	20.7	104	70-130	
2,2-Dichloropropane	ug/L	20	20.7	104	70-130	
2-Chlorotoluene	ug/L	20	22.2	111	70-130	
4-Chlorotoluene	ug/L	20	21.6	108	70-130	
Benzene	ug/L	20	18.1	91	70-130	
Bromobenzene	ug/L	20	21.2	106	70-130	
Bromochloromethane	ug/L	20	17.6	88	70-130	
Bromodichloromethane	ug/L	20	21.2	106	70-130	
Bromoform	ug/L	20	21.3	106	70-130	
Bromomethane	ug/L	20	17.0	85	70-130	
Carbon disulfide	ug/L	20	18.3	92	70-130	N2
Carbon tetrachloride	ug/L	20	18.9	95	70-130	
Chlorobenzene	ug/L	20	21.1	105	70-130	
Chloroethane	ug/L	20	19.6	98	70-130	
Chloroform	ug/L	20	17.0	85	70-130	
Chloromethane	ug/L	20	17.1	85	70-130	
cis-1,2-Dichloroethene	ug/L	20	19.1	95	70-130	
cis-1,3-Dichloropropene	ug/L	20	20.9	104	70-130	
Dibromochloromethane	ug/L	20	20.9	104	70-130	
Dibromomethane	ug/L	20	20.1	100	70-130	
Dichlorodifluoromethane	ug/L	20	21.3	106	70-130	
Ethylbenzene	ug/L	20	21.9	109	70-130	
Hexachloro-1,3-butadiene	ug/L	20	23.3	117	70-130	
Isopropylbenzene (Cumene)	ug/L	20	20.5	103	70-130	
Methyl-tert-butyl ether	ug/L	20	18.9	95	70-130	
Methylene Chloride	ug/L	20	16.5	83	70-130	
n-Butylbenzene	ug/L	20	21.3	107	70-130	
n-Propylbenzene	ug/L	20	23.1	116	70-130	
Naphthalene	ug/L	20	19.5	98	70-130	
p-Isopropyltoluene	ug/L	20	21.1	105	70-130	N2
sec-Butylbenzene	ug/L	20	21.3	106	70-130	
Styrene	ug/L	20	20.3	101	70-130	
tert-Butylbenzene	ug/L	20	21.3	106	70-130	
Tetrachloroethene	ug/L	20	21.0	105	70-130	
Toluene	ug/L	20	20.0	100	70-130	
trans-1,2-Dichloroethene	ug/L	20	18.0	90	70-130	
trans-1,3-Dichloropropene	ug/L	20	20.7	104	70-130	
Trichloroethene	ug/L	20	18.4	92	70-130	
Trichlorofluoromethane	ug/L	20	17.8	89	70-130	
Vinyl chloride	ug/L	20	20.0	100	70-130	
Xylene (Total)	ug/L	60	66.4	111	70-130	
1,2-Dichloroethane-d4 (S)	%			87	75-125	
4-Bromofluorobenzene (S)	%			103	75-125	
Toluene-d8 (S)	%			100	75-125	

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QUALITY CONTROL DATA

Project: 3783 KELLY'S

Pace Project No.: 40172795

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:		3000822		3000823									
Parameter	Units	10440564001	MS	MSD	MS	MSD	MS	MSD	% Rec	Max	RPD	RPD	Qual
		Result	Spike Conc.	Spike Conc.	Result	Result	% Rec	% Rec	Limits				
1,1,1,2-Tetrachloroethane	ug/L	<0.50	20	20	18.4	18.9	92	95	70-130	3	20		
1,1,1-Trichloroethane	ug/L	<0.50	20	20	18.0	20.1	90	100	70-130	11	20		
1,1,2,2-Tetrachloroethane	ug/L	<0.50	20	20	25.1	25.9	124	128	70-130	3	20	CH	
1,1,2-Trichloroethane	ug/L	<0.50	20	20	17.6	17.6	88	88	70-130	0	20		
1,1-Dichloroethane	ug/L	<0.50	20	20	17.2	18.8	86	94	70-130	9	20		
1,1-Dichloroethene	ug/L	<0.50	20	20	16.9	18.8	85	94	70-130	10	20		
1,1-Dichloropropene	ug/L	<0.50	20	20	17.8	19.7	89	99	70-130	10	20		
1,2,3-Trichlorobenzene	ug/L	<1.0	20	20	20.1	20.7	100	103	70-130	3	20		
1,2,3-Trichloropropane	ug/L	<4.0	20	20	19.3	20.0	94	98	70-130	4	20		
1,2,4-Trichlorobenzene	ug/L	<0.50	20	20	22.0	22.9	110	114	70-130	4	20		
1,2,4-Trimethylbenzene	ug/L	207	20	20	216	226	47	93	70-130	4	20	M1	
1,2-Dibromo-3-chloropropane	ug/L	<10.0	50	50	55.8	58.7	112	117	70-130	5	20	N2	
1,2-Dibromoethane (EDB)	ug/L	<0.50	20	20	18.2	18.6	91	93	70-130	2	20	N2	
1,2-Dichlorobenzene	ug/L	<0.50	20	20	18.7	20.2	93	101	70-130	8	20		
1,2-Dichloroethane	ug/L	0.71	20	20	15.0	17.1	72	82	70-130	13	20		
1,2-Dichloropropane	ug/L	<4.0	20	20	19.0	19.5	95	97	70-130	2	20		
1,3,5-Trimethylbenzene	ug/L	97.3	20	20	110	115	65	89	70-130	4	20	M1,N2	
1,3-Dichlorobenzene	ug/L	<0.50	20	20	19.0	20.7	95	104	70-130	9	20		
1,3-Dichloropropane	ug/L	<0.50	20	20	17.9	18.0	90	90	70-130	0	20	N2	
1,4-Dichlorobenzene	ug/L	<0.50	20	20	18.0	19.2	90	96	70-130	6	20		
2,2-Dichloropropane	ug/L	<1.0	20	20	19.0	21.4	95	107	70-130	12	20		
2-Chlorotoluene	ug/L	<0.50	20	20	21.0	24.2	105	121	70-130	14	20		
4-Chlorotoluene	ug/L	<0.50	20	20	17.8	19.9	89	100	70-130	11	20		
Benzene	ug/L	148	20	20	159	163	58	77	70-130	2	20	M1	
Bromobenzene	ug/L	<0.50	20	20	18.4	19.9	92	100	70-130	8	20		
Bromochloromethane	ug/L	<1.0	20	20	15.4	17.8	77	89	70-130	14	20		
Bromodichloromethane	ug/L	<1.0	20	20	18.5	18.3	93	92	70-130	1	20		
Bromoform	ug/L	<4.0	20	20	17.5	18.4	87	92	70-130	5	20		
Bromomethane	ug/L	<4.0	20	20	16.2	22.0	81	110	70-130	30	20	R1	
Carbon disulfide	ug/L	<1.0	20	20	18.2	19.7	91	98	70-130	8	20	N2	
Carbon tetrachloride	ug/L	<1.0	20	20	17.1	19.5	86	97	70-130	13	20		
Chlorobenzene	ug/L	<0.50	20	20	19.1	20.0	95	100	70-130	5	20		
Chloroethane	ug/L	<1.0	20	20	19.2	21.4	92	103	70-130	11	20		
Chloroform	ug/L	<1.0	20	20	14.6	15.9	73	79	70-130	9	20		
Chloromethane	ug/L	<4.0	20	20	15.4	18.3	75	90	70-130	18	20		
cis-1,2-Dichloroethene	ug/L	<0.50	20	20	17.0	18.5	85	92	70-130	8	20		
cis-1,3-Dichloropropene	ug/L	<0.50	20	20	17.3	17.7	86	89	70-130	2	20		
Dibromochloromethane	ug/L	<0.50	20	20	17.5	18.2	87	91	70-130	4	20		
Dibromomethane	ug/L	<1.0	20	20	16.9	17.4	85	87	70-130	3	20		
Dichlorodifluoromethane	ug/L	<1.0	20	20	19.7	22.5	99	112	70-130	13	20		
Ethylbenzene	ug/L	173	20	20	201	205	137	156	70-130	2	20	M1	
Hexachloro-1,3-butadiene	ug/L	<1.0	20	20	25.6	24.4	128	122	70-130	5	20		
Isopropylbenzene (Cumene)	ug/L	22.5	20	20	42.1	44.8	98	111	70-130	6	20		
Methyl-tert-butyl ether	ug/L	<0.50	20	20	15.6	17.9	78	90	70-130	14	20		
Methylene Chloride	ug/L	<4.0	20	20	13.9	15.7	69	79	70-130	12	20	M1	

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QUALITY CONTROL DATA

Project: 3783 KELLY'S

Pace Project No.: 40172795

Parameter	Units	3000822		3000823		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	RPD	Qual
		10440564001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result								
n-Butylbenzene	ug/L	4.7	20	20	31.0	32.0	132	137	70-130	3	20	M1	
n-Propylbenzene	ug/L	26.7	20	20	48.8	51.2	110	123	70-130	5	20		
Naphthalene	ug/L	72.6	20	20	83.6	90.0	55	87	70-130	7	20	M1	
p-Isopropyltoluene	ug/L	8.3	20	20	31.2	32.8	115	123	70-130	5	20	N2	
sec-Butylbenzene	ug/L	5.2	20	20	25.2	26.3	100	105	70-130	4	20		
Styrene	ug/L	<1.0	20	20	19.2	20.7	94	101	70-130	7	20		
tert-Butylbenzene	ug/L	1.6	20	20	21.9	23.4	102	109	70-130	7	20		
Tetrachloroethene	ug/L	<0.50	20	20	19.4	20.7	97	103	70-130	6	20		
Toluene	ug/L	143	20	20	172	175	141	156	70-130	2	20	M1	
trans-1,2-Dichloroethene	ug/L	<0.50	20	20	16.7	18.1	83	90	70-130	8	20		
trans-1,3-Dichloropropene	ug/L	<0.50	20	20	17.2	17.8	86	89	70-130	3	20		
Trichloroethene	ug/L	<0.40	20	20	17.6	18.0	88	90	70-130	2	20		
Trichlorofluoromethane	ug/L	0.64	20	20	17.2	19.0	83	92	70-130	10	20		
Vinyl chloride	ug/L	<0.20	20	20	18.0	20.8	90	104	70-130	15	20		
Xylene (Total)	ug/L	1110	60	60	1210	1230	167	201	70-130	2	20	ES,MS	
1,2-Dichloroethane-d4 (S)	%.						82	86	75-125				
4-Bromofluorobenzene (S)	%.						106	108	75-125				
Toluene-d8 (S)	%.						100	100	75-125				

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QUALIFIERS

Project: 3783 KELLY'S
Pace Project No.: 40172795

DEFINITIONS

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

ND - Not Detected at or above LOD.

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

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

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

S - Surrogate

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

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

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

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

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

TNI - The NELAC Institute.

LABORATORIES

PASI-G Pace Analytical Services - Green Bay
PASI-M Pace Analytical Services - Minneapolis

ANALYTE QUALIFIERS

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

ES The reported result is estimated because one or more of the constituent results are qualified as such.

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

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

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

MS Analyte recovery in the matrix spike was outside QC limits for one or more of the constituent analytes used in the calculated result.

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

R1 RPD value was outside control limits.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 3783 KELLY'S
Pace Project No.: 40172795

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40172795001	PZ1	WI MOD GRO	295407		
40172795002	TW3	WI MOD GRO	295407		
40172795003	CHURCH	EPA 524.2	551960		

REPORT OF LABORATORY ANALYSIS

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(Please Print Clearly)

Company Name: PEI

Branch/Location:

Project Contact: DAVID LARSEN

Phone: 715-675-9784

Project Number: 3783

Project Name: Kelly's

Project State: WI

Sampled By (Print): David Larsen

Sampled By (Sign): [Signature]

PO #: _____ Regulatory Program: PCFA

Data Package Options (billable)

EPA Level III

EPA Level IV

MS/MSD

On your sample (billable)

NOT needed on your sample

PACE LAB #	CLIENT FIELD ID	COLLECTION		MATRIX
		DATE	TIME	
<u>001</u>	<u>PEI</u>	<u>7/17/18</u>	<u>5:05</u>	<u>GW</u>
<u>002</u>	<u>TW3</u>	<u>L</u>	<u>5:00</u>	<u>L</u>
<u>003</u>	<u>Church</u>	<u>L</u>	<u>2:55</u>	<u>DW</u>



UPPER MIDWEST REGION
MN: 612-607-1700 WI: 920-469-2436

40172795

CHAIN OF CUSTODY

***Preservation Codes**
 A=None B=HCL C=H2SO4 D=HNO3 E=DI Water F=Methanol G=NaOH
 H=Sodium Bisulfate Solution I=Sodium Thiosulfate J=Other

Y/N	Pick Letter	Analyses Requested
<u>N</u>	<u>B</u>	<u>PAUCIN</u>
<u>N</u>	<u>J</u>	<u>LOC 524-2</u>

Quote #: _____

Mail To Contact: _____

Mail To Company: _____

Mail To Address: _____

Invoice To Contact: _____

Invoice To Company: _____

Invoice To Address: _____

Invoice To Phone: _____

CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)	Profile #

Rush Turnaround Time Requested - Prelims (Rush TAT subject to approval/surcharge) Date Needed: _____ Transmit Prelim Rush Results by (complete what you want): _____ Email #1: _____ Email #2: _____ Telephone: _____ Fax: _____ Samples on HOLD are subject to special pricing and release of liability	Relinquished By: <u>[Signature]</u> Date/Time: <u>7/19/18</u>	Received By: _____ Date/Time: _____	PACE Project No. <u>40172795</u> Receipt Temp = <u>1.0</u> °C Sample Receipt pH OK / Adjusted Cooler Custody Seal Present / Not Present Intact / Not Intact
	Relinquished By: <u>WALTC</u> Date/Time: <u>7/20/18 0850</u>	Received By: <u>[Signature]</u> Date/Time: <u>7/20/18 0850</u>	
	Relinquished By: _____ Date/Time: _____	Received By: _____ Date/Time: _____	
	Relinquished By: _____ Date/Time: _____	Received By: _____ Date/Time: _____	
	Relinquished By: _____ Date/Time: _____	Received By: _____ Date/Time: _____	

Sample Preservation Receipt Form

Client Name: D41

Project # 4017-795

All containers needing preservation have been checked and noted below: Yes No N/A

Lab Lot# of pH paper: 10

Lab Std #ID of preservation (if pH adjusted):

Initial when completed:

Date/Time:

Pace Lab #	Glass						Plastic						Vials				Jars			General		VOA Vials (>6mm) *	H2SO4 pH ≤2	NaOH+Zn Act pH ≥9	NaOH pH ≥12	HNO3 pH ≤2	pH after adjusted	Volume (mL)							
	AG1U	AG1H	AG4S	AG4U	AG5U	AG2S	BG3U	BP1U	BP2N	BP2Z	BP3U	BP3C	BP3N	BP3S	DG9A	DG9T	VG9U	VG9H	VG9M	VG9D	JGFU								WGFU	WPFU	SP5T	ZPLC	GN		
001																																			2.5 / 5 / 10
002																																			2.5 / 5 / 10
003																																			2.5 / 5 / 10
004																																			2.5 / 5 / 10
005																																			2.5 / 5 / 10
006																																			2.5 / 5 / 10
007																																			2.5 / 5 / 10
008																																			2.5 / 5 / 10
009																																			2.5 / 5 / 10
010																																			2.5 / 5 / 10
011																																			2.5 / 5 / 10
012																																			2.5 / 5 / 10
013																																			2.5 / 5 / 10
014																																			2.5 / 5 / 10
015																																			2.5 / 5 / 10
016																																			2.5 / 5 / 10
017																																			2.5 / 5 / 10
018																																			2.5 / 5 / 10
019																																			2.5 / 5 / 10
020																																			2.5 / 5 / 10

Exceptions to preservation check: VOA, Coliform, TOC, TOX, TOH, O&G, WI DRO, Phenolics, Other: _____ Headspace in VOA Vials (>6mm): Yes No N/A *If yes look in headspace column

AG1U	1 liter amber glass	BP1U	1 liter plastic unpres	DG9A	40 mL amber ascorbic	JGFU	4 oz amber jar unpres
AG1H	1 liter amber glass HCL	BP2N	500 mL plastic HNO3	DG9T	40 mL amber Na Thio	WGFU	4 oz clear jar unpres
AG4S	125 mL amber glass H2SO4	BP2Z	500 mL plastic NaOH, Znact	VG9U	40 mL clear vial unpres	WPFU	4 oz plastic jar unpres
AG4U	120 mL amber glass unpres	BP3U	250 mL plastic unpres	VG9H	40 mL clear vial HCL		
AG5U	100 mL amber glass unpres	BP3C	250 mL plastic NaOH	VG9M	40 mL clear vial MeOH	SP5T	120 mL plastic Na Thiosulfate
AG2S	500 mL amber glass H2SO4	BP3N	250 mL plastic HNO3	VG9D	40 mL clear vial DI	ZPLC	ziploc bag
BG3U	250 mL clear glass unpres	BP3S	250 mL plastic H2SO4			GN:	



1241 Bellevue Street, Green Bay, WI 54302

Document Name:
Sample Condition Upon Receipt (SCUR)

Document No.:
F-GB-C-031-Rev.07

Document Revised: 25Apr2018

Issuing Authority:
Pace Green Bay Quality Office

Sample Condition Upon Receipt Form (SCUR)

Project #

WO# : 40172795

Client Name: RSI (Kelly's)

Courier: CS Logistics Fed Ex Speedee UPS Walco
 Client Pace Other: _____



Tracking #: 1780087

Custody Seal on Cooler/Box Present: yes no Seals intact: yes no

Custody Seal on Samples Present: yes no Seals intact: yes no

Packing Material: Bubble Wrap Bubble Bags None Other

Thermometer Used SR - 22 Type of Ice: Wet Blue Dry None Samples on ice, cooling process has begun

Cooler Temperature Uncorr: 1.0 / Corr: 1.0

Temp Blank Present: yes no

Biological Tissue is Frozen: yes no

Person examining contents:

Date: 7/19/18

Initials: JM

Temp should be above freezing to 6°C.
Biota Samples may be received at ≤ 0°C.

