

From: Aaron <alofberg12@gmail.com>
Sent: Wednesday, June 17, 2020 12:55 PM
To: Delcore, Lee R - DNR
Cc: Kenneth E Konicek; Jack McMahon; Gregory
Subject: Re: Clark 2nd GW sampling event
Attachments: Data.pdf; Drilling invoice vs estimate.pdf;
20200522_505_PECFA_Cost_Approval_0346003224.pdf

Lee,

See the attached data. After internal discussion and due to the constrained time frame, KEC is just proceeding with putting together the SI Report to submit before PECFA sunset.

In addition, would it be possible to do the following changes to the cost cap approval (dated May 22, 2020) attached:

- 1) Add the preparation of a Remedial Action Documentation Report pertaining to the excavation activities performed? I don't see a line item for this in the U&C spreadsheet.
- 2) Would it be possible to add the amount of 509.40 to the cost cap approval related to the advancement of the probes and well installations? (see attached) This was missed originally in our U&C spreadsheet sent for the SI activities.

Thank you,

Aaron C. Lofberg, B.S. - Geology
Project Manager

Konicek Environmental Consulting, LLC
1032 South Spring Street
Port Washington, WI
office: (262) 284-2557
email: alofberg12@gmail.com, g_konicek@yahoo.com, k_konicek@yahoo.com
website: www.konicekenvironmental.com

On Wed, Jun 17, 2020 at 11:40 AM Delcore, Lee R - DNR <Lee.Delcore@wisconsin.gov> wrote:

Aaron,

Have the soil and groundwater results been submitted from the May sampling event?

We are committed to service excellence.

Visit our survey at <http://dnr.wi.gov/customersurvey> to evaluate how I did.

Lee Delcore

Hydrogeologist - Remediation and Redevelopment Program
Wisconsin Department of Natural Resources
1155 Pilgrim Road, Plymouth, WI 53073
Phone: (920) 893-8524
Lee.Delcore@wisconsin.gov



dnr.wi.gov



From: Aaron <alofberg12@gmail.com>
Sent: Wednesday, June 17, 2020 11:01 AM
To: Delcore, Lee R - DNR <Lee.Delcore@wisconsin.gov>
Cc: Kenneth E Konicek <k_konicek@yahoo.com>; Jack McMahon <jackmcmahon140@gmail.com>; Gregory <gkonicek@msn.com>
Subject: Clark 2nd GW sampling event

Hello Lee,

Just wanted to get your input on the above, KEC can perform the 2nd sampling event now before PECFA sunsets.

Please advise.

Thank you,

Aaron C. Lofberg, B.S. - Geology

Project Manager

Konicek Environmental Consulting, LLC

1032 South Spring Street

Port Washington, WI

office: (262) 284-2557

email: alofberg12@gmail.com, g_konicek@yahoo.com, k_konicek@yahoo.com

website: www.konicekenvironmental.com



May 22, 2020

Jessica Wolff
Village of Grafton
860 Badger Circle
Grafton, WI 53024

RE: **Public Bidding Deferred – Cost Cap and NR 141 Variance Approved**

PECFA # 53024-1914-20-A DNR BRRTS # 03-46-003224 FID # 246065160
Clark Oil #1656, 1020 Washington St., Grafton

On January 13, 2020, the Wisconsin Department of Natural Resources (Department) received a scope of work (SOW) and cost estimate utilizing the chapter NR 747, Wisconsin Administrative Code, Usual and Customary Cost Schedule (Cost Schedule) for the site referenced above.

The Department has determined that the submitted SOW is reasonable and **approves** the additional costs. This site will be deferred from the public bidding process at this time. The Department will contact you if this site will be bid in the future.

The scope of work includes, but is not limited to, advancement of soil borings, installation of small-diameter pre-packed groundwater monitoring wells and submittal of a comprehensive NR 716 site investigation report. A copy of the Department worksheet for the Cost Schedule tasks is enclosed for your reference.

Deferment Cost Cap Approved:

\$16,303.80

Note: A claim for PECFA reimbursement must be submitted within 180 days of incurring costs (i.e., completing a task) or by June 30, 2020, whichever is earlier. If a claim for costs incurred is not submitted within this deadline, the costs will not be eligible for PECFA reimbursement. Be reminded that ch. NR 700 semi-annual progress reporting is required until this case is closed.