Chain of Custody Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	1.
Chain of Custody Filled Out:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	2. <u>no sig #, Mail/parcels info</u>
Chain of Custody Relinquished:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	3.
Sampler Name & Signature on COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	4.
Samples Arrived within Hold Time:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	5.
- VOA Samples frozen upon receipt	<input type="checkbox"/> Yes <input type="checkbox"/> No	Date/Time:
Short Hold Time Analysis (<72hr):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	6.
Rush Turn Around Time Requested:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	7.
Sufficient Volume:		8.
For Analysis: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No MS/MSD: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A		
Correct Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	9.
-Pace Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
-Pace IR Containers Used:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Containers Intact:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	10.
Filtered volume received for Dissolved tests	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	11.
Sample Labels match COC:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	12. <u>10 002 - collect time as "5:10"</u>
-Includes date/time/ID/Analysis Matrix: <u>W</u>		<u>7/20/18</u>
Trip Blank Present:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	13.
Trip Blank Custody Seals Present	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Pace Trip Blank Lot # (if purchased):		

Client Notification/ Resolution:

If checked, see attached form for additional comments

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

Project Manager Review: [Signature]

Date: _____

July 27, 2018

DAVID LARSEN
REI
4080 NORTH 20TH AVENUE
Wausau, WI 54401

RE: Project: 3783 KELLY'S
Pace Project No.: 40172801

Dear DAVID LARSEN:

Enclosed are the analytical results for sample(s) received by the laboratory on July 20, 2018. The results relate only to the samples included in this report. Results reported herein conform to the most current, applicable TNI/NELAC standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

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

Sincerely,



Brian Basten
brian.basten@pacelabs.com
(920)469-2436
Project Manager

Enclosures



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: 3783 KELLY'S

Pace Project No.: 40172801

Green Bay Certification IDs

1241 Bellevue Street, Green Bay, WI 54302

Florida/NELAP Certification #: E87948

Illinois Certification #: 200050

Kentucky UST Certification #: 82

Louisiana Certification #: 04168

Minnesota Certification #: 055-999-334

New York Certification #: 12064

North Dakota Certification #: R-150

Virginia VELAP ID: 460263

South Carolina Certification #: 83006001

Texas Certification #: T104704529-14-1

Wisconsin Certification #: 405132750

Wisconsin DATCP Certification #: 105-444

USDA Soil Permit #: P330-16-00157

Federal Fish & Wildlife Permit #: LE51774A-0

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SAMPLE SUMMARY

Project: 3783 KELLY'S

Pace Project No.: 40172801

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40172801001	MW2	Water	07/17/18 15:10	07/20/18 08:30
40172801002	MW3	Water	07/17/18 15:00	07/20/18 08:30
40172801003	MW5R	Water	07/17/18 16:40	07/20/18 08:30
40172801004	MW6	Water	07/17/18 17:20	07/20/18 08:30
40172801005	MW7	Water	07/17/18 15:25	07/20/18 08:30
40172801006	MW9	Water	07/17/18 15:45	07/20/18 08:30
40172801007	OW2	Water	07/17/18 16:55	07/20/18 08:30
40172801008	OW4	Water	07/17/18 16:00	07/20/18 08:30
40172801009	OW5	Water	07/17/18 16:20	07/20/18 08:30
40172801010	OW7	Water	07/17/18 17:30	07/20/18 08:30
40172801011	OW8	Water	07/17/18 16:50	07/20/18 08:30

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SAMPLE ANALYTE COUNT

Project: 3783 KELLY'S

Pace Project No.: 40172801

Lab ID	Sample ID	Method	Analysts	Analytes Reported
40172801001	MW2	WI MOD GRO	ALD	10
40172801002	MW3	WI MOD GRO	ALD	10
40172801003	MW5R	WI MOD GRO	ALD	10
40172801004	MW6	WI MOD GRO	ALD	10
40172801005	MW7	WI MOD GRO	ALD	10
40172801006	MW9	WI MOD GRO	ALD	10
40172801007	OW2	WI MOD GRO	ALD	10
40172801008	OW4	WI MOD GRO	ALD	10
40172801009	OW5	WI MOD GRO	ALD	10
40172801010	OW7	WI MOD GRO	ALD	10
40172801011	OW8	WI MOD GRO	ALD	10

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ANALYTICAL RESULTS

Project: 3783 KELLY'S

Pace Project No.: 40172801

Sample: MW2									
Lab ID: 40172801001 Collected: 07/17/18 15:10 Received: 07/20/18 08:30 Matrix: Water									
Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIGRO GCV Analytical Method: WI MOD GRO									
Benzene	<0.31	ug/L	1.0	0.31	1		07/25/18 16:06	71-43-2	
Ethylbenzene	0.66J	ug/L	1.1	0.33	1		07/25/18 16:06	100-41-4	
Methyl-tert-butyl ether	<0.32	ug/L	1.1	0.32	1		07/25/18 16:06	1634-04-4	
Naphthalene	<0.51	ug/L	1.7	0.51	1		07/25/18 16:06	91-20-3	
Toluene	<0.49	ug/L	1.6	0.49	1		07/25/18 16:06	108-88-3	
1,2,4-Trimethylbenzene	<0.34	ug/L	1.1	0.34	1		07/25/18 16:06	95-63-6	
1,3,5-Trimethylbenzene	<0.33	ug/L	1.1	0.33	1		07/25/18 16:06	108-67-8	
m&p-Xylene	1.2J	ug/L	2.2	0.66	1		07/25/18 16:06	179601-23-1	
o-Xylene	<0.32	ug/L	1.0	0.32	1		07/25/18 16:06	95-47-6	
Surrogates									
a,a,a-Trifluorotoluene (S)	98	%	80-120		1		07/25/18 16:06	98-08-8	

Sample: MW3									
Lab ID: 40172801002 Collected: 07/17/18 15:00 Received: 07/20/18 08:30 Matrix: Water									
Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIGRO GCV Analytical Method: WI MOD GRO									
Benzene	<0.31	ug/L	1.0	0.31	1		07/25/18 16:31	71-43-2	
Ethylbenzene	<0.33	ug/L	1.1	0.33	1		07/25/18 16:31	100-41-4	
Methyl-tert-butyl ether	<0.32	ug/L	1.1	0.32	1		07/25/18 16:31	1634-04-4	
Naphthalene	<0.51	ug/L	1.7	0.51	1		07/25/18 16:31	91-20-3	
Toluene	<0.49	ug/L	1.6	0.49	1		07/25/18 16:31	108-88-3	
1,2,4-Trimethylbenzene	<0.34	ug/L	1.1	0.34	1		07/25/18 16:31	95-63-6	
1,3,5-Trimethylbenzene	<0.33	ug/L	1.1	0.33	1		07/25/18 16:31	108-67-8	
m&p-Xylene	<0.66	ug/L	2.2	0.66	1		07/25/18 16:31	179601-23-1	
o-Xylene	<0.32	ug/L	1.0	0.32	1		07/25/18 16:31	95-47-6	
Surrogates									
a,a,a-Trifluorotoluene (S)	99	%	80-120		1		07/25/18 16:31	98-08-8	

Sample: MW5R									
Lab ID: 40172801003 Collected: 07/17/18 16:40 Received: 07/20/18 08:30 Matrix: Water									
Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIGRO GCV Analytical Method: WI MOD GRO									
Benzene	<0.31	ug/L	1.0	0.31	1		07/26/18 12:05	71-43-2	
Ethylbenzene	<0.33	ug/L	1.1	0.33	1		07/26/18 12:05	100-41-4	
Methyl-tert-butyl ether	<0.32	ug/L	1.1	0.32	1		07/26/18 12:05	1634-04-4	
Naphthalene	<0.51	ug/L	1.7	0.51	1		07/26/18 12:05	91-20-3	
Toluene	<0.49	ug/L	1.6	0.49	1		07/26/18 12:05	108-88-3	
1,2,4-Trimethylbenzene	<0.34	ug/L	1.1	0.34	1		07/26/18 12:05	95-63-6	
1,3,5-Trimethylbenzene	<0.33	ug/L	1.1	0.33	1		07/26/18 12:05	108-67-8	
m&p-Xylene	<0.66	ug/L	2.2	0.66	1		07/26/18 12:05	179601-23-1	
o-Xylene	<0.32	ug/L	1.0	0.32	1		07/26/18 12:05	95-47-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 3783 KELLY'S

Pace Project No.: 40172801

Sample: MW5R **Lab ID: 40172801003** Collected: 07/17/18 16:40 Received: 07/20/18 08:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIGRO GCV Analytical Method: WI MOD GRO									
Surrogates									
a,a,a-Trifluorotoluene (S)	98	%	80-120		1		07/26/18 12:05	98-08-8	

Sample: MW6 **Lab ID: 40172801004** Collected: 07/17/18 17:20 Received: 07/20/18 08:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIGRO GCV Analytical Method: WI MOD GRO									
Benzene	<1.5	ug/L	5.1	1.5	5		07/26/18 12:31	71-43-2	
Ethylbenzene	277	ug/L	5.5	1.6	5		07/26/18 12:31	100-41-4	
Methyl-tert-butyl ether	3.1J	ug/L	5.4	1.6	5		07/26/18 12:31	1634-04-4	
Naphthalene	155	ug/L	8.4	2.5	5		07/26/18 12:31	91-20-3	
Toluene	209	ug/L	8.2	2.4	5		07/26/18 12:31	108-88-3	
1,2,4-Trimethylbenzene	356	ug/L	5.7	1.7	5		07/26/18 12:31	95-63-6	
1,3,5-Trimethylbenzene	81.5	ug/L	5.4	1.6	5		07/26/18 12:31	108-67-8	
m&p-Xylene	908	ug/L	10.9	3.3	5		07/26/18 12:31	179601-23-1	
o-Xylene	369	ug/L	5.2	1.6	5		07/26/18 12:31	95-47-6	
Surrogates									
a,a,a-Trifluorotoluene (S)	105	%	80-120		5		07/26/18 12:31	98-08-8	

Sample: MW7 **Lab ID: 40172801005** Collected: 07/17/18 15:25 Received: 07/20/18 08:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIGRO GCV Analytical Method: WI MOD GRO									
Benzene	<0.31	ug/L	1.0	0.31	1		07/25/18 21:41	71-43-2	
Ethylbenzene	<0.33	ug/L	1.1	0.33	1		07/25/18 21:41	100-41-4	
Methyl-tert-butyl ether	<0.32	ug/L	1.1	0.32	1		07/25/18 21:41	1634-04-4	
Naphthalene	<0.51	ug/L	1.7	0.51	1		07/25/18 21:41	91-20-3	
Toluene	<0.49	ug/L	1.6	0.49	1		07/25/18 21:41	108-88-3	
1,2,4-Trimethylbenzene	<0.34	ug/L	1.1	0.34	1		07/25/18 21:41	95-63-6	
1,3,5-Trimethylbenzene	<0.33	ug/L	1.1	0.33	1		07/25/18 21:41	108-67-8	
m&p-Xylene	<0.66	ug/L	2.2	0.66	1		07/25/18 21:41	179601-23-1	
o-Xylene	<0.32	ug/L	1.0	0.32	1		07/25/18 21:41	95-47-6	
Surrogates									
a,a,a-Trifluorotoluene (S)	97	%	80-120		1		07/25/18 21:41	98-08-8	

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ANALYTICAL RESULTS

Project: 3783 KELLY'S
Pace Project No.: 40172801

Sample: MW9									
Lab ID: 40172801006 Collected: 07/17/18 15:45 Received: 07/20/18 08:30 Matrix: Water									
Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIGRO GCV Analytical Method: WI MOD GRO									
Benzene	<0.31	ug/L	1.0	0.31	1		07/25/18 16:57	71-43-2	
Ethylbenzene	<0.33	ug/L	1.1	0.33	1		07/25/18 16:57	100-41-4	
Methyl-tert-butyl ether	<0.32	ug/L	1.1	0.32	1		07/25/18 16:57	1634-04-4	
Naphthalene	<0.51	ug/L	1.7	0.51	1		07/25/18 16:57	91-20-3	
Toluene	<0.49	ug/L	1.6	0.49	1		07/25/18 16:57	108-88-3	
1,2,4-Trimethylbenzene	<0.34	ug/L	1.1	0.34	1		07/25/18 16:57	95-63-6	
1,3,5-Trimethylbenzene	<0.33	ug/L	1.1	0.33	1		07/25/18 16:57	108-67-8	
m&p-Xylene	<0.66	ug/L	2.2	0.66	1		07/25/18 16:57	179601-23-1	
o-Xylene	<0.32	ug/L	1.0	0.32	1		07/25/18 16:57	95-47-6	
Surrogates									
a,a,a-Trifluorotoluene (S)	98	%	80-120		1		07/25/18 16:57	98-08-8	

Sample: OW2									
Lab ID: 40172801007 Collected: 07/17/18 16:55 Received: 07/20/18 08:30 Matrix: Water									
Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIGRO GCV Analytical Method: WI MOD GRO									
Benzene	37.5	ug/L	20.4	6.1	20		07/25/18 19:58	71-43-2	
Ethylbenzene	57.0	ug/L	22.0	6.6	20		07/25/18 19:58	100-41-4	
Methyl-tert-butyl ether	12.7J	ug/L	21.4	6.4	20		07/25/18 19:58	1634-04-4	
Naphthalene	511	ug/L	33.6	10.1	20		07/25/18 19:58	91-20-3	
Toluene	101	ug/L	32.6	9.8	20		07/25/18 19:58	108-88-3	
1,2,4-Trimethylbenzene	1410	ug/L	22.8	6.8	20		07/25/18 19:58	95-63-6	
1,3,5-Trimethylbenzene	410	ug/L	21.8	6.6	20		07/25/18 19:58	108-67-8	
m&p-Xylene	2010	ug/L	43.6	13.1	20		07/25/18 19:58	179601-23-1	
o-Xylene	734	ug/L	21.0	6.3	20		07/25/18 19:58	95-47-6	
Surrogates									
a,a,a-Trifluorotoluene (S)	104	%	80-120		20		07/25/18 19:58	98-08-8	

Sample: OW4									
Lab ID: 40172801008 Collected: 07/17/18 16:00 Received: 07/20/18 08:30 Matrix: Water									
Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIGRO GCV Analytical Method: WI MOD GRO									
Benzene	963	ug/L	102	30.6	100		07/25/18 19:32	71-43-2	
Ethylbenzene	3260	ug/L	110	32.9	100		07/25/18 19:32	100-41-4	
Methyl-tert-butyl ether	<32.0	ug/L	107	32.0	100		07/25/18 19:32	1634-04-4	
Naphthalene	720	ug/L	168	50.6	100		07/25/18 19:32	91-20-3	
Toluene	16100	ug/L	163	48.9	100		07/25/18 19:32	108-88-3	
1,2,4-Trimethylbenzene	2280	ug/L	114	34.2	100		07/25/18 19:32	95-63-6	
1,3,5-Trimethylbenzene	613	ug/L	109	32.8	100		07/25/18 19:32	108-67-8	
m&p-Xylene	11300	ug/L	218	65.5	100		07/25/18 19:32	179601-23-1	
o-Xylene	4220	ug/L	105	31.5	100		07/25/18 19:32	95-47-6	

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ANALYTICAL RESULTS

Project: 3783 KELLY'S

Pace Project No.: 40172801

Sample: OW4 **Lab ID: 40172801008** Collected: 07/17/18 16:00 Received: 07/20/18 08:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIGRO GCV Analytical Method: WI MOD GRO									
Surrogates									
a,a,a-Trifluorotoluene (S)	103	%	80-120		100		07/25/18 19:32	98-08-8	

Sample: OW5 **Lab ID: 40172801009** Collected: 07/17/18 16:20 Received: 07/20/18 08:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIGRO GCV Analytical Method: WI MOD GRO									
Benzene	<0.31	ug/L	1.0	0.31	1		07/25/18 22:59	71-43-2	
Ethylbenzene	<0.33	ug/L	1.1	0.33	1		07/25/18 22:59	100-41-4	
Methyl-tert-butyl ether	<0.32	ug/L	1.1	0.32	1		07/25/18 22:59	1634-04-4	
Naphthalene	<0.51	ug/L	1.7	0.51	1		07/25/18 22:59	91-20-3	
Toluene	<0.49	ug/L	1.6	0.49	1		07/25/18 22:59	108-88-3	
1,2,4-Trimethylbenzene	<0.34	ug/L	1.1	0.34	1		07/25/18 22:59	95-63-6	
1,3,5-Trimethylbenzene	<0.33	ug/L	1.1	0.33	1		07/25/18 22:59	108-67-8	
m&p-Xylene	<0.66	ug/L	2.2	0.66	1		07/25/18 22:59	179601-23-1	
o-Xylene	<0.32	ug/L	1.0	0.32	1		07/25/18 22:59	95-47-6	
Surrogates									
a,a,a-Trifluorotoluene (S)	98	%	80-120		1		07/25/18 22:59	98-08-8	

Sample: OW7 **Lab ID: 40172801010** Collected: 07/17/18 17:30 Received: 07/20/18 08:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIGRO GCV Analytical Method: WI MOD GRO									
Benzene	18600	ug/L	255	76.5	250		07/25/18 18:15	71-43-2	
Ethylbenzene	4740	ug/L	275	82.2	250		07/25/18 18:15	100-41-4	
Methyl-tert-butyl ether	<80.0	ug/L	268	80.0	250		07/25/18 18:15	1634-04-4	
Naphthalene	1410	ug/L	420	126	250		07/25/18 18:15	91-20-3	
Toluene	42000	ug/L	408	122	250		07/25/18 18:15	108-88-3	
1,2,4-Trimethylbenzene	5440	ug/L	285	85.5	250		07/25/18 18:15	95-63-6	
1,3,5-Trimethylbenzene	1630	ug/L	272	82.0	250		07/25/18 18:15	108-67-8	
m&p-Xylene	16700	ug/L	545	164	250		07/25/18 18:15	179601-23-1	
o-Xylene	7210	ug/L	262	78.8	250		07/25/18 18:15	95-47-6	
Surrogates									
a,a,a-Trifluorotoluene (S)	99	%	80-120		250		07/25/18 18:15	98-08-8	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 3783 KELLY'S

Pace Project No.: 40172801

Sample: OW8 **Lab ID: 40172801011** Collected: 07/17/18 16:50 Received: 07/20/18 08:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIGRO GCV									
Analytical Method: WI MOD GRO									
Benzene	1160	ug/L	255	76.5	250		07/26/18 15:44	71-43-2	
Ethylbenzene	1750	ug/L	275	82.2	250		07/26/18 15:44	100-41-4	
Methyl-tert-butyl ether	<80.0	ug/L	268	80.0	250		07/26/18 15:44	1634-04-4	
Naphthalene	729	ug/L	420	126	250		07/26/18 15:44	91-20-3	
Toluene	23300	ug/L	408	122	250		07/26/18 15:44	108-88-3	
1,2,4-Trimethylbenzene	1430	ug/L	285	85.5	250		07/26/18 15:44	95-63-6	
1,3,5-Trimethylbenzene	388	ug/L	272	82.0	250		07/26/18 15:44	108-67-8	
m&p-Xylene	6370	ug/L	545	164	250		07/26/18 15:44	179601-23-1	
o-Xylene	3290	ug/L	262	78.8	250		07/26/18 15:44	95-47-6	
Surrogates									
a,a,a-Trifluorotoluene (S)	105	%	80-120		250		07/26/18 15:44	98-08-8	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 3783 KELLY'S
Pace Project No.: 40172801

QC Batch: 295407 Analysis Method: WI MOD GRO
QC Batch Method: WI MOD GRO Analysis Description: WIGRO GCV Water
Associated Lab Samples: 40172801001, 40172801002, 40172801003, 40172801004, 40172801005, 40172801006, 40172801007, 40172801008, 40172801009, 40172801010

METHOD BLANK: 1726845 Matrix: Water
Associated Lab Samples: 40172801001, 40172801002, 40172801003, 40172801004, 40172801005, 40172801006, 40172801007, 40172801008, 40172801009, 40172801010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4-Trimethylbenzene	ug/L	<0.34	1.1	07/25/18 11:22	
1,3,5-Trimethylbenzene	ug/L	<0.33	1.1	07/25/18 11:22	
Benzene	ug/L	<0.31	1.0	07/25/18 11:22	
Ethylbenzene	ug/L	<0.33	1.1	07/25/18 11:22	
m&p-Xylene	ug/L	<0.66	2.2	07/25/18 11:22	
Methyl-tert-butyl ether	ug/L	<0.32	1.1	07/25/18 11:22	
Naphthalene	ug/L	<0.51	1.7	07/25/18 11:22	
o-Xylene	ug/L	<0.32	1.0	07/25/18 11:22	
Toluene	ug/L	<0.49	1.6	07/25/18 11:22	
a,a,a-Trifluorotoluene (S)	%	99	80-120	07/25/18 11:22	

LABORATORY CONTROL SAMPLE & LCSD: 1726846 1726847

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,2,4-Trimethylbenzene	ug/L	20	19.8	21.5	99	107	80-120	8	20	
1,3,5-Trimethylbenzene	ug/L	20	19.2	20.9	96	104	80-120	8	20	
Benzene	ug/L	20	18.9	20.1	94	100	80-120	6	20	
Ethylbenzene	ug/L	20	19.4	20.8	97	104	80-120	7	20	
m&p-Xylene	ug/L	40	38.3	41.0	96	103	80-120	7	20	
Methyl-tert-butyl ether	ug/L	20	19.3	19.8	96	99	80-120	2	20	
Naphthalene	ug/L	20	18.8	19.8	94	99	80-120	5	20	
o-Xylene	ug/L	20	19.3	20.6	97	103	80-120	6	20	
Toluene	ug/L	20	19.0	20.1	95	101	80-120	6	20	
a,a,a-Trifluorotoluene (S)	%				99	98	80-120			

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1727256 1727257

Parameter	Units	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40172792007 Result	Spike Conc.	Spike Conc.	MS Result						
1,2,4-Trimethylbenzene	ug/L	<0.34	20	20	15.9	17.5	80	87	51-160	9	20
1,3,5-Trimethylbenzene	ug/L	<0.33	20	20	17.0	18.4	85	92	56-146	8	20
Benzene	ug/L	<0.31	20	20	20.1	20.5	101	102	71-137	2	20
Ethylbenzene	ug/L	<0.33	20	20	20.8	21.4	104	107	71-141	3	20
m&p-Xylene	ug/L	<0.66	40	40	39.0	40.6	98	101	66-141	4	20
Methyl-tert-butyl ether	ug/L	<0.32	20	20	19.5	18.9	98	95	80-120	3	20
Naphthalene	ug/L	<0.51	20	20	19.4	19.5	97	98	67-138	1	20
o-Xylene	ug/L	<0.32	20	20	19.8	20.4	99	102	75-133	3	20

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

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 3783 KELLY'S

Pace Project No.: 40172801

Parameter	Units	40172792007		1727256		1727257		% Rec	% Rec	% Rec	Limits	RPD	Max RPD	Qual
		Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec							
Toluene	ug/L	<0.49	20	20	20.3	20.6	101	103	76-134	2	20			
a,a,a-Trifluorotoluene (S)	%						99	97	80-120					

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QUALITY CONTROL DATA

Project: 3783 KELLY'S
Pace Project No.: 40172801

QC Batch: 295512 Analysis Method: WI MOD GRO
QC Batch Method: WI MOD GRO Analysis Description: WIGRO GCV Water
Associated Lab Samples: 40172801011

METHOD BLANK: 1727507 Matrix: Water
Associated Lab Samples: 40172801011

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4-Trimethylbenzene	ug/L	<0.34	1.1	07/26/18 08:55	
1,3,5-Trimethylbenzene	ug/L	<0.33	1.1	07/26/18 08:55	
Benzene	ug/L	<0.31	1.0	07/26/18 08:55	
Ethylbenzene	ug/L	<0.33	1.1	07/26/18 08:55	
m&p-Xylene	ug/L	<0.66	2.2	07/26/18 08:55	
Methyl-tert-butyl ether	ug/L	<0.32	1.1	07/26/18 08:55	
Naphthalene	ug/L	<0.51	1.7	07/26/18 08:55	
o-Xylene	ug/L	<0.32	1.0	07/26/18 08:55	
Toluene	ug/L	<0.49	1.6	07/26/18 08:55	
a,a,a-Trifluorotoluene (S)	%	102	80-120	07/26/18 08:55	

LABORATORY CONTROL SAMPLE & LCSD: 1727508

1727509

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,2,4-Trimethylbenzene	ug/L	20	19.7	20.4	99	102	80-120	3	20	
1,3,5-Trimethylbenzene	ug/L	20	19.1	19.7	95	99	80-120	3	20	
Benzene	ug/L	20	20.2	19.9	101	100	80-120	1	20	
Ethylbenzene	ug/L	20	19.9	20.1	99	100	80-120	1	20	
m&p-Xylene	ug/L	40	39.1	39.8	98	99	80-120	2	20	
Methyl-tert-butyl ether	ug/L	20	19.8	20.5	99	103	80-120	4	20	
Naphthalene	ug/L	20	18.3	20.4	92	102	80-120	11	20	
o-Xylene	ug/L	20	19.9	20.2	99	101	80-120	2	20	
Toluene	ug/L	20	20.2	20.1	101	101	80-120	0	20	
a,a,a-Trifluorotoluene (S)	%				101	102	80-120			

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1727973

1727974

Parameter	Units	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40172842003 Result	Spike Conc.	Spike Conc.	MS Result						
1,2,4-Trimethylbenzene	ug/L	<0.34	20	20	21.8	22.3	109	111	51-160	2	20
1,3,5-Trimethylbenzene	ug/L	<0.33	20	20	21.1	21.5	105	108	56-146	2	20
Benzene	ug/L	<0.31	20	20	21.4	21.4	107	107	71-137	0	20
Ethylbenzene	ug/L	<0.33	20	20	21.9	22.0	110	110	71-141	0	20
m&p-Xylene	ug/L	<0.66	40	40	43.2	43.5	108	109	66-141	1	20
Methyl-tert-butyl ether	ug/L	0.70J	20	20	20.6	21.5	100	104	80-120	4	20
Naphthalene	ug/L	<0.51	20	20	20.4	21.9	102	110	67-138	7	20
o-Xylene	ug/L	<0.32	20	20	21.7	21.9	109	110	75-133	1	20
Toluene	ug/L	<0.49	20	20	21.9	21.9	109	109	76-134	0	20

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 3783 KELLY'S

Pace Project No.: 40172801

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1727973												1727974	
Parameter	Units	40172842003 Result	MS	MSD	MS	MSD	MS	MSD	% Rec	% Rec	Limits	Max	Qual
			Spike	Spike		Result		Result					
a,a,a-Trifluorotoluene (S)	%		Conc.	Conc.	Result	Result	% Rec	% Rec	101	101	80-120		

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QUALIFIERS

Project: 3783 KELLY'S
Pace Project No.: 40172801

DEFINITIONS

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

ND - Not Detected at or above LOD.

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

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

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

S - Surrogate

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

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

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

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

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

TNI - The NELAC Institute.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 3783 KELLY'S

Pace Project No.: 40172801

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40172801001	MW2	WI MOD GRO	295407		
40172801002	MW3	WI MOD GRO	295407		
40172801003	MW5R	WI MOD GRO	295407		
40172801004	MW6	WI MOD GRO	295407		
40172801005	MW7	WI MOD GRO	295407		
40172801006	MW9	WI MOD GRO	295407		
40172801007	OW2	WI MOD GRO	295407		
40172801008	OW4	WI MOD GRO	295407		
40172801009	OW5	WI MOD GRO	295407		
40172801010	OW7	WI MOD GRO	295407		
40172801011	OW8	WI MOD GRO	295512		

REPORT OF LABORATORY ANALYSIS

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(Please Print Clearly)

Company Name: PEI
 Branch/Location:
 Project Contact: David LaSzel
 Phone: 75-675-9784
 Project Number: 23783
 Project Name: Kelly's
 Project State: WI
 Sampled By (Print): David LaSzel
 Sampled By (Sign): [Signature]



UPPER MIDWEST REGION
 MN: 612-607-1700 WI: 920-469-2436

40172801

CHAIN OF CUSTODY

***Preservation Codes**
 A=None B=HCL C=H2SO4 D=HNO3 E=DI Water F=Methanol G=NaOH
 H=Sodium Bisulfate Solution I=Sodium Thiosulfate J=Other

PO #: _____ Regulatory Program: PEFA

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

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

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

PACE LAB #	CLIENT FIELD ID	COLLECTION		MATRIX	Y/N	Pick Letter	Analyses Requested	Filtered?	Preservation Code	Quote #	Mail To Contact	Mail To Company	Mail To Address	Invoice To Contact	Invoice To Company	Invoice To Address	Invoice To Phone	CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)	Profile #	
		DATE	TIME																		
001	MW2	7/17/18	3:10	GW	N	B	None														
002	MW3		3:00																		
003	MW5R		4:40																		
004	MW6		5:20																		
005	MW7		3:25																		
006	MW9		3:45																		
007	DW2		4:55																		
008	DW4		4:00																		
009	DW5		4:20																		
010	DW6		5:30																		
011	DW7		4:50																		
012	DW8																				

Rush Turnaround Time Requested - Prelims (Rush TAT subject to approval/surcharge)
 Date Needed: _____