In accordance with Wis. Admin. Code NR 141.31 (2) the department is approving a variance/exception for the installation of pre-packed small-diameter monitoring wells. The variance is justified based on the wells having a sand-pack, annular seal, and the ability to be properly developed in order to collect representative groundwater samples.

Usual and customary costs for activities included in this approval will only be reimbursed at a rate equal to or less than what is allowed on the Cost Schedule and are reimbursed based upon the Cost Schedule that is in effect at the time the activity is performed. Costs for activities not included in this approval are not reimbursable without prior Department authorization.

Regulatory Correspondence (Task 7, Activity RC05), Claim Submittal (Task 27, Activity CS05) and Standardized Invoice (Task 28, Activity SI05) costs are not included in the cap approved above. These

activities will be reimbursed according to the task specifications and with submittal of proper supporting documentation at claim review time.

The Department approves a variance from the Cost Schedule for related to the materials and installation of small-diameter pre-packed groundwater monitoring wells and for preparation and submittal of a complete Site Investigation Report. Do not include these costs (\$5,954.31) on the standardized invoice for usual and customary cost activities. Include these costs on a separate company invoice. When you submit the claim for these costs, please attach a copy of this letter and the attached worksheet for the claim reviewer's reference. The Department waives the commodity three-bid requirement with this variance approval.

The Department considers the consultant the primary controller of costs during these activities. This approval does not guarantee eligibility of any specific costs that have been incurred or that may be incurred in the future. Final determination regarding the eligibility of costs will be made by the claim reviewer when the entire claim, including all invoices and reports, is submitted for payment.

Thank you for your efforts to protect Wisconsin's environment. If you have any questions, please contact me in writing at the letterhead address or by telephone at (920) 893-8524.

Sincerely,

A handwritten signature in cursive script that reads "Lee R. Delcore".

Lee R. Delcore
Hydrogeologist
Remediation and Redevelopment Program

Enclosure: Usual and Customary Cost Schedule Worksheet

cc: Greg Konicek - Konicek Environmental Consulting, LLC (via email)

Usual & Customary Cost Schedule Worksheet #27 (January 2020 - June 2020) for Form RR-113a-E

PECFA #:		53024-1914-20-A							
BRRTS #:		03-46-003224					Cost Schedule Total	\$10,349.49	
Site Name:		Clark Station # 1656					Variance Total	\$5,954.31	
Site Address:		1020 Washington St., Grafton, WI					Grand Total	\$16,303.80	
Date:		May 22, 2020							
Task #	Task Description	Services	Activity Code	Activity Reference Code Description	Unit	Units	Max Unit Cost	Total Cost	Notes
1	Groundwater Sampling	14	GS05	Sample Collection	Well	20	\$ 74.62	\$ 1,492.40	
1	Groundwater Sampling	2	GS25	Primary Mob/Demob	Site	2	\$ 690.92	\$ 1,381.84	
4	Waste Disposal	Consultant	WD05	Consultant Coordination	Site	1	\$ 141.24	\$ 141.24	
4	Waste Disposal	Commodity	WD10	Groundwater Sample and/or Purge	Drum	2	\$ 43.37	\$ 86.74	
4	Waste Disposal	Commodity	WD15	Drill Cuttings	Drum	1	\$ 111.39	\$ 111.39	
4	Waste Disposal	Commodity	WD25	Primary Mob/Demob	Site	1	\$ 316.47	\$ 316.47	
10	Initial Site Survey - Features and Well Elevations	Consultant	IS05	Consultant Coordination of Initial Site Survey - Features and Well Elevations	Survey	1	\$ 120.70	\$ 120.70	
10	Initial Site Survey - Features and Well Elevations	Commodity	IS15	Initial Survey	Survey	1	\$ 1,206.85	\$ 1,206.85	
12	Direct Push	Consultant	DP05	0 - 24 ft bgs W/ Continuous Soil Sampling	ft	135	\$ 5.52	\$ 745.20	
12	Direct Push	Consultant	DP30	Primary Mob/Demob	Site	1	\$ 563.31	\$ 563.31	
12	Direct Push	Commodity	DP35	0 - 24 ft bgs W/ Continuous Soil Sampling	ft	135	\$ 7.14	\$ 963.90	
12	Direct Push	Commodity	DP60	Borehole Abandonment	ft	75	\$ 1.30	\$ 97.50	
12	Direct Push	Commodity	DP65	Concrete Penetration	Each	9	\$ 20.70	\$ 186.30	
12	Direct Push	Commodity	DP80	Mob/Demob (Includes Decon)	Site	1	\$ 578.66	\$ 578.66	
14	Monitoring Well Installation	Commodity	MWI20	Well Development	Well	4	\$ 152.06	\$ 608.24	
33	Water Sample	Laboratory	W4	PVOC + Naphthalene	Sample	22	\$ 31.26	\$ 687.72	
33	Soil Sample	Laboratory	S6	PVOC + Naphthalene	Sample	18	\$ 37.10	\$ 667.80	
36	Change Order Request		COR05	Change Order Request	Change Order	1	\$ 393.23	\$ 393.23	
	Variance			Pre-packed monitoring wells	ft	60	\$ 14.00	\$ 840.00	
	Variance			Contemporary Site Investigation Report	report	1	\$ 5,114.31	\$ 5,114.31	NR 716 Compliant, comprehensive report

Invoice

HORIZON CONSTRUCTION AND
EXPLORATION. LLC
764 Tower Drive
Fredonia, WI 53021
262-692-3347

Date	Invoice #
5/26/2020	2042

Bill To
Konicek Environmental, Inc. Aaron Lofberg 1032 South Spring Street Port Washington, WI 53074

Terms	Project	Job Address
Net 30	3692	1020 Washington Street Gr...

Item	Quantity	Description	Rate	Amount
		TO: Aaron C. Lofberg, B.S. - Geology Project Manager		
		Konicek Environmental Consulting, LLC 1032 South Spring Street Port Washington, WI office: (262) 284-2557 email: alofberg12@gmail.com, g_konicek@yahoo.com, k_konicek@yahoo.com website: www.konicekenvironmental.com		
		Re: Direct Push in Grafton, WI Location: 1020 Washington Street Grafton, WI		
Mobilization	1	Mobilization and Daily Charges: Direct Push Mob/Demob @ \$500.00 lump sum	578.66	578.66
Geoprobe/ft	135	Direct Push Drilling: Direct Push Drilling @ \$7.14 / ft	7.14	963.90
Miscellaneous Dri...	45	DT-32 Dual Tube Drilling @ \$9.50/ft	9.50	427.50
Miscellaneous Dri...	3	DT-32 Expendable point @ \$38.00/each	48.00	144.00
Temp Well/ft	60	1" Pre-Pack Wells @ \$14.00 / ft	14.00	840.00
Abandonment/ft	75	Borehole Abandonment @ \$1.30 / ft	1.30	97.50
Concrete Penetrati...	6	Concrete Coring/Penetration @ \$100.00/each	20.70	124.20

Thank you for your business.

Total

\$3,175.76

Phone #	Fax #
262-692-3347	262-692-3348

Payments/Credits

\$0.00

Balance Due

\$3,175.76



HORIZON CONSTRUCTION AND
EXPLORATION, LLC
764 Tower Drive
Fredonia, WI 53021
262-692-3347

Estimate

Date	Estimate #
1/29/2020	3692-e2

Name / Address
Konicek Environmental, Inc. Aaron Lofberg 1032 South Spring Street Port Washington, WI 53074

			Project
			3692
Description	Qty	Cost	Total
<p>Note:</p> <p>1)Please return the attached Standard Terms & Conditions Agreement to schedule your project.</p> <p>2)Consultant / Owner responsible for marking ALL private utilities, as applicable.</p> <p>3)If you need a specific rig for your project, please request so prior to mobilization.</p> <p>4)Actual quantities used will be invoiced.</p> <p>5)DT-32 may be required in order to install a pre-pack in a collapsing hole situation.</p> <p>6)There are no flushmounts included in this proposal.</p>			
Thank you for your business.		Total	\$2,666.36