Transmit Prelim Rush Results by (complete what you want): _____

Relinquished By: <u>[Signature]</u>	Date/Time: <u>7/19/18</u>	Received By: _____	Date/Time: _____	PACE Project No. <u>40172801</u> Receipt Temp = <u>1.0</u> °C Sample Receipt pH <u>OK / Adjusted</u> Cooler Custody Seal <u>Present / Not Present</u> <u>Intact / Not Intact</u>
Relinquished By: <u>WALTCO</u>	Date/Time: <u>7/19/18 0850</u>	Received By: <u>[Signature]</u>	Date/Time: <u>7/19/18 0850</u>	
Relinquished By: _____	Date/Time: _____	Received By: _____	Date/Time: _____	
Relinquished By: _____	Date/Time: _____	Received By: _____	Date/Time: _____	

Samples on HOLD are subject to special pricing and release of liability

Sample Preservation Receipt Form

Client Name: 241

Project # 40172801

All containers needing preservation have been checked and noted below: Yes No N/A

Lab Lot# of pH paper:

Lab Std #ID of preservation (if pH adjusted):


Initial when completed:

Date/Time:

Pace Lab #	Glass						Plastic						Vials				Jars			General			VOA Vials (>6mm) *	H2SO4 pH ≤2	NaOH+Zn Act pH ≥9	NaOH pH ≥12	HNO3 pH ≤2	pH after adjusted	Volume (mL)		
	AG1U	AG1H	AG4S	AG4U	AG5U	AG2S	BG3U	BP1U	BP2N	BP2Z	BP3U	BP3C	BP3S	DG9A	DG9T	VG9U	VG9H	VG9M	VG9D	JGFU	WGFU	WPFU								SP5T	ZPLC
001																3															2.5 / 5 / 10
002																3															2.5 / 5 / 10
003																3															2.5 / 5 / 10
004																3															2.5 / 5 / 10
005																3															2.5 / 5 / 10
006																3															2.5 / 5 / 10
007																3															2.5 / 5 / 10
008																3															2.5 / 5 / 10
009																3															2.5 / 5 / 10
010																3															2.5 / 5 / 10
011																3															2.5 / 5 / 10
012																3															2.5 / 5 / 10
013																3															2.5 / 5 / 10
014																3															2.5 / 5 / 10
015																3															2.5 / 5 / 10
016																3															2.5 / 5 / 10
017																3															2.5 / 5 / 10
018																3															2.5 / 5 / 10
019																3															2.5 / 5 / 10
020																3															2.5 / 5 / 10

Exceptions to preservation check: VOA, Coliform, TOC, TOX, TOH, O&G, WI DRO, Phenolics, Other: _____ Headspace in VOA Vials (>6mm) : Yes No N/A *If yes look in headspace column

AG1U 1 liter amber glass	BP1U 1 liter plastic unpres	DG9A 40 mL amber ascorbic	JGFU 4 oz amber jar unpres
AG1H 1 liter amber glass HCL	BP2N 500 mL plastic HNO3	DG9T 40 mL amber Na Thio	WGFU 4 oz clear jar unpres
AG4S 125 mL amber glass H2SO4	BP2Z 500 mL plastic NaOH, Znact	VG9U 40 mL clear vial unpres	WPFU 4 oz plastic jar unpres
AG4U 120 mL amber glass unpres	BP3U 250 mL plastic unpres	VG9H 40 mL clear vial HCL	
AG5U 100 mL amber glass unpres	BP3C 250 mL plastic NaOH	VG9M 40 mL clear vial MeOH	SP5T 120 mL plastic Na Thiosulfate
AG2S 500 mL amber glass H2SO4	BP3N 250 mL plastic HNO3	VG9D 40 mL clear vial DI	ZPLC ziploc bag
BG3U 250 mL clear glass unpres	BP3S 250 mL plastic H2SO4		GN:

 1241 Bellevue Street, Green Bay, WI 54302	Document Name: Sample Condition Upon Receipt (SCUR)	Document Revised: 25Apr2018
	Document No.: F-GB-C-031-Rev.07	Issuing Authority: Pace Green Bay Quality Office

Sample Condition Upon Receipt Form (SCUR)

Project #: **WO# : 40172801**

Client Name: RGI
 Courier: CS Logistics Fed Ex Speedee UPS Walco
 Client Pace Other: _____



Tracking #: 178 0087
 Custody Seal on Cooler/Box Present: yes no Seals intact: yes no
 Custody Seal on Samples Present: yes no Seals intact: yes no
 Packing Material: Bubble Wrap Bubble Bags None Other
 Thermometer Used: SR - 22 Type of Ice: Wet Blue Dry None Samples on ice, cooling process has begun
 Cooler Temperature: Uncorr: 2.0 /Corr: 1.0

Temp Blank Present: yes no Biological Tissue is Frozen: yes no
 Temp should be above freezing to 6°C.
 Biota Samples may be received at ≤ 0°C.

Person examining contents:
 Date: 7/20/18
 Initials: JM

Chain of Custody Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	1.
Chain of Custody Filled Out:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	2. <u>noy #, mni. report inside info</u> <u>JM 7/20/18</u>
Chain of Custody Relinquished:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	3.
Sampler Name & Signature on COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	4.
Samples Arrived within Hold Time:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	5.
- VOA Samples frozen upon receipt	<input type="checkbox"/> Yes <input type="checkbox"/> No	Date/Time:
Short Hold Time Analysis (<72hr):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	6.
Rush Turn Around Time Requested:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	7.
Sufficient Volume:		8. <u>1</u>
For Analysis: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No MS/MSD: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A		
Correct Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	9.
-Pace Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
-Pace IR Containers Used:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Containers Intact:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	10.
Filtered volume received for Dissolved tests	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	11.
Sample Labels match COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	12.
-Includes date/time/ID/Analysis Matrix: <u>W</u>		
Trip Blank Present:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	13.
Trip Blank Custody Seals Present	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Pace Trip Blank Lot # (if purchased):		

Client Notification/ Resolution: _____ If checked, see attached form for additional comments
 Person Contacted: _____ Date/Time: _____
 Comments/ Resolution: 1 sample point CD ("OVB") missing JM 7/20/18

Project Manager Review: [Signature] Date: 7-20-18

November 13, 2018

DAVID LARSEN
REI
4080 NORTH 20TH AVENUE
Wausau, WI 54401

RE: Project: 3782 KELLY'S GRAND VIEW
Pace Project No.: 40179334

Dear DAVID LARSEN:

Enclosed are the analytical results for sample(s) received by the laboratory on November 09, 2018. The results relate only to the samples included in this report. Results reported herein conform to the most current, applicable TNI/NELAC standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

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

Sincerely,



Brian Basten
brian.basten@pacelabs.com
(920)469-2436
Project Manager

Enclosures



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: 3782 KELLY'S GRAND VIEW

Pace Project No.: 40179334

Green Bay Certification IDs

1241 Bellevue Street, Green Bay, WI 54302

Florida/NELAP Certification #: E87948

Illinois Certification #: 200050

Kentucky UST Certification #: 82

Louisiana Certification #: 04168

Minnesota Certification #: 055-999-334

New York Certification #: 12064

North Dakota Certification #: R-150

Virginia VELAP ID: 460263

South Carolina Certification #: 83006001

Texas Certification #: T104704529-14-1

Wisconsin Certification #: 405132750

Wisconsin DATCP Certification #: 105-444

USDA Soil Permit #: P330-16-00157

Federal Fish & Wildlife Permit #: LE51774A-0

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: 3782 KELLY'S GRAND VIEW

Pace Project No.: 40179334

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40179334001	MW2	Water	11/06/18 15:00	11/09/18 09:00
40179334002	MW3	Water	11/06/18 14:10	11/09/18 09:00
40179334003	MW5R	Water	11/06/18 16:15	11/09/18 09:00
40179334004	MW6	Water	11/06/18 14:15	11/09/18 09:00
40179334005	MW7	Water	11/06/18 14:46	11/09/18 09:00
40179334006	MW9	Water	11/06/18 14:05	11/09/18 09:00
40179334007	PZ1	Water	11/06/18 16:10	11/09/18 09:00
40179334008	OW2	Water	11/06/18 14:00	11/09/18 09:00
40179334009	OW4	Water	11/06/18 16:00	11/09/18 09:00
40179334010	OW5	Water	11/06/18 15:25	11/09/18 09:00
40179334011	OW6	Water	11/06/18 14:50	11/09/18 09:00
40179334012	OW7	Water	11/06/18 15:50	11/09/18 09:00

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SAMPLE ANALYTE COUNT

Project: 3782 KELLY'S GRAND VIEW

Pace Project No.: 40179334

Lab ID	Sample ID	Method	Analysts	Analytes Reported
40179334001	MW2	WI MOD GRO	ALD	10
40179334002	MW3	WI MOD GRO	ALD	10
40179334003	MW5R	WI MOD GRO	ALD	10
40179334004	MW6	WI MOD GRO	ALD	10
40179334005	MW7	WI MOD GRO	ALD	10
40179334006	MW9	WI MOD GRO	ALD	10
40179334007	PZ1	WI MOD GRO	ALD	10
40179334008	OW2	WI MOD GRO	ALD	10
40179334009	OW4	WI MOD GRO	ALD	10
40179334010	OW5	WI MOD GRO	ALD	10
40179334011	OW6	WI MOD GRO	ALD	10
40179334012	OW7	WI MOD GRO	ALD	10

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ANALYTICAL RESULTS

Project: 3782 KELLY'S GRAND VIEW

Pace Project No.: 40179334

Sample: MW2 Lab ID: 40179334001 Collected: 11/06/18 15:00 Received: 11/09/18 09:00 Matrix: Water									
Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIGRO GCV Analytical Method: WI MOD GRO									
Benzene	<0.31	ug/L	1.0	0.31	1		11/12/18 10:51	71-43-2	
Ethylbenzene	0.37J	ug/L	1.1	0.33	1		11/12/18 10:51	100-41-4	
Methyl-tert-butyl ether	<0.32	ug/L	1.1	0.32	1		11/12/18 10:51	1634-04-4	
Naphthalene	1.1J	ug/L	1.7	0.51	1		11/12/18 10:51	91-20-3	
Toluene	<0.49	ug/L	1.6	0.49	1		11/12/18 10:51	108-88-3	
1,2,4-Trimethylbenzene	0.36J	ug/L	1.1	0.34	1		11/12/18 10:51	95-63-6	
1,3,5-Trimethylbenzene	<0.33	ug/L	1.1	0.33	1		11/12/18 10:51	108-67-8	
m&p-Xylene	0.68J	ug/L	2.2	0.66	1		11/12/18 10:51	179601-23-1	
o-Xylene	<0.32	ug/L	1.0	0.32	1		11/12/18 10:51	95-47-6	
Surrogates									
a,a,a-Trifluorotoluene (S)	101	%	80-120		1		11/12/18 10:51	98-08-8	

Sample: MW3 Lab ID: 40179334002 Collected: 11/06/18 14:10 Received: 11/09/18 09:00 Matrix: Water									
Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIGRO GCV Analytical Method: WI MOD GRO									
Benzene	<0.31	ug/L	1.0	0.31	1		11/12/18 11:17	71-43-2	
Ethylbenzene	<0.33	ug/L	1.1	0.33	1		11/12/18 11:17	100-41-4	
Methyl-tert-butyl ether	<0.32	ug/L	1.1	0.32	1		11/12/18 11:17	1634-04-4	
Naphthalene	<0.51	ug/L	1.7	0.51	1		11/12/18 11:17	91-20-3	
Toluene	<0.49	ug/L	1.6	0.49	1		11/12/18 11:17	108-88-3	
1,2,4-Trimethylbenzene	<0.34	ug/L	1.1	0.34	1		11/12/18 11:17	95-63-6	
1,3,5-Trimethylbenzene	<0.33	ug/L	1.1	0.33	1		11/12/18 11:17	108-67-8	
m&p-Xylene	<0.66	ug/L	2.2	0.66	1		11/12/18 11:17	179601-23-1	
o-Xylene	<0.32	ug/L	1.0	0.32	1		11/12/18 11:17	95-47-6	
Surrogates									
a,a,a-Trifluorotoluene (S)	100	%	80-120		1		11/12/18 11:17	98-08-8	

Sample: MW5R Lab ID: 40179334003 Collected: 11/06/18 16:15 Received: 11/09/18 09:00 Matrix: Water									
Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIGRO GCV Analytical Method: WI MOD GRO									
Benzene	<0.31	ug/L	1.0	0.31	1		11/12/18 11:42	71-43-2	
Ethylbenzene	<0.33	ug/L	1.1	0.33	1		11/12/18 11:42	100-41-4	
Methyl-tert-butyl ether	<0.32	ug/L	1.1	0.32	1		11/12/18 11:42	1634-04-4	
Naphthalene	<0.51	ug/L	1.7	0.51	1		11/12/18 11:42	91-20-3	
Toluene	<0.49	ug/L	1.6	0.49	1		11/12/18 11:42	108-88-3	
1,2,4-Trimethylbenzene	<0.34	ug/L	1.1	0.34	1		11/12/18 11:42	95-63-6	
1,3,5-Trimethylbenzene	<0.33	ug/L	1.1	0.33	1		11/12/18 11:42	108-67-8	
m&p-Xylene	<0.66	ug/L	2.2	0.66	1		11/12/18 11:42	179601-23-1	
o-Xylene	<0.32	ug/L	1.0	0.32	1		11/12/18 11:42	95-47-6	

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ANALYTICAL RESULTS

Project: 3782 KELLY'S GRAND VIEW

Pace Project No.: 40179334

Sample: MW5R Lab ID: 40179334003 Collected: 11/06/18 16:15 Received: 11/09/18 09:00 Matrix: Water									
Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIGRO GCV Analytical Method: WI MOD GRO									
Surrogates									
a,a,a-Trifluorotoluene (S)	100	%	80-120		1		11/12/18 11:42	98-08-8	

Sample: MW6 Lab ID: 40179334004 Collected: 11/06/18 14:15 Received: 11/09/18 09:00 Matrix: Water									
Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIGRO GCV Analytical Method: WI MOD GRO									
Benzene	0.79J	ug/L	2.0	0.61	2		11/12/18 17:40	71-43-2	
Ethylbenzene	135	ug/L	2.2	0.66	2		11/12/18 17:40	100-41-4	
Methyl-tert-butyl ether	1.0J	ug/L	2.1	0.64	2		11/12/18 17:40	1634-04-4	
Naphthalene	81.8	ug/L	3.4	1.0	2		11/12/18 17:40	91-20-3	
Toluene	32.2	ug/L	3.3	0.98	2		11/12/18 17:40	108-88-3	
1,2,4-Trimethylbenzene	283	ug/L	2.3	0.68	2		11/12/18 17:40	95-63-6	
1,3,5-Trimethylbenzene	86.1	ug/L	2.2	0.66	2		11/12/18 17:40	108-67-8	
m&p-Xylene	548	ug/L	4.4	1.3	2		11/12/18 17:40	179601-23-1	
o-Xylene	219	ug/L	2.1	0.63	2		11/12/18 17:40	95-47-6	
Surrogates									
a,a,a-Trifluorotoluene (S)	103	%	80-120		2		11/12/18 17:40	98-08-8	

Sample: MW7 Lab ID: 40179334005 Collected: 11/06/18 14:46 Received: 11/09/18 09:00 Matrix: Water									
Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIGRO GCV Analytical Method: WI MOD GRO									
Benzene	<0.31	ug/L	1.0	0.31	1		11/12/18 18:57	71-43-2	
Ethylbenzene	<0.33	ug/L	1.1	0.33	1		11/12/18 18:57	100-41-4	
Methyl-tert-butyl ether	<0.32	ug/L	1.1	0.32	1		11/12/18 18:57	1634-04-4	
Naphthalene	<0.51	ug/L	1.7	0.51	1		11/12/18 18:57	91-20-3	
Toluene	<0.49	ug/L	1.6	0.49	1		11/12/18 18:57	108-88-3	
1,2,4-Trimethylbenzene	<0.34	ug/L	1.1	0.34	1		11/12/18 18:57	95-63-6	
1,3,5-Trimethylbenzene	<0.33	ug/L	1.1	0.33	1		11/12/18 18:57	108-67-8	
m&p-Xylene	<0.66	ug/L	2.2	0.66	1		11/12/18 18:57	179601-23-1	
o-Xylene	<0.32	ug/L	1.0	0.32	1		11/12/18 18:57	95-47-6	
Surrogates									
a,a,a-Trifluorotoluene (S)	101	%	80-120		1		11/12/18 18:57	98-08-8	