HORIZON CONSTRUCTION AND
EXPLORATION, LLC
764 Tower Drive
Fredonia, WI 53021
262-692-3347

Estimate

Date	Estimate #
1/29/2020	3692-e2

Name / Address
Konicek Environmental, Inc. Aaron Lofberg 1032 South Spring Street Port Washington, WI 53074

			Project
			3692
Description	Qty	Cost	Total
TO: Aaron C. Lofberg, B.S. - Geology Project Manager Konicek Environmental Consulting, LLC 1032 South Spring Street Port Washington, WI office: (262) 284-2557 email: alofberg12@gmail.com, g_konicek@yahoo.com, k_konicek@yahoo.com website: www.konicekenvironmental.com Re: Direct Push in Grafton, WI Workscope: -PECEFA Project -Mobilization -9 Direct push borings to 15 feet. -Each converted to 1" pre-pack wells -Decon Location: 1020 Washington Street Grafton, WI Mobilization and Daily Charges: Direct Push Mob/Demob @ \$578.66 lump sum			
	1	578.66	578.66✓
Direct Push Drilling: Direct Push Drilling @ \$7.14 / ft			
	135	7.14	963.90✓
DT-32 Dual Tube Drilling @ \$9.50/ft			
	0	950.00	0.00
DT-32 Expendable point @ \$48.00/each			
	0	48.00	0.00
1" Pre-Pack Wells @ \$14.00 / ft			
	60	14.00	840.00✓
Borehole Abandonment @ \$1.30 / ft			
	75	1.30	97.50✓
Concrete Penetration @ \$20.70			
	9	20.70	186.30✓
Thank you for your business.		Total	

Table A.2. Soil Analytical Results
 Clark Station
 BRRTS#: 03-46-003224
 1020 Washington Street, Grafton, WI 53024

Sample ID:	NR 720.10			NR 720.12			H1 (1)	H2 (1)	S4 (2)	S6 (2)	B1 (3)	B2 (3)	B3 (3)	B4 (3)	GP1 (4)	GP2 (4)	MW1 (3)	MW2 (3)	MW3 (3)	MW4 (3)	MW5 (1)	MW6 (1)	EW-1 (5)	EW-2 (5)	EW-3 (5)	WW-1 (5)	WW-2 (5)	WW-3 (5)	NW-1 (5)	NW-2 (5)	NW-3 (5)			
	EPA RSL	EPA RSL			EPA RSL			---	---	---	---	6-7.5'	6-7.5'	1-2.5'	1-2.5'	5-7'	6-8'	8'	3'	8'	2'	8'	8'	5'	6'	6'	6'	8'	8'	8'	7'	7'	7'	
Sample Date:	RCL	Non-Industrial RCLs			Industrial RCLs			3/31/93	3/31/93	5/5/93	5/5/93	7/13/93	7/13/93	7/13/93	7/14/93	8/24/93	8/24/93	10/7/93	10/7/93	10/7/93	10/7/93	10/8/93	1/3/94	1/3/94	5/23/18	5/23/18	5/23/18	5/23/18	5/23/18	5/23/18	5/23/18	5/23/18		
Soil Type	GW Protection (DF=2)			NC	C	DC	BTV	NC	C	DC	---	---	---	---	U	U	U	U	U	U	S	U	S	U	S	S	S	---	---	---	---	---	---	
Lab Reported Parameters	GW Protection (DF=2)			NC	C	DC	BTV	NC	C	DC	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Metals (mg/kg)	GW Protection (DF=2)			NC	C	DC	BTV	NC	C	DC	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
VOCs (ug/kg)	GW Protection (DF=2)			NC	C	DC	BTV	NC	C	DC	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Lead	27	400	---	400	52	800	---	800	---	800	58.5	7.32	*691*	37.4	11.6	11.6	98.9	19.8	15.6	13.0	11.3	33.8	16.1	10.1	10.0	11.7	11.3	---	---	---	---	---	---	
Benzene	5.1	106000	1600	1600	---	587000	7070	7070	210	430	*70000*	<50	<61	<58	<57	<60	<55	<57	ND	ND	ND	ND	ND	ND	ND	<25	<25	<25	<25	<25	<25	<25	<25	<25
Ethylbenzene	1570	4080000	8020	8020	---	27400000	35400	35400	---	---	*137000*	<50	<61	<58	<57	<60	*18800*	103	ND	ND	ND	ND	ND	ND	ND	290	289	285	304	315	200	251	201	312
Methyl-tert-butyl ether (MTBE)	27	22100000	63800	63800	---	93000000	282000	282000	---	---	*248000*	600	<3030	<2910	<2830	<3020	<2770	<2850	ND	ND	ND	ND	ND	ND	ND	<25	<25	<25	<25	<25	<25	<25	<25	<25
Naphthalene	658.2	178000	5520	5520	---	830000	24100	24100	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	198	160	125	360	340	218	53 "J"	52 "J"	112
Toluene	1107.2	5240000	---	818000	---	55300000	---	818000	---	---	321000	<50	<61	<58	<57	<60	<55	<57	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	---	373000	---	219000	---	2390000	---	219000	---	---	<7.3	<50	<61	<58	<57	<60	78700	388	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	---	339000	---	182000	---	2060000	---	182000	---	---	*570000*	1600	<61	<58	<57	<60	26600	137	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trimethylbenzenes (total)	1382.1 (1,2,4 and 1,3,5 combined)	---	---	---	---	---	---	---	---	---	570000	1600	<122	<116	<114	<120	105300	525	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
m&p-Xylene	---	1581000	---	778000	---	6890000	---	778000	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