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ANALYTICAL RESULTS

Project: 3782 KELLY'S GRAND VIEW

Pace Project No.: 40179334

Sample: MW9 Lab ID: 40179334006 Collected: 11/06/18 14:05 Received: 11/09/18 09:00 Matrix: Water									
Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIGRO GCV Analytical Method: WI MOD GRO									
Benzene	<0.31	ug/L	1.0	0.31	1		11/12/18 12:08	71-43-2	
Ethylbenzene	<0.33	ug/L	1.1	0.33	1		11/12/18 12:08	100-41-4	
Methyl-tert-butyl ether	<0.32	ug/L	1.1	0.32	1		11/12/18 12:08	1634-04-4	
Naphthalene	<0.51	ug/L	1.7	0.51	1		11/12/18 12:08	91-20-3	
Toluene	<0.49	ug/L	1.6	0.49	1		11/12/18 12:08	108-88-3	
1,2,4-Trimethylbenzene	<0.34	ug/L	1.1	0.34	1		11/12/18 12:08	95-63-6	
1,3,5-Trimethylbenzene	<0.33	ug/L	1.1	0.33	1		11/12/18 12:08	108-67-8	
m&p-Xylene	<0.66	ug/L	2.2	0.66	1		11/12/18 12:08	179601-23-1	
o-Xylene	<0.32	ug/L	1.0	0.32	1		11/12/18 12:08	95-47-6	
Surrogates									
a,a,a-Trifluorotoluene (S)	101	%	80-120		1		11/12/18 12:08	98-08-8	

Sample: PZ1 Lab ID: 40179334007 Collected: 11/06/18 16:10 Received: 11/09/18 09:00 Matrix: Water									
Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIGRO GCV Analytical Method: WI MOD GRO									
Benzene	8490	ug/L	204	61.2	200		11/12/18 15:33	71-43-2	
Ethylbenzene	2220	ug/L	220	65.8	200		11/12/18 15:33	100-41-4	
Methyl-tert-butyl ether	<64.0	ug/L	214	64.0	200		11/12/18 15:33	1634-04-4	
Naphthalene	576	ug/L	336	101	200		11/12/18 15:33	91-20-3	
Toluene	27400	ug/L	326	97.8	200		11/12/18 15:33	108-88-3	
1,2,4-Trimethylbenzene	1510	ug/L	228	68.4	200		11/12/18 15:33	95-63-6	
1,3,5-Trimethylbenzene	371	ug/L	218	65.6	200		11/12/18 15:33	108-67-8	
m&p-Xylene	8650	ug/L	436	131	200		11/12/18 15:33	179601-23-1	
o-Xylene	4100	ug/L	210	63.0	200		11/12/18 15:33	95-47-6	
Surrogates									
a,a,a-Trifluorotoluene (S)	102	%	80-120		200		11/12/18 15:33	98-08-8	

Sample: OW2 Lab ID: 40179334008 Collected: 11/06/18 14:00 Received: 11/09/18 09:00 Matrix: Water									
Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIGRO GCV Analytical Method: WI MOD GRO									
Benzene	40.1	ug/L	20.4	6.1	20		11/12/18 16:49	71-43-2	
Ethylbenzene	38.0	ug/L	22.0	6.6	20		11/12/18 16:49	100-41-4	
Methyl-tert-butyl ether	10.8J	ug/L	21.4	6.4	20		11/12/18 16:49	1634-04-4	
Naphthalene	498	ug/L	33.6	10.1	20		11/12/18 16:49	91-20-3	
Toluene	76.8	ug/L	32.6	9.8	20		11/12/18 16:49	108-88-3	
1,2,4-Trimethylbenzene	1200	ug/L	22.8	6.8	20		11/12/18 16:49	95-63-6	
1,3,5-Trimethylbenzene	325	ug/L	21.8	6.6	20		11/12/18 16:49	108-67-8	
m&p-Xylene	1870	ug/L	43.6	13.1	20		11/12/18 16:49	179601-23-1	
o-Xylene	741	ug/L	21.0	6.3	20		11/12/18 16:49	95-47-6	

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ANALYTICAL RESULTS

Project: 3782 KELLY'S GRAND VIEW

Pace Project No.: 40179334

Sample: OW2 **Lab ID: 40179334008** Collected: 11/06/18 14:00 Received: 11/09/18 09:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
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WIGRO GCV Analytical Method: WI MOD GRO

Surrogates

a,a,a-Trifluorotoluene (S)	102	%	80-120		20		11/12/18 16:49	98-08-8	
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Sample: OW4 **Lab ID: 40179334009** Collected: 11/06/18 16:00 Received: 11/09/18 09:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
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WIGRO GCV Analytical Method: WI MOD GRO

Benzene	997	ug/L	102	30.6	100		11/12/18 15:58	71-43-2	
Ethylbenzene	3170	ug/L	110	32.9	100		11/12/18 15:58	100-41-4	
Methyl-tert-butyl ether	<32.0	ug/L	107	32.0	100		11/12/18 15:58	1634-04-4	
Naphthalene	690	ug/L	168	50.6	100		11/12/18 15:58	91-20-3	
Toluene	20400	ug/L	163	48.9	100		11/12/18 15:58	108-88-3	
1,2,4-Trimethylbenzene	2410	ug/L	114	34.2	100		11/12/18 15:58	95-63-6	
1,3,5-Trimethylbenzene	625	ug/L	109	32.8	100		11/12/18 15:58	108-67-8	
m&p-Xylene	11200	ug/L	218	65.5	100		11/12/18 15:58	179601-23-1	
o-Xylene	4450	ug/L	105	31.5	100		11/12/18 15:58	95-47-6	
Surrogates									
a,a,a-Trifluorotoluene (S)	101	%	80-120		100		11/12/18 15:58	98-08-8	

Sample: OW5 **Lab ID: 40179334010** Collected: 11/06/18 15:25 Received: 11/09/18 09:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
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WIGRO GCV Analytical Method: WI MOD GRO

Benzene	4.7	ug/L	1.0	0.31	1		11/12/18 12:34	71-43-2	
Ethylbenzene	7.2	ug/L	1.1	0.33	1		11/12/18 12:34	100-41-4	
Methyl-tert-butyl ether	<0.32	ug/L	1.1	0.32	1		11/12/18 12:34	1634-04-4	
Naphthalene	<0.51	ug/L	1.7	0.51	1		11/12/18 12:34	91-20-3	
Toluene	<0.49	ug/L	1.6	0.49	1		11/12/18 12:34	108-88-3	
1,2,4-Trimethylbenzene	0.66J	ug/L	1.1	0.34	1		11/12/18 12:34	95-63-6	
1,3,5-Trimethylbenzene	<0.33	ug/L	1.1	0.33	1		11/12/18 12:34	108-67-8	
m&p-Xylene	1.6J	ug/L	2.2	0.66	1		11/12/18 12:34	179601-23-1	
o-Xylene	<0.32	ug/L	1.0	0.32	1		11/12/18 12:34	95-47-6	
Surrogates									
a,a,a-Trifluorotoluene (S)	102	%	80-120		1		11/12/18 12:34	98-08-8	

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ANALYTICAL RESULTS

Project: 3782 KELLY'S GRAND VIEW

Pace Project No.: 40179334

Sample: OW6 **Lab ID: 40179334011** Collected: 11/06/18 14:50 Received: 11/09/18 09:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIGRO GCV Analytical Method: WI MOD GRO									
Benzene	<3.1	ug/L	10.2	3.1	10		11/12/18 17:15	71-43-2	
Ethylbenzene	181	ug/L	11.0	3.3	10		11/12/18 17:15	100-41-4	
Methyl-tert-butyl ether	10.4J	ug/L	10.7	3.2	10		11/12/18 17:15	1634-04-4	
Naphthalene	133	ug/L	16.8	5.1	10		11/12/18 17:15	91-20-3	
Toluene	7.5J	ug/L	16.3	4.9	10		11/12/18 17:15	108-88-3	
1,2,4-Trimethylbenzene	1160	ug/L	11.4	3.4	10		11/12/18 17:15	95-63-6	
1,3,5-Trimethylbenzene	314	ug/L	10.9	3.3	10		11/12/18 17:15	108-67-8	
m&p-Xylene	119	ug/L	21.8	6.6	10		11/12/18 17:15	179601-23-1	
o-Xylene	15.1	ug/L	10.5	3.2	10		11/12/18 17:15	95-47-6	
Surrogates									
a,a,a-Trifluorotoluene (S)	104	%	80-120		10		11/12/18 17:15	98-08-8	

Sample: OW7 **Lab ID: 40179334012** Collected: 11/06/18 15:50 Received: 11/09/18 09:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIGRO GCV Analytical Method: WI MOD GRO									
Benzene	15100	ug/L	102	30.6	100		11/12/18 16:24	71-43-2	
Ethylbenzene	3070	ug/L	110	32.9	100		11/12/18 16:24	100-41-4	
Methyl-tert-butyl ether	<32.0	ug/L	107	32.0	100		11/12/18 16:24	1634-04-4	
Naphthalene	780	ug/L	168	50.6	100		11/12/18 16:24	91-20-3	
Toluene	34600	ug/L	163	48.9	100		11/12/18 16:24	108-88-3	
1,2,4-Trimethylbenzene	2310	ug/L	114	34.2	100		11/12/18 16:24	95-63-6	
1,3,5-Trimethylbenzene	589	ug/L	109	32.8	100		11/12/18 16:24	108-67-8	
m&p-Xylene	10500	ug/L	218	65.5	100		11/12/18 16:24	179601-23-1	
o-Xylene	4870	ug/L	105	31.5	100		11/12/18 16:24	95-47-6	
Surrogates									
a,a,a-Trifluorotoluene (S)	100	%	80-120		100		11/12/18 16:24	98-08-8	

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QUALITY CONTROL DATA

Project: 3782 KELLY'S GRAND VIEW

Pace Project No.: 40179334

QC Batch:	306148	Analysis Method:	WI MOD GRO
QC Batch Method:	WI MOD GRO	Analysis Description:	WIGRO GCV Water
Associated Lab Samples:	40179334001, 40179334002, 40179334003, 40179334004, 40179334005, 40179334006, 40179334007, 40179334008, 40179334009, 40179334010, 40179334011, 40179334012		

METHOD BLANK:	1790751	Matrix:	Water
Associated Lab Samples:	40179334001, 40179334002, 40179334003, 40179334004, 40179334005, 40179334006, 40179334007, 40179334008, 40179334009, 40179334010, 40179334011, 40179334012		

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4-Trimethylbenzene	ug/L	<0.34	1.1	11/12/18 08:43	
1,3,5-Trimethylbenzene	ug/L	<0.33	1.1	11/12/18 08:43	
Benzene	ug/L	<0.31	1.0	11/12/18 08:43	
Ethylbenzene	ug/L	<0.33	1.1	11/12/18 08:43	
m&p-Xylene	ug/L	<0.66	2.2	11/12/18 08:43	
Methyl-tert-butyl ether	ug/L	<0.32	1.1	11/12/18 08:43	
Naphthalene	ug/L	<0.51	1.7	11/12/18 08:43	
o-Xylene	ug/L	<0.32	1.0	11/12/18 08:43	
Toluene	ug/L	<0.49	1.6	11/12/18 08:43	
a,a,a-Trifluorotoluene (S)	%	101	80-120	11/12/18 08:43	

LABORATORY CONTROL SAMPLE & LCSD: 1790752 1790753

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,2,4-Trimethylbenzene	ug/L	20	20.9	19.9	105	100	80-120	5	20	
1,3,5-Trimethylbenzene	ug/L	20	20.5	19.5	103	97	80-120	5	20	
Benzene	ug/L	20	20.9	19.8	105	99	80-120	5	20	
Ethylbenzene	ug/L	20	21.1	20.1	106	100	80-120	5	20	
m&p-Xylene	ug/L	40	41.5	39.4	104	99	80-120	5	20	
Methyl-tert-butyl ether	ug/L	20	19.4	18.9	97	95	80-120	3	20	
Naphthalene	ug/L	20	19.5	19.5	97	98	80-120	0	20	
o-Xylene	ug/L	20	20.8	19.6	104	98	80-120	6	20	
Toluene	ug/L	20	21.1	20.0	106	100	80-120	6	20	
a,a,a-Trifluorotoluene (S)	%				102	102	80-120			

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1791316 1791317

Parameter	Units	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40179240002 Result	Spike Conc.	Spike Conc.	MS Result						
1,2,4-Trimethylbenzene	ug/L	<0.34	20	20	22.4	22.6	112	113	51-160	1	20
1,3,5-Trimethylbenzene	ug/L	<0.33	20	20	21.8	22.1	109	110	56-146	1	20
Benzene	ug/L	<0.31	20	20	20.3	19.6	101	98	71-137	3	20
Ethylbenzene	ug/L	<0.33	20	20	22.1	22.1	110	111	71-141	0	20
m&p-Xylene	ug/L	<0.66	40	40	43.7	43.7	109	109	66-141	0	20
Methyl-tert-butyl ether	ug/L	<0.32	20	20	18.6	17.9	93	90	80-120	4	20
Naphthalene	ug/L	<0.51	20	20	20.9	21.6	104	108	67-138	3	20
o-Xylene	ug/L	<0.32	20	20	21.6	21.6	108	108	75-133	0	20

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

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 3782 KELLY'S GRAND VIEW

Pace Project No.: 40179334

Parameter	Units	MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1791316		1791317		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	RPD	Qual
		40179240002 Result	MS Spike Conc.	MSD Spike Conc.									
Toluene	ug/L	<0.49	20	20	21.6	21.6	108	108	76-134	0	20		
a,a,a-Trifluorotoluene (S)	%						102	103	80-120				

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

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QUALIFIERS

Project: 3782 KELLY'S GRAND VIEW

Pace Project No.: 40179334

DEFINITIONS

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

ND - Not Detected at or above LOD.