O-Xylene	---	915000	---	434000	---	4010000	---	434000	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Xylenes (total)	3960 (m,o, and p combined)	818000	---	260000	---	3570000	---	260000	---	---	*891000*	1300	<61	<58	<57	<60	90900	388	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Gasoline Range Organics (GRO)	---	---	---	---	---	---	---	---	---	---	40.7	178	13729	13.6	<12	<12	<11	<12	904	<11	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Sample ID:	NR 720.10			NR 720.12			SW-1 (5)	SW-2 (5)	SW-3 (5)	PIPE-1E (5)	PIPE-2W (5)	PIPE-3N (5)	ETS (5)	ETM (5)	ETN (5)	MTS (5)	MTM (5)	MTN (5)	WTS (5)	WTM (5)	WTN (5)		
	EPA RSL	EPA RSL			EPA RSL			7'	7'	7'	5'	5'	15'	15'	15'	15'	15'	15'	15'	15'	15'	15'	
Sample Date:	RCL	Non-Industrial RCLs			Industrial RCLs			5/23/18	5/23/18	5/23/18	5/23/18	5/23/18	5/23/18	5/23/18	5/23/18	5/23/18	5/23/18	5/23/18	5/23/18	5/23/18	5/23/18	5/23/18	
Soil Type	GW Protection (DF=2)			NC	C	DC	BTV	NC	C	DC	---	---	---	---	---	---	---	---	---	---	---	---	
Lab Reported Parameters	GW Protection (DF=2)			NC	C	DC	BTV	NC	C	DC	---	---	---	---	---	---	---	---	---	---	---	---	
Metals (mg/kg)	GW Protection (DF=2)			NC	C	DC	BTV	NC	C	DC	---	---	---	---	---	---	---	---	---	---	---	---	
VOCs (ug/kg)	GW Protection (DF=2)			NC	C	DC	BTV	NC	C	DC	---	---	---	---	---	---	---	---	---	---	---	---	
Lead	27	400	---	400	52	800	---	800	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Benzene	5.1	106000	1600	1600	---	587000	7070	7070	*2270*	1470	*2130*	*1930*	*15000*	<25	<25	*4100*	<25	<25	*3100*	<25	40	83	<25
Ethylbenzene	1570	4080000	8020	8020	---	27400000	35400	35400	*25300*	*14800*	*26900*	*24100*	*66000*	141	105	3300	101	111	1070	241	122	126	104
Methyl-tert-butyl ether (MTBE)	27	22100000	63800	63800	---	93000000	282000	282000	<25	<25	<25	<25	<1250	<25	<25	<25	<25	<25	<25	<25	<25	<25	
Naphthalene	658.2	178000	5520	5520	---	830000	24100	24100	*34000*	*23100*	*27200*	*30500*	*81000*	99	63 "J"	*7100*	149	54 "J"	1350	64 "J"	144	550	107
Toluene	1107.2	5240000	---	818000	---	55300000	---	818000	2810	1870	3800	2710	7000	27.7 "J"	<25	770	<25	<25	350	258	520	400	330
1,2,4-Trimethylbenzene	---	373000	---	219000	---	2390000	---	219000	171000	97000	143000	144000	*360000*	480	309	108000	320	253	8300	440	550	350	390
1,3,5-Trimethylbenzene	---	339000	---	182000	---	2060000	---	182000	58000	33000	48000	48000	126000	175	106	30100	105	87	810	159	177	51	122
Trimethylbenzenes (total)	1382.1 (1,2,4 and 1,3,5 combined)	---	---	---	---	---	---	---	229000	130000	191000	192000	486000	655	415	138100	425	340	9110	599	727	401	512
m&p-Xylene	---	1581000	---	778000	---	6890000	---	778000	131000	76000	140000	124000	303000	640	470	12200	470	480	2290	1080	550	209	470
O-Xylene	---	915000	---	434000	---	4010000	---	434000	47000	27900	50000	48000	127000	307	221	3300	249	222	1090	440	297	78	237
Xylenes (total)	3960 (m,o, and p combined)	818000	---	260000	---	3570000	---	260000	178000	103900	190000	172000	*430000*	947	691	15500	719	702	3380	1520	847	287	707
Gasoline Range Organics (GRO)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	