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

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

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

S - Surrogate

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

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

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

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

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

TNI - The NELAC Institute.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 3782 KELLY'S GRAND VIEW

Pace Project No.: 40179334

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40179334001	MW2	WI MOD GRO	306148		
40179334002	MW3	WI MOD GRO	306148		
40179334003	MW5R	WI MOD GRO	306148		
40179334004	MW6	WI MOD GRO	306148		
40179334005	MW7	WI MOD GRO	306148		
40179334006	MW9	WI MOD GRO	306148		
40179334007	PZ1	WI MOD GRO	306148		
40179334008	OW2	WI MOD GRO	306148		
40179334009	OW4	WI MOD GRO	306148		
40179334010	OW5	WI MOD GRO	306148		
40179334011	OW6	WI MOD GRO	306148		
40179334012	OW7	WI MOD GRO	306148		

REPORT OF LABORATORY ANALYSIS

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(Please Print Clearly)

Company Name: REI
 Branch/Location:
 Project Contact: DAVID LARSEN
 Phone: 715-675-9784
 Project Number: 3783
 Project Name: Kelly's Grand View
 Project State: WI
 Sampled By (Print): David Larsen
 Sampled By (Sign): *[Signature]*
 PO #:
 Regulatory Program: PECA



UPPER MIDWEST REGION
 MN: 612-607-1700 WI: 920-469-2436

40179334

CHAIN OF CUSTODY

***Preservation Codes**
 A=None B=HCL C=H2SO4 D=HNO3 E=DI Water F=Methanol G=NaOH
 H=Sodium Bisulfate Solution I=Sodium Thiosulfate J=Other

FILTERED?
(YES/NO)
 PRESERVATION
(CODE)*

Y/N	Pick Letter	Analyses Requested	COLLECTION		
			DATE	TIME	MATRIX
N	B	PECA	11/6/18	3:00	GW
				2:10	
				4:15	
				2:15	
				2:46	
				2:05	
				4:10	
				2:00	
				4:00	
				3:25	
				2:50	
				3:50	

Quote #:
 Mail To Contact: David Larsen
 Mail To Company: REI
 Mail To Address: Darsch @ redengineering.com
 Invoice To Contact: SAA
 Invoice To Company:
 Invoice To Address: ↓
 Invoice To Phone:
 CLIENT COMMENTS
 LAB COMMENTS (Lab Use Only)
 Profile #

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

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

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

PACE LAB #	CLIENT FIELD ID	COLLECTION		MATRIX
		DATE	TIME	
001	MW2	11/6/18	3:00	GW
002	MW3		2:10	
003	MW5R		4:15	
004	MW6		2:15	
005	MW7		2:46	
006	MW9		2:05	
007	PEI		4:10	
008	OW2		2:00	
009	OW4		4:00	
010	OW5		3:25	
011	OW6		2:50	
012	OW7		3:50	

Rush Turnaround Time Requested - Prelims (Rush TAT subject to approval/surcharge)
 Date Needed:
 Transmit Prelim Rush Results by (complete what you want):

Relinquished By: <i>[Signature]</i> Date/Time: 11/8/2018 2:38 pm	Received By: <i>[Signature]</i> Date/Time: 11/4/18 0900	PACE Project No. 40179334 Receipt Temp = 701 °C Sample Receipt pH OK / Adjusted Cooler Custody Seal Present / Not Present Intact / Not Intact
Relinquished By: WACTCO Date/Time: 11/9/18 0900	Received By: <i>[Signature]</i> Date/Time: 11/4/18 0900	
Relinquished By: Date/Time: 	Received By: Date/Time: 	
Relinquished By: Date/Time: 	Received By: Date/Time: 	

Samples on HOLD are subject to special pricing and release of liability

Sample Preservation Receipt Form

Client Name: REI

Project # 40179334

All containers needing preservation have been checked and noted below: Yes No N/A

Lab Lot# of pH paper:

Lab Std #ID of preservation (if pH adjusted):


Initial when completed:

Date/Time:

Pace Lab #	Glass						Plastic						Vials					Jars			General			VOA Vials (>6mm) *	H2SO4 pH ≤2	NaOH+Zn Act pH ≥9	NaOH pH ≥12	HNO3 pH ≤2	pH after adjusted	Volume (mL)						
	AG1U	AG1H	AG4S	AG4U	AG5U	AG2S	BG3U	BP1U	BP2N	BP2Z	BP3U	BP3C	BP3N	BP3S	DG9A	DG9T	VG9U	VG9H	VG9M	VG9D	JGFU	WGFU	WPFU								SP5T	ZPLC	GN			
001																	2																			2.5 / 5 / 10
002																	2																			2.5 / 5 / 10
003																	2																			2.5 / 5 / 10
004																	2																			2.5 / 5 / 10
005																	2																			2.5 / 5 / 10
006																	2																			2.5 / 5 / 10
007																	2																			2.5 / 5 / 10
008																	2																			2.5 / 5 / 10
009																	2																			2.5 / 5 / 10
010																	2																			2.5 / 5 / 10
011																	2																			2.5 / 5 / 10
012																	2																			2.5 / 5 / 10
013																																				2.5 / 5 / 10
014																																				2.5 / 5 / 10
015																																				2.5 / 5 / 10
016																																				2.5 / 5 / 10
017																																				2.5 / 5 / 10
018																																				2.5 / 5 / 10
019																																				2.5 / 5 / 10
020																																				2.5 / 5 / 10

Exceptions to preservation check: VOA, Coliform, TOC, TOX, TOH, O&G, WI DRO, Phenolics, Other: _____ Headspace in VOA Vials (>6mm) : Yes No N/A *If yes look in headspace column

AG1U 1 liter amber glass	BP1U 1 liter plastic unpres	DG9A 40 mL amber ascorbic	JGFU 4 oz amber jar unpres
AG1H 1 liter amber glass HCL	BP2N 500 mL plastic HNO3	DG9T 40 mL amber Na Thio	WGFU 4 oz clear jar unpres
AG4S 125 mL amber glass H2SO4	BP2Z 500 mL plastic NaOH, Znact	VG9U 40 mL clear vial unpres	WPFU 4 oz plastic jar unpres
AG4U 120 mL amber glass unpres	BP3U 250 mL plastic unpres	VG9H 40 mL clear vial HCL	
AG5U 100 mL amber glass unpres	BP3C 250 mL plastic NaOH	VG9M 40 mL clear vial MeOH	SP5T 120 mL plastic Na Thiosulfate
AG2S 500 mL amber glass H2SO4	BP3N 250 mL plastic HNO3	VG9D 40 mL clear vial DI	ZPLC ziploc bag
BG3U 250 mL clear glass unpres	BP3S 250 mL plastic H2SO4		GN:

 1241 Bellevue Street, Green Bay, WI 54302	Document Name: Sample Condition Upon Receipt (SCUR)	Document Revised: 25Apr2018
	Document No.: F-GB-C-031-Rev.07	Issuing Authority: Pace Green Bay Quality Office

Sample Condition Upon Receipt Form (SCUR)

Project #:

WO#: 40179334

 Client Name: REI

 Courier: CS Logistics Fed Ex Speedee UPS Walco
 Client Pace Other: _____

 Tracking #: 1891676-1

 Custody Seal on Cooler/Box Present: yes no Seals intact: yes no

 Custody Seal on Samples Present: yes no Seals intact: yes no

 Packing Material: Bubble Wrap Bubble Bags None Other

 Thermometer Used SR - N/A Type of Ice: Wet Blue Dry None Samples on ice, cooling process has begun

 Cooler Temperature Uncorr: 201 / Corr: _____

 Temp Blank Present: yes no

 Biological Tissue is Frozen: yes no

Person examining contents:

 Date: 11/9/18
 Initials: JM

 Temp should be above freezing to 6°C.
 Biota Samples may be received at ≤ 0°C.

Chain of Custody Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	1.
Chain of Custody Filled Out:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	2. <u>no pg #</u> <u>JM 11/9/18</u>
Chain of Custody Relinquished:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	3.
Sampler Name & Signature on COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	4.
Samples Arrived within Hold Time:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	5.
- VOA Samples frozen upon receipt	<input type="checkbox"/> Yes <input type="checkbox"/> No	Date/Time:
Short Hold Time Analysis (<72hr):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	6.
Rush Turn Around Time Requested:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	7.
Sufficient Volume:		8.
For Analysis: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No MS/MSD: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A		
Correct Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	9.
-Pace Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
-Pace IR Containers Used:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Containers Intact:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	10.
Filtered volume received for Dissolved tests	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	11.
Sample Labels match COC:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	12. <u>005 time 245; 009 ID "000-4R"</u> <u>JM 11/9/18</u>
-Includes date/time/ID/Analysis Matrix:		
Trip Blank Present:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	13.
Trip Blank Custody Seals Present	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Pace Trip Blank Lot # (if purchased):		

Client Notification/ Resolution:

 If checked, see attached form for additional comments

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

Project Manager Review: _____

 Date: 11-9-18

November 26, 2018

DAVID LARSEN
REI
4080 NORTH 20TH AVENUE
Wausau, WI 54401

RE: Project: 3783 KELLY'S GRANDVIEW
Pace Project No.: 40179949

Dear DAVID LARSEN:

Enclosed are the analytical results for sample(s) received by the laboratory on November 20, 2018. The results relate only to the samples included in this report. Results reported herein conform to the most current, applicable TNI/NELAC standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

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

Sincerely,



Brian Basten
brian.basten@pacelabs.com
(920)469-2436
Project Manager

Enclosures



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: 3783 KELLY'S GRANDVIEW

Pace Project No.: 40179949

Green Bay Certification IDs

1241 Bellevue Street, Green Bay, WI 54302

Florida/NELAP Certification #: E87948

Illinois Certification #: 200050

Kentucky UST Certification #: 82

Louisiana Certification #: 04168

Minnesota Certification #: 055-999-334

New York Certification #: 12064

North Dakota Certification #: R-150

Virginia VELAP ID: 460263

South Carolina Certification #: 83006001

Texas Certification #: T104704529-14-1

Wisconsin Certification #: 405132750

Wisconsin DATCP Certification #: 105-444

USDA Soil Permit #: P330-16-00157

Federal Fish & Wildlife Permit #: LE51774A-0

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SAMPLE SUMMARY

Project: 3783 KELLY'S GRANDVIEW

Pace Project No.: 40179949

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40179949001	OW-8	Water	11/15/18 13:50	11/20/18 09:15
40179949002	TW-3	Water	11/15/18 13:55	11/20/18 09:15
40179949003	MW-1	Water	11/15/18 10:38	11/20/18 09:15
40179949004	MW-4	Water	11/15/18 10:26	11/20/18 09:15
40179949005	RW-3	Water	11/15/18 12:18	11/20/18 09:15
40179949006	MW-10	Water	11/15/18 12:46	11/20/18 09:15
40179949007	MW-11	Water	11/15/18 13:36	11/20/18 09:15
40179949008	OW-1	Water	11/15/18 12:50	11/20/18 09:15
40179949009	OW-3	Water	11/15/18 13:06	11/20/18 09:15
40179949010	PZ-2	Water	11/15/18 12:55	11/20/18 09:15
40179949011	TW-1	Water	11/15/18 11:15	11/20/18 09:15
40179949012	RW-1	Water	11/15/18 12:00	11/20/18 09:15
40179949013	RW-2	Water	11/15/18 11:55	11/20/18 09:15
40179949014	RW-4	Water	11/15/18 11:00	11/20/18 09:15
40179949015	RW-5	Water	11/15/18 10:52	11/20/18 09:15

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SAMPLE ANALYTE COUNT

Project: 3783 KELLY'S GRANDVIEW

Pace Project No.: 40179949

Lab ID	Sample ID	Method	Analysts	Analytes Reported
40179949001	OW-8	WI MOD GRO	PMS	10
40179949002	TW-3	WI MOD GRO	PMS	10
40179949003	MW-1	WI MOD GRO	PMS	10
40179949004	MW-4	WI MOD GRO	PMS	10
40179949005	RW-3	WI MOD GRO	PMS	10
40179949006	MW-10	WI MOD GRO	PMS	10
40179949007	MW-11	WI MOD GRO	PMS	10
40179949008	OW-1	WI MOD GRO	PMS	10
40179949009	OW-3	WI MOD GRO	PMS	10
40179949010	PZ-2	WI MOD GRO	PMS	10
40179949011	TW-1	WI MOD GRO	PMS	10
40179949012	RW-1	WI MOD GRO	PMS	10
40179949013	RW-2	WI MOD GRO	PMS	10
40179949014	RW-4	WI MOD GRO	PMS	10
40179949015	RW-5	WI MOD GRO	PMS	10

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ANALYTICAL RESULTS

Project: 3783 KELLY'S GRANDVIEW

Pace Project No.: 40179949

Sample: OW-8 **Lab ID: 40179949001** Collected: 11/15/18 13:50 Received: 11/20/18 09:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIGRO GCV Analytical Method: WI MOD GRO									
Benzene	958	ug/L	102	30.6	100		11/21/18 18:38	71-43-2	
Ethylbenzene	1960	ug/L	110	32.9	100		11/21/18 18:38	100-41-4	
Methyl-tert-butyl ether	<32.0	ug/L	107	32.0	100		11/21/18 18:38	1634-04-4	
Naphthalene	711	ug/L	168	50.6	100		11/21/18 18:38	91-20-3	
Toluene	20600	ug/L	163	48.9	100		11/21/18 18:38	108-88-3	
1,2,4-Trimethylbenzene	1540	ug/L	114	34.2	100		11/21/18 18:38	95-63-6	
1,3,5-Trimethylbenzene	405	ug/L	109	32.8	100		11/21/18 18:38	108-67-8	
m&p-Xylene	6930	ug/L	218	65.5	100		11/21/18 18:38	179601-23-1	
o-Xylene	3450	ug/L	105	31.5	100		11/21/18 18:38	95-47-6	
Surrogates									
a,a,a-Trifluorotoluene (S)	101	%	80-120		100		11/21/18 18:38	98-08-8	

Sample: TW-3 **Lab ID: 40179949002** Collected: 11/15/18 13:55 Received: 11/20/18 09:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIGRO GCV Analytical Method: WI MOD GRO									
Benzene	2080	ug/L	204	61.2	200		11/21/18 19:03	71-43-2	
Ethylbenzene	3210	ug/L	220	65.8	200		11/21/18 19:03	100-41-4	
Methyl-tert-butyl ether	<64.0	ug/L	214	64.0	200		11/21/18 19:03	1634-04-4	
Naphthalene	1130	ug/L	336	101	200		11/21/18 19:03	91-20-3	
Toluene	34900	ug/L	326	97.8	200		11/21/18 19:03	108-88-3	
1,2,4-Trimethylbenzene	2890	ug/L	228	68.4	200		11/21/18 19:03	95-63-6	
1,3,5-Trimethylbenzene	762	ug/L	218	65.6	200		11/21/18 19:03	108-67-8	
m&p-Xylene	10200	ug/L	436	131	200		11/21/18 19:03	179601-23-1	
o-Xylene	4810	ug/L	210	63.0	200		11/21/18 19:03	95-47-6	
Surrogates									
a,a,a-Trifluorotoluene (S)	100	%	80-120		200		11/21/18 19:03	98-08-8	

Sample: MW-1 **Lab ID: 40179949003** Collected: 11/15/18 10:38 Received: 11/20/18 09:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIGRO GCV Analytical Method: WI MOD GRO									
Benzene	<0.31	ug/L	1.0	0.31	1		11/21/18 10:40	71-43-2	
Ethylbenzene	<0.33	ug/L	1.1	0.33	1		11/21/18 10:40	100-41-4	
Methyl-tert-butyl ether	<0.32	ug/L	1.1	0.32	1		11/21/18 10:40	1634-04-4	
Naphthalene	<0.51	ug/L	1.7	0.51	1		11/21/18 10:40	91-20-3	
Toluene	<0.49	ug/L	1.6	0.49	1		11/21/18 10:40	108-88-3	
1,2,4-Trimethylbenzene	<0.34	ug/L	1.1	0.34	1		11/21/18 10:40	95-63-6	
1,3,5-Trimethylbenzene	<0.33	ug/L	1.1	0.33	1		11/21/18 10:40	108-67-8	
m&p-Xylene	<0.66	ug/L	2.2	0.66	1		11/21/18 10:40	179601-23-1	
o-Xylene	<0.32	ug/L	1.0	0.32	1		11/21/18 10:40	95-47-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 3783 KELLY'S GRANDVIEW

Pace Project No.: 40179949

Sample: MW-1 **Lab ID: 40179949003** Collected: 11/15/18 10:38 Received: 11/20/18 09:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
------------	---------	-------	-----	-----	----	----------	----------	---------	------

WIGRO GCV Analytical Method: WI MOD GRO

Surrogates

a,a,a-Trifluorotoluene (S)	100	%	80-120		1		11/21/18 10:40	98-08-8	
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Sample: MW-4 **Lab ID: 40179949004** Collected: 11/15/18 10:26 Received: 11/20/18 09:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
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WIGRO GCV Analytical Method: WI MOD GRO

Benzene	<0.31	ug/L	1.0	0.31	1		11/21/18 21:36	71-43-2	
Ethylbenzene	<0.33	ug/L	1.1	0.33	1		11/21/18 21:36	100-41-4	
Methyl-tert-butyl ether	<0.32	ug/L	1.1	0.32	1		11/21/18 21:36	1634-04-4	
Naphthalene	<0.51	ug/L	1.7	0.51	1		11/21/18 21:36	91-20-3	
Toluene	<0.49	ug/L	1.6	0.49	1		11/21/18 21:36	108-88-3	
1,2,4-Trimethylbenzene	<0.34	ug/L	1.1	0.34	1		11/21/18 21:36	95-63-6	
1,3,5-Trimethylbenzene	<0.33	ug/L	1.1	0.33	1		11/21/18 21:36	108-67-8	
m&p-Xylene	<0.66	ug/L	2.2	0.66	1		11/21/18 21:36	179601-23-1	
o-Xylene	<0.32	ug/L	1.0	0.32	1		11/21/18 21:36	95-47-6	
Surrogates									
a,a,a-Trifluorotoluene (S)	99	%	80-120		1		11/21/18 21:36	98-08-8	