Notes:
 ug/kg = micrograms per kilogram
 mg/kg = milligrams per kilogram
 --- = Not Analyzed OR No Standard Established
 J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit detection limit
 Exceedences (Non-Industrial):
Bold = exceeds NR 720.10 EPA RSL RCL GW Protection (DF=2) value
Italicized = exceeds NR 720.12 EPA RSL RCL NC value
Underline = exceeds NR 720.12 RSL SCL C value
 value = exceeds NR 720.12 RSL RCL Not to Exceed D-C value
 BTV - Background Threshold Value

ND = Non Detect
 VOCs - Volatile Organic Compounds
 Bordered cells exceed the NR 720 BTV

S - Saturated Soil Sample
 U - Unsaturated Soil Sample

(1) - Samples collected by BT², Inc.
 (2) - Samples collected by Badger Oil Equipment, Inc.
 (3) - Samples collected by Burlington Environmental Drilling
 (4) - Samples collected by Metco
 (5) - Samples collected by OM Enterprises Inc.
 (7) - Samples collected by KEC

Table A.2. Soil Analytical Results
 Clark Station
 BRRS#: 03-46-003224
 1020 Washington Street, Grafton, WI 53024

Sample ID:	NR 720.10		NR 720.12						SP-1 (7)	SP-1 (7)	SP-1 (7)	SP-2 (7)	SP-2 (7)	SP-3 (7)	SP-3 (7)	SP-3 (7)	SP-4	SP-4	SP-5	SP-5	SP-6	SP-6	SP-7	SP-7	SP-8 (7)	SP-8 (7)	SP-9	SP-9
	EPA RSL	EPA RSL	EPA RSL			3-4'	8'	10-15'	3-4'	5'	3-4'	5'	10-12.5'	/KMW-4(7)	/KMW-4(7)	3-4'	5'	3-4'	5'	/KMW-6(7)	/KMW-6(7)	/KMW-7(7)	/KMW-7(7)	3-4'	5'	/KMW-9(7)	/KMW-9(7)	
Sample Date:	RCL	Non-Industrial RCLs			Industrial RCLs			5/26/20	5/26/20	5/26/20	5/26/20	5/26/20	5/26/20	5/26/20	5/26/20	5/26/20	5/26/20	5/26/20	5/26/20	5/26/20	5/26/20	5/26/20	5/26/20	5/26/20	5/26/20	5/26/20	5/26/20	
Soil Type								U	S	S	U	S	U	S	S	U	S	U	S	U	S	U	S	U	S	U	S	
Lab Reported Parameters	GW Protection (DF=2)	NC	C	DC	BTV	NC	C	DC																				
Metals (mg/kg)																												
Lead	27	400	---	400	52	800	---	800	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
VOCs (ug/kg)																												
Benzene	5.1	106000	1600	1600	---	587000	7070	7070	<25.0	<26.0	<25.0	<30.9	<25.0	<27.2	<25.0	<50.0	<25.3	<25.3	<25.5	<25.0	<25.0	<25.0	<25.3	<25.0	<28.1	<25.0	<25.0	<25.0
Ethylbenzene	1570	4080000	8020	8020	---	27400000	35400	35400	<25.0	<26.0	566	<30.9	<25.0	<27.2	<25.0	960	<25.3	<25.3	<25.5	<25.0	<25.0	<25.0	<25.3	<25.0	<28.1	<25.0	<25.0	<25.0
Methyl-tert-butyl ether (MTBE)	27	22100000	63800	63800	---	93000000	282000	282000	<25.0	<26.0	<25.0	<30.9	<25.0	<27.2	<25.0	<50.0	<25.3	<25.3	<25.5	<25.0	<25.0	<25.0	<25.3	<25.0	<28.1	<25.0	<25.0	<25.0
Naphthalene	658.2	178000	5520	5520	---	830000	24100	24100	<27.3	<28.4	857	<33.7	<27.3	<29.7	<27.3	3150	<27.6	<27.6	<27.8	<27.3	<27.3	<27.3	<27.6	<27.3	<30.7	<27.3	<27.3	<27.3
Toluene	1107.2	5240000	---	818000	---	55300000	---	818000	<25.0	<26.0	<25.0	<30.9	<25.0	<27.2	<25.0	<50.0	<25.3	<25.3	<25.5	<25.0	<25.0	<25.0	<25.3	<25.0	<28.1	<25.0	<25.0	<25.0
1,2,4-Trimethylbenzene	---	373000	---	219000	---	2390000	---	219000	<25.0	<26.0	5090	<30.9	<25.0	<27.2	<25.0	12700	<25.3	<25.3	<25.5	<25.0	<25.0	<25.0	<25.3	<25.0	<28.1	<25.0	<25.0	<25.0
1,3,5-Trimethylbenzene	---	339000	---	182000	---	2060000	---	182000	<25.0	<26.0	1530	<30.9	<25.0	<27.2	<25.0	1120	<25.3	<25.3	<25.5	<25.0	<25.0	<25.0	<25.3	<25.0	<28.1	<25.0	<25.0	<25.0
Trimethylbenzenes (total)	1382.1 (1,2,4 and 1,3,5 combined)	---	---	---	---	---	---	---	<50.0	<52.0	6620	<61.8	<50.0	<54.4	<50.0	13820	<50.6	<50.6	<51.0	<50.0	<50.0	<50.0	<50.6	<50.0	<56.2	<50.0	<50.0	<50.0
m&p-Xylene	---	1581000	---	778000	---	6890000	---	778000	<50.0	<52.1	1820	<61.7	<50.0	<54.3	<50.0	372	<50.5	<50.5	<51.0	<50.0	<50.0	<50.0	<50.5	<50.0	<56.2	<50.0	<50.0	<50.0
o-Xylene	---	915000	---	434000	---	4010000	---	434000	<25.0	<26.0	<25.0	<30.9	<25.0	<27.2	<25.0	<50.0	<25.3	<25.3	<25.5	<25.0	<25.0	<25.0	<25.3	<25.0	<28.1	<25.0	<25.0	<25.0
Xylenes (total)	3960 (m.o. and p combined)	818000	---	260000	---	3570000	---	260000	<75.0	<78.1	1820	<92.8	<75.0	<81.5	<75.0	372	<75.8	<75.8	<76.5	<75.0	<75.0	<75.0	<75.8	<75.0	<84.3	<75.0	<75.0	<75.0
Gasoline Range Organics (GRO)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	