Sample: RW-3 **Lab ID: 40179949005** Collected: 11/15/18 12:18 Received: 11/20/18 09:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
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WIGRO GCV Analytical Method: WI MOD GRO

Benzene	<0.31	ug/L	1.0	0.31	1		11/21/18 13:05	71-43-2	
Ethylbenzene	<0.33	ug/L	1.1	0.33	1		11/21/18 13:05	100-41-4	
Methyl-tert-butyl ether	<0.32	ug/L	1.1	0.32	1		11/21/18 13:05	1634-04-4	
Naphthalene	<0.51	ug/L	1.7	0.51	1		11/21/18 13:05	91-20-3	
Toluene	<0.49	ug/L	1.6	0.49	1		11/21/18 13:05	108-88-3	
1,2,4-Trimethylbenzene	<0.34	ug/L	1.1	0.34	1		11/21/18 13:05	95-63-6	
1,3,5-Trimethylbenzene	<0.33	ug/L	1.1	0.33	1		11/21/18 13:05	108-67-8	
m&p-Xylene	<0.66	ug/L	2.2	0.66	1		11/21/18 13:05	179601-23-1	
o-Xylene	<0.32	ug/L	1.0	0.32	1		11/21/18 13:05	95-47-6	
Surrogates									
a,a,a-Trifluorotoluene (S)	100	%	80-120		1		11/21/18 13:05	98-08-8	

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ANALYTICAL RESULTS

Project: 3783 KELLY'S GRANDVIEW

Pace Project No.: 40179949

Sample: MW-10 **Lab ID: 40179949006** Collected: 11/15/18 12:46 Received: 11/20/18 09:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIGRO GCV Analytical Method: WI MOD GRO									
Benzene	<0.31	ug/L	1.0	0.31	1		11/21/18 13:31	71-43-2	
Ethylbenzene	<0.33	ug/L	1.1	0.33	1		11/21/18 13:31	100-41-4	
Methyl-tert-butyl ether	<0.32	ug/L	1.1	0.32	1		11/21/18 13:31	1634-04-4	
Naphthalene	<0.51	ug/L	1.7	0.51	1		11/21/18 13:31	91-20-3	
Toluene	<0.49	ug/L	1.6	0.49	1		11/21/18 13:31	108-88-3	
1,2,4-Trimethylbenzene	<0.34	ug/L	1.1	0.34	1		11/21/18 13:31	95-63-6	
1,3,5-Trimethylbenzene	<0.33	ug/L	1.1	0.33	1		11/21/18 13:31	108-67-8	
m&p-Xylene	<0.66	ug/L	2.2	0.66	1		11/21/18 13:31	179601-23-1	
o-Xylene	<0.32	ug/L	1.0	0.32	1		11/21/18 13:31	95-47-6	
Surrogates									
a,a,a-Trifluorotoluene (S)	101	%	80-120		1		11/21/18 13:31	98-08-8	

Sample: MW-11 **Lab ID: 40179949007** Collected: 11/15/18 13:36 Received: 11/20/18 09:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIGRO GCV Analytical Method: WI MOD GRO									
Benzene	<0.31	ug/L	1.0	0.31	1		11/21/18 13:57	71-43-2	
Ethylbenzene	<0.33	ug/L	1.1	0.33	1		11/21/18 13:57	100-41-4	
Methyl-tert-butyl ether	<0.32	ug/L	1.1	0.32	1		11/21/18 13:57	1634-04-4	
Naphthalene	<0.51	ug/L	1.7	0.51	1		11/21/18 13:57	91-20-3	
Toluene	<0.49	ug/L	1.6	0.49	1		11/21/18 13:57	108-88-3	
1,2,4-Trimethylbenzene	<0.34	ug/L	1.1	0.34	1		11/21/18 13:57	95-63-6	
1,3,5-Trimethylbenzene	<0.33	ug/L	1.1	0.33	1		11/21/18 13:57	108-67-8	
m&p-Xylene	<0.66	ug/L	2.2	0.66	1		11/21/18 13:57	179601-23-1	
o-Xylene	<0.32	ug/L	1.0	0.32	1		11/21/18 13:57	95-47-6	
Surrogates									
a,a,a-Trifluorotoluene (S)	100	%	80-120		1		11/21/18 13:57	98-08-8	

Sample: OW-1 **Lab ID: 40179949008** Collected: 11/15/18 12:50 Received: 11/20/18 09:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIGRO GCV Analytical Method: WI MOD GRO									
Benzene	<0.31	ug/L	1.0	0.31	1		11/21/18 14:22	71-43-2	
Ethylbenzene	<0.33	ug/L	1.1	0.33	1		11/21/18 14:22	100-41-4	
Methyl-tert-butyl ether	<0.32	ug/L	1.1	0.32	1		11/21/18 14:22	1634-04-4	
Naphthalene	<0.51	ug/L	1.7	0.51	1		11/21/18 14:22	91-20-3	
Toluene	<0.49	ug/L	1.6	0.49	1		11/21/18 14:22	108-88-3	
1,2,4-Trimethylbenzene	<0.34	ug/L	1.1	0.34	1		11/21/18 14:22	95-63-6	
1,3,5-Trimethylbenzene	<0.33	ug/L	1.1	0.33	1		11/21/18 14:22	108-67-8	
m&p-Xylene	<0.66	ug/L	2.2	0.66	1		11/21/18 14:22	179601-23-1	
o-Xylene	<0.32	ug/L	1.0	0.32	1		11/21/18 14:22	95-47-6	

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ANALYTICAL RESULTS

Project: 3783 KELLY'S GRANDVIEW

Pace Project No.: 40179949

Sample: OW-1									
Lab ID: 40179949008									
Collected: 11/15/18 12:50									
Received: 11/20/18 09:15									
Matrix: Water									
Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIGRO GCV									
Analytical Method: WI MOD GRO									
Surrogates									
a,a,a-Trifluorotoluene (S)	100	%	80-120		1		11/21/18 14:22	98-08-8	

Sample: OW-3									
Lab ID: 40179949009									
Collected: 11/15/18 13:06									
Received: 11/20/18 09:15									
Matrix: Water									
Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIGRO GCV									
Analytical Method: WI MOD GRO									
Benzene	<0.31	ug/L	1.0	0.31	1		11/21/18 14:48	71-43-2	
Ethylbenzene	<0.33	ug/L	1.1	0.33	1		11/21/18 14:48	100-41-4	
Methyl-tert-butyl ether	<0.32	ug/L	1.1	0.32	1		11/21/18 14:48	1634-04-4	
Naphthalene	<0.51	ug/L	1.7	0.51	1		11/21/18 14:48	91-20-3	
Toluene	<0.49	ug/L	1.6	0.49	1		11/21/18 14:48	108-88-3	
1,2,4-Trimethylbenzene	<0.34	ug/L	1.1	0.34	1		11/21/18 14:48	95-63-6	
1,3,5-Trimethylbenzene	<0.33	ug/L	1.1	0.33	1		11/21/18 14:48	108-67-8	
m&p-Xylene	<0.66	ug/L	2.2	0.66	1		11/21/18 14:48	179601-23-1	
o-Xylene	<0.32	ug/L	1.0	0.32	1		11/21/18 14:48	95-47-6	
Surrogates									
a,a,a-Trifluorotoluene (S)	100	%	80-120		1		11/21/18 14:48	98-08-8	

Sample: PZ-2									
Lab ID: 40179949010									
Collected: 11/15/18 12:55									
Received: 11/20/18 09:15									
Matrix: Water									
Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIGRO GCV									
Analytical Method: WI MOD GRO									
Benzene	1.6	ug/L	1.0	0.31	1		11/21/18 15:13	71-43-2	
Ethylbenzene	<0.33	ug/L	1.1	0.33	1		11/21/18 15:13	100-41-4	
Methyl-tert-butyl ether	<0.32	ug/L	1.1	0.32	1		11/21/18 15:13	1634-04-4	
Naphthalene	<0.51	ug/L	1.7	0.51	1		11/21/18 15:13	91-20-3	
Toluene	<0.49	ug/L	1.6	0.49	1		11/21/18 15:13	108-88-3	
1,2,4-Trimethylbenzene	<0.34	ug/L	1.1	0.34	1		11/21/18 15:13	95-63-6	
1,3,5-Trimethylbenzene	<0.33	ug/L	1.1	0.33	1		11/21/18 15:13	108-67-8	
m&p-Xylene	0.72J	ug/L	2.2	0.66	1		11/21/18 15:13	179601-23-1	
o-Xylene	<0.32	ug/L	1.0	0.32	1		11/21/18 15:13	95-47-6	
Surrogates									
a,a,a-Trifluorotoluene (S)	100	%	80-120		1		11/21/18 15:13	98-08-8	

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ANALYTICAL RESULTS

Project: 3783 KELLY'S GRANDVIEW

Pace Project No.: 40179949

Sample: TW-1									
Lab ID: 40179949011 Collected: 11/15/18 11:15 Received: 11/20/18 09:15 Matrix: Water									
Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIGRO GCV Analytical Method: WI MOD GRO									
Benzene	<0.31	ug/L	1.0	0.31	1		11/21/18 15:39	71-43-2	
Ethylbenzene	9.2	ug/L	1.1	0.33	1		11/21/18 15:39	100-41-4	
Methyl-tert-butyl ether	<0.32	ug/L	1.1	0.32	1		11/21/18 15:39	1634-04-4	
Naphthalene	<0.51	ug/L	1.7	0.51	1		11/21/18 15:39	91-20-3	
Toluene	0.53J	ug/L	1.6	0.49	1		11/21/18 15:39	108-88-3	
1,2,4-Trimethylbenzene	8.4	ug/L	1.1	0.34	1		11/21/18 15:39	95-63-6	
1,3,5-Trimethylbenzene	<0.33	ug/L	1.1	0.33	1		11/21/18 15:39	108-67-8	
m&p-Xylene	<0.66	ug/L	2.2	0.66	1		11/21/18 15:39	179601-23-1	
o-Xylene	<0.32	ug/L	1.0	0.32	1		11/21/18 15:39	95-47-6	
Surrogates									
a,a,a-Trifluorotoluene (S)	103	%	80-120		1		11/21/18 15:39	98-08-8	

Sample: RW-1									
Lab ID: 40179949012 Collected: 11/15/18 12:00 Received: 11/20/18 09:15 Matrix: Water									
Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIGRO GCV Analytical Method: WI MOD GRO									
Benzene	<0.31	ug/L	1.0	0.31	1		11/21/18 16:04	71-43-2	
Ethylbenzene	<0.33	ug/L	1.1	0.33	1		11/21/18 16:04	100-41-4	
Methyl-tert-butyl ether	<0.32	ug/L	1.1	0.32	1		11/21/18 16:04	1634-04-4	
Naphthalene	<0.51	ug/L	1.7	0.51	1		11/21/18 16:04	91-20-3	
Toluene	<0.49	ug/L	1.6	0.49	1		11/21/18 16:04	108-88-3	
1,2,4-Trimethylbenzene	<0.34	ug/L	1.1	0.34	1		11/21/18 16:04	95-63-6	
1,3,5-Trimethylbenzene	<0.33	ug/L	1.1	0.33	1		11/21/18 16:04	108-67-8	
m&p-Xylene	<0.66	ug/L	2.2	0.66	1		11/21/18 16:04	179601-23-1	
o-Xylene	<0.32	ug/L	1.0	0.32	1		11/21/18 16:04	95-47-6	
Surrogates									
a,a,a-Trifluorotoluene (S)	101	%	80-120		1		11/21/18 16:04	98-08-8	

Sample: RW-2									
Lab ID: 40179949013 Collected: 11/15/18 11:55 Received: 11/20/18 09:15 Matrix: Water									
Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIGRO GCV Analytical Method: WI MOD GRO									
Benzene	<0.31	ug/L	1.0	0.31	1		11/21/18 19:54	71-43-2	
Ethylbenzene	<0.33	ug/L	1.1	0.33	1		11/21/18 19:54	100-41-4	
Methyl-tert-butyl ether	<0.32	ug/L	1.1	0.32	1		11/21/18 19:54	1634-04-4	
Naphthalene	<0.51	ug/L	1.7	0.51	1		11/21/18 19:54	91-20-3	
Toluene	<0.49	ug/L	1.6	0.49	1		11/21/18 19:54	108-88-3	
1,2,4-Trimethylbenzene	<0.34	ug/L	1.1	0.34	1		11/21/18 19:54	95-63-6	
1,3,5-Trimethylbenzene	<0.33	ug/L	1.1	0.33	1		11/21/18 19:54	108-67-8	
m&p-Xylene	<0.66	ug/L	2.2	0.66	1		11/21/18 19:54	179601-23-1	
o-Xylene	<0.32	ug/L	1.0	0.32	1		11/21/18 19:54	95-47-6	

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ANALYTICAL RESULTS

Project: 3783 KELLY'S GRANDVIEW

Pace Project No.: 40179949

Sample: RW-2 Lab ID: 40179949013 Collected: 11/15/18 11:55 Received: 11/20/18 09:15 Matrix: Water									
Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIGRO GCV Analytical Method: WI MOD GRO									
Surrogates									
a,a,a-Trifluorotoluene (S)	100	%	80-120		1		11/21/18 19:54	98-08-8	

Sample: RW-4 Lab ID: 40179949014 Collected: 11/15/18 11:00 Received: 11/20/18 09:15 Matrix: Water									
Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIGRO GCV Analytical Method: WI MOD GRO									
Benzene	<0.31	ug/L	1.0	0.31	1		11/21/18 20:20	71-43-2	
Ethylbenzene	<0.33	ug/L	1.1	0.33	1		11/21/18 20:20	100-41-4	
Methyl-tert-butyl ether	<0.32	ug/L	1.1	0.32	1		11/21/18 20:20	1634-04-4	
Naphthalene	<0.51	ug/L	1.7	0.51	1		11/21/18 20:20	91-20-3	
Toluene	<0.49	ug/L	1.6	0.49	1		11/21/18 20:20	108-88-3	
1,2,4-Trimethylbenzene	<0.34	ug/L	1.1	0.34	1		11/21/18 20:20	95-63-6	
1,3,5-Trimethylbenzene	<0.33	ug/L	1.1	0.33	1		11/21/18 20:20	108-67-8	
m&p-Xylene	<0.66	ug/L	2.2	0.66	1		11/21/18 20:20	179601-23-1	
o-Xylene	<0.32	ug/L	1.0	0.32	1		11/21/18 20:20	95-47-6	
Surrogates									
a,a,a-Trifluorotoluene (S)	100	%	80-120		1		11/21/18 20:20	98-08-8	

Sample: RW-5 Lab ID: 40179949015 Collected: 11/15/18 10:52 Received: 11/20/18 09:15 Matrix: Water									
Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIGRO GCV Analytical Method: WI MOD GRO									
Benzene	<0.31	ug/L	1.0	0.31	1		11/21/18 20:45	71-43-2	
Ethylbenzene	<0.33	ug/L	1.1	0.33	1		11/21/18 20:45	100-41-4	
Methyl-tert-butyl ether	<0.32	ug/L	1.1	0.32	1		11/21/18 20:45	1634-04-4	
Naphthalene	<0.51	ug/L	1.7	0.51	1		11/21/18 20:45	91-20-3	
Toluene	<0.49	ug/L	1.6	0.49	1		11/21/18 20:45	108-88-3	
1,2,4-Trimethylbenzene	<0.34	ug/L	1.1	0.34	1		11/21/18 20:45	95-63-6	
1,3,5-Trimethylbenzene	<0.33	ug/L	1.1	0.33	1		11/21/18 20:45	108-67-8	
m&p-Xylene	<0.66	ug/L	2.2	0.66	1		11/21/18 20:45	179601-23-1	
o-Xylene	<0.32	ug/L	1.0	0.32	1		11/21/18 20:45	95-47-6	
Surrogates									
a,a,a-Trifluorotoluene (S)	100	%	80-120		1		11/21/18 20:45	98-08-8	