Notes:
 ug/kg = micrograms per kilogram
 mg/kg = milligrams per kilogram
 --- = Not Analyzed OR No Standard Established
 J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit detection limit
 Exceedences (Non-Industrial):
Bold = exceeds NR 720.10 EPA RSL RCL GW Protection (DF=2) value
Italicized = exceeds NR 720.12 EPA RSL RCL NC value
Underline = exceeds NR 720.12 RSL SCL C value
 value = exceeds NR 720.12 RSL RCL Not to Exceed D-C value
 BTV - Background Threshold Value

ND = Non Detect
 VOCs - Volatile Organic Compounds
 Bordered cells exceed the NR 720 BTV

Exceedences (Industrial):
Italicized = exceeds NR 720.12 EPA RSL RCL NC value
Underline = exceeds NR 720.12 RSL SCL C value
 value = exceeds NR 720.12 RSL RCL Not to Exceed D-C value

(based on A.6 water elevations)
S - Saturated Soil Sample
U - Unsaturated Soil Sample

- (1) - Samples collected by BT², Inc.
- (2) - Samples collected by Badger Oil Equipment, Inc.
- (3) - Samples collected by Burlington Environmental Drilling
- (4) - Samples collected by Metco
- (5) - Samples collected by OM Enterprises Inc.
- (7) - Samples collected by KEC

May 30, 2020

Aaron Lofburg
Konicek Environmental Consulting LLC
1032 S. Spring Street
Port Washington, WI 53074

RE: Project: CLARK SITE
Pace Project No.: 40208391

Dear Aaron Lofburg:


Enclosed are the analytical results for sample(s) received by the laboratory on May 28, 2020. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Green Bay

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

Sincerely,



Steven Mleczko
steve.mleczko@pacelabs.com
(920)469-2436
Project Manager

Enclosures

cc: Greg Konicek, KONICEK ENVIRONMENTAL
Ken Konicek, KONICEK ENVIRONMENTAL



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: CLARK SITE
Pace Project No.: 40208391

Pace Analytical Services Green Bay

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: CLARK SITE

Pace Project No.: 40208391

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40208391001	SP-1 (3-4')	Solid	05/26/20 09:00	05/28/20 08:40
40208391002	SP-1 (8')	Solid	05/26/20 09:00	05/28/20 08:40
40208391003	SP-2 (3-4')	Solid	05/26/20 09:15	05/28/20 08:40
40208391004	SP-2 (5')	Solid	05/26/20 09:15	05/28/20 08:40
40208391005	SP-3 (3-4')	Solid	05/26/20 09:30	05/28/20 08:40
40208391006	SP-3 (5')	Solid	05/26/20 09:30	05/28/20 08:40
40208391007	KMW-4 (3-4')	Solid	05/26/20 09:45	05/28/20 08:40
40208391008	KMW-4 (5')	Solid	05/26/20 09:45	05/28/20 08:40
40208391009	SP-5 (3-4')	Solid	05/26/20 10:00	05/28/20 08:40
40208391010	SP-5 (5')	Solid	05/26/20 10:00	05/28/20 08:40
40208391011	KMW-6 (3-4')	Solid	05/26/20 10:15	05/28/20 08:40
40208391012	KMW-6 (5')	Solid	05/26/20 10:15	05/28/20 08:40
40208391013	KMW-7 (3-4')	Solid	05/26/20 10:30	05/28/20 08:40
40208391014	KMW-7 (8')	Solid	05/26/20 10:30	05/28/20 08:40
40208391015	SP-8 (3-4')	Solid	05/26/20 10:45	05/28/20 08:40
40208391016	SP-8 (5')	Solid	05/26/20 10:45	05/28/20 08:40
40208391017	KMW-9 (3-4')	Solid	05/26/20 11:00	05/28/20 08:40
40208391018	KMW-9 (5')	Solid	05/26/20 11:00	05/28/20 08:40

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SAMPLE ANALYTE COUNT

Project: CLARK SITE
Pace Project No.: 40208391

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40208391001	SP-1 (3-4')	EPA 8260	MDS	12	PASI-G
		ASTM D2974-87	MMX	1	PASI-G
40208391002	SP-1 (8')	EPA 8260	MDS	12	PASI-G
		ASTM D2974-87	MMX	1	PASI-G
40208391003	SP-2 (3-4')	EPA 8260	MDS	12	PASI-G
		ASTM D2974-87	MMX