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QUALITY CONTROL DATA

Project: 3783 KELLY'S GRANDVIEW
Pace Project No.: 40179949

QC Batch: 307292 Analysis Method: WI MOD GRO
QC Batch Method: WI MOD GRO Analysis Description: WIGRO GCV Water
Associated Lab Samples: 40179949001, 40179949002, 40179949003, 40179949004, 40179949005, 40179949006, 40179949007, 40179949008, 40179949009, 40179949010, 40179949011, 40179949012, 40179949013, 40179949014, 40179949015

METHOD BLANK: 1796683 Matrix: Water
Associated Lab Samples: 40179949001, 40179949002, 40179949003, 40179949004, 40179949005, 40179949006, 40179949007, 40179949008, 40179949009, 40179949010, 40179949011, 40179949012, 40179949013, 40179949014, 40179949015

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4-Trimethylbenzene	ug/L	<0.34	1.1	11/21/18 08:57	
1,3,5-Trimethylbenzene	ug/L	<0.33	1.1	11/21/18 08:57	
Benzene	ug/L	<0.31	1.0	11/21/18 08:57	
Ethylbenzene	ug/L	<0.33	1.1	11/21/18 08:57	
m&p-Xylene	ug/L	<0.66	2.2	11/21/18 08:57	
Methyl-tert-butyl ether	ug/L	<0.32	1.1	11/21/18 08:57	
Naphthalene	ug/L	<0.51	1.7	11/21/18 08:57	
o-Xylene	ug/L	<0.32	1.0	11/21/18 08:57	
Toluene	ug/L	<0.49	1.6	11/21/18 08:57	
a,a,a-Trifluorotoluene (S)	%	100	80-120	11/21/18 08:57	

LABORATORY CONTROL SAMPLE & LCSD: 1796684 1796685

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,2,4-Trimethylbenzene	ug/L	20	20.6	21.0	103	105	80-120	2	20	
1,3,5-Trimethylbenzene	ug/L	20	20.2	20.4	101	102	80-120	1	20	
Benzene	ug/L	20	19.9	20.2	100	101	80-120	1	20	
Ethylbenzene	ug/L	20	20.5	20.7	102	103	80-120	1	20	
m&p-Xylene	ug/L	40	40.3	40.8	101	102	80-120	1	20	
Methyl-tert-butyl ether	ug/L	20	18.7	19.0	94	95	80-120	2	20	
Naphthalene	ug/L	20	19.2	19.8	96	99	80-120	3	20	
o-Xylene	ug/L	20	19.9	20.2	99	101	80-120	2	20	
Toluene	ug/L	20	20.2	20.4	101	102	80-120	1	20	
a,a,a-Trifluorotoluene (S)	%				102	101	80-120			

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1796900 1796901

Parameter	Units	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40179949003 Result	Spike Conc.	Spike Conc.	MS Result						
1,2,4-Trimethylbenzene	ug/L	<0.34	20	20	22.7	23.0	114	115	51-160	1	20
1,3,5-Trimethylbenzene	ug/L	<0.33	20	20	22.3	22.5	112	112	56-146	1	20
Benzene	ug/L	<0.31	20	20	21.6	21.7	108	109	71-137	1	20
Ethylbenzene	ug/L	<0.33	20	20	22.6	22.8	113	114	71-141	1	20
m&p-Xylene	ug/L	<0.66	40	40	44.5	44.9	111	112	66-141	1	20
Methyl-tert-butyl ether	ug/L	<0.32	20	20	18.8	19.7	94	98	80-120	4	20

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

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 3783 KELLY'S GRANDVIEW

Pace Project No.: 40179949

Parameter	Units	40179949003		1796900		1796901		% Rec	% Rec	% Rec	Limits	RPD	Max RPD	Qual
		Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec							
Naphthalene	ug/L	<0.51	20	20	19.9	21.0	100	105	67-138	6	20			
o-Xylene	ug/L	<0.32	20	20	22.0	22.1	110	111	75-133	1	20			
Toluene	ug/L	<0.49	20	20	22.2	22.3	111	112	76-134	1	20			
a,a,a-Trifluorotoluene (S)	%						101	102	80-120					

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

REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: 3783 KELLY'S GRANDVIEW

Pace Project No.: 40179949

DEFINITIONS

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

ND - Not Detected at or above LOD.

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

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

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

S - Surrogate

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

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

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

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

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

TNI - The NELAC Institute.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 3783 KELLY'S GRANDVIEW

Pace Project No.: 40179949

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40179949001	OW-8	WI MOD GRO	307292		
40179949002	TW-3	WI MOD GRO	307292		
40179949003	MW-1	WI MOD GRO	307292		
40179949004	MW-4	WI MOD GRO	307292		
40179949005	RW-3	WI MOD GRO	307292		
40179949006	MW-10	WI MOD GRO	307292		
40179949007	MW-11	WI MOD GRO	307292		
40179949008	OW-1	WI MOD GRO	307292		
40179949009	OW-3	WI MOD GRO	307292		
40179949010	PZ-2	WI MOD GRO	307292		
40179949011	TW-1	WI MOD GRO	307292		
40179949012	RW-1	WI MOD GRO	307292		
40179949013	RW-2	WI MOD GRO	307292		
40179949014	RW-4	WI MOD GRO	307292		
40179949015	RW-5	WI MOD GRO	307292		

REPORT OF LABORATORY ANALYSIS

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(Please Print Clearly)

Company Name: REI Engineering Inc
 Branch/Location: Waukegan
 Project Contact: Dave Larson
 Phone: 715-675-9784
 Project Number: 3783
 Project Name: Kelly's Grandview
 Project State: WI
 Sampled By (Print): Ryan Rosch
 Sampled By (Sign): *[Signature]*
 PO #:

Regulatory Program: WDNR



UPPER MIDWEST REGION
MN: 612-607-1700 WI: 920-469-2436

40179949

CHAIN OF CUSTODY

***Preservation Codes**
 A=None B=HCL C=H2SO4 D=HNO3 E=DI Water F=Methanol G=NaOH
 H=Sodium Bisulfate Solution I=Sodium Thiosulfate J=Other

FILTERED? (YES/NO)
PRESERVATION (CODE)*

Y/N	Pick Letter	Analyses Requested	DATE	TIME	MATRIX	
N	B	PDOC + Neg/Meth/C	11/15/2018	1:50	GW	

Quote #:
 Mail To Contact: Dave Larson
 Mail To Company: REI Engineering Inc
 Mail To Address: DLarson@reiengineering.com
 Invoice To Contact: SAA
 Invoice To Company: I
 Invoice To Address: I
 Invoice To Phone:
 CLIENT COMMENTS:
 LAB COMMENTS (Lab Use Only):
 Profile #:

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

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

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

PACE LAB #	CLIENT FIELD ID	COLLECTION DATE	TIME	MATRIX
001	OW-8	11/15/2018	1:50	GW
002	TW-3		1:55	
003	MW-1		10:38	
004	MW-4		10:26	
005	MW-8 RW-3		12:18	
006	MW-10		12:46	
007	MW-11		11:36	
008	OW-1		12:50	
009	OW-3		1:06	
010	PZ-2		12:55	
011	TW-1		11:15	
012	RW-1		12:00	
013	RW-2		11:55	

Rush Turnaround Time Requested - Prelims (Rush TAT subject to approval/surcharge)
 Date Needed:
 Transmit Prelim Rush Results by (complete what you want):
 Email #1:
 Email #2:
 Telephone:
 Fax:
 Samples on HOLD are subject to special pricing and release of liability

Relinquished By: <i>[Signature]</i>	Date/Time: 11/19/2018 3:00pm	Received By:	Date/Time:
Relinquished By: Waltco	Date/Time: 11/20/18 0915	Received By: <i>[Signature]</i> Pace	Date/Time: 11/20/18 0915
Relinquished By:	Date/Time:	Received By:	Date/Time:
Relinquished By:	Date/Time:	Received By:	Date/Time:

PACE Project No. 40179949
 Receipt Temp = 3 °C
 Sample Receipt pH OK / Adjusted
 Cooler Custody Seal Present / Not Present Intact / Not Intact

(Please Print Clearly)

Company Name: REI Engineering Inc
 Branch/Location: Wausau
 Project Contact: Dave Losen
 Phone: 715-675-9784
 Project Number: 3783
 Project Name: Kelly's Groundwater
 Project State: WI
 Sampled By (Print): Ryan Resch
 Sampled By (Sign): *[Signature]*
 PO #:



UPPER MIDWEST REGION
 MN: 612-607-1700 WI: 920-469-2436

40179949

CHAIN OF CUSTODY

***Preservation Codes**
 A=None B=HCL C=H2SO4 D=HNO3 E=DI Water F=Methanol G=NaOH
 H=Sodium Bisulfate Solution I=Sodium Thiosulfate J=Other

FILTERED?
(YES/NO)

 PRESERVATION
(CODE)*

Y/N	Pick Letter	Analyses Requested	COLLECTION		
			DATE	TIME	MATRIX
N	B	NOCT NegH ₂ O InC			
X			11/15/2018	11:00	GW
X			11/15/2018	10:52	GW

Quote #:
 Mail To Contact: Dave Losen
 Mail To Company: REI Engineering Inc
 Mail To Address: Dlosen@reieengineering.com
 Invoice To Contact: SAA
 Invoice To Company:
 Invoice To Address: I
 Invoice To Phone:
 CLIENT COMMENTS
 LAB COMMENTS (Lab Use Only)
 Profile #

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

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

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

PACE LAB #	CLIENT FIELD ID	COLLECTION		
		DATE	TIME	MATRIX
014	RW-4	11/15/2018	11:00	GW
015	RW-5	11/15/2018	10:52	GW

Rush Turnaround Time Requested - Prelims (Rush TAT subject to approval/surcharge)
 Date Needed:
 Relinquished By: *[Signature]* Date/Time: 11/17/2018 7:00 pm
 Received By: Date/Time:
 Transmit Prelim Rush Results by (complete what you want):
 Relinquished By: Walter Date/Time: 11/20/18 0915
 Received By: John Pace Date/Time: 11/20/18 0915
 PACE Project No. 40179949
 Receipt Temp = 3 °C
 Sample Receipt pH OK / Adjusted
 Cooler Custody Seal Present / Not Present
 Intact / Not Intact

Sample Preservation Receipt Form

Client Name: REI

Project # 40179949

All containers needing preservation have been checked and noted below: Yes No N/A

Initial when completed:

Date/Time:


Lab Lot# of pH paper:

Lab Std #ID of preservation (if pH adjusted):

Pace Lab #	Glass							Plastic							Vials					Jars			General			VOA Vials (>6mm) *	H2SO4 pH ≤2	NaOH+Zn Act pH ≥9	NaOH pH ≥12	HNO3 pH ≤2	pH after adjusted	Volume (mL)		
	AG1U	AG1H	AG4S	AG4U	AG5U	AG2S	BG3U	BP1U	BP2N	BP2Z	BP3U	BP3C	BP3N	BP3S	DG9A	DG9T	VG9U	VG9H	VG9M	VG9D	JGFU	WGFU	WPFU	SP5T	ZPLC								GN	
001																	3																	2.5 / 5 / 10
002																	3																	2.5 / 5 / 10
003																	3																	2.5 / 5 / 10
004																	3																	2.5 / 5 / 10
005																	3																	2.5 / 5 / 10
006																	3																	2.5 / 5 / 10
007																	3																	2.5 / 5 / 10
008																	3																	2.5 / 5 / 10
009																	3																	2.5 / 5 / 10
010																	3																	2.5 / 5 / 10
011																	3																	2.5 / 5 / 10
012																	3																	2.5 / 5 / 10
013																	3																	2.5 / 5 / 10
014																	3																	2.5 / 5 / 10
015																	3																	2.5 / 5 / 10
016																																		2.5 / 5 / 10
017																																		2.5 / 5 / 10
018																																		2.5 / 5 / 10
019																																		2.5 / 5 / 10
020																																		2.5 / 5 / 10

Exceptions to preservation check: VOA, Coliform, TOC, TOX, TOH, O&G, WI DRO, Phenolics, Other: _____ Headspace in VOA Vials (>6mm) : Yes No N/A *If yes look in headspace column

AG1U	1 liter amber glass	BP1U	1 liter plastic unpres	DG9A	40 mL amber ascorbic	JGFU	4 oz amber jar unpres
AG1H	1 liter amber glass HCL	BP2N	500 mL plastic HNO3	DG9T	40 mL amber Na Thio	WGFU	4 oz clear jar unpres
AG4S	125 mL amber glass H2SO4	BP2Z	500 mL plastic NaOH, Znact	VG9U	40 mL clear vial unpres	WPFU	4 oz plastic jar unpres
AG4U	120 mL amber glass unpres	BP3U	250 mL plastic unpres	VG9H	40 mL clear vial HCL		
AG5U	100 mL amber glass unpres	BP3C	250 mL plastic NaOH	VG9M	40 mL clear vial MeOH	SP5T	120 mL plastic Na Thiosulfate
AG2S	500 mL amber glass H2SO4	BP3N	250 mL plastic HNO3	VG9D	40 mL clear vial DI	ZPLC	ziploc bag
BG3U	250 mL clear glass unpres	BP3S	250 mL plastic H2SO4			GN:	

 1241 Bellevue Street, Green Bay, WI 54302	Document Name: Sample Condition Upon Receipt (SCUR)	Document Revised: 25Apr2018
	Document No.: F-GB-C-031-Rev.07	Issuing Authority: Pace Green Bay Quality Office

Sample Condition Upon Receipt Form (SCUR)

Project #: _____

 Client Name: REI
WO# : 40179949

 Courier: CS Logistics Fed Ex Speedee UPS Waltco
 Client Pace Other: _____

 Tracking #: 1901472-1

 Custody Seal on Cooler/Box Present: yes no Seals intact: yes no

 Custody Seal on Samples Present: yes no Seals intact: yes no

 Packing Material: Bubble Wrap Bubble Bags None Other _____

 Thermometer Used SR - 38 Type of Ice: Wet Blue Dry None Samples on ice, cooling process has begun

 Cooler Temperature Uncorr: 3 /Corr: 3

 Temp Blank Present: yes no Biological Tissue is Frozen: yes no

 Person examining contents:
 Date: 11-20-18
 Initials: JK

 Temp should be above freezing to 6°C.
 Biota Samples may be received at ≤ 0°C.

Chain of Custody Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	1.
Chain of Custody Filled Out:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	2.
Chain of Custody Relinquished:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	3.
Sampler Name & Signature on COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	4.
Samples Arrived within Hold Time:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	5.
- VOA Samples frozen upon receipt	<input type="checkbox"/> Yes <input type="checkbox"/> No	Date/Time: _____
Short Hold Time Analysis (<72hr):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	6.
Rush Turn Around Time Requested:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	7.
Sufficient Volume:		8.
For Analysis: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No MS/MSD: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A		
Correct Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	9.
-Pace Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
-Pace IR Containers Used:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	
Containers Intact:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	10.
Filtered volume received for Dissolved tests	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	11.
Sample Labels match COC:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	12.
-Includes date/time/ID/Analysis Matrix: <u>W</u>		<u>Sample 007 time: 1:35 on vials</u> <u>008 10 "001"; 012 10 "201"</u> <u>11-20-18 JK</u> <u>SM 11/20/18</u>
Trip Blank Present:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	13.
Trip Blank Custody Seals Present	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Pace Trip Blank Lot # (if purchased):		

Client Notification/ Resolution:

 If checked, see attached form for additional comments

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

 Project Manager Review: UW

 Date: 11/20/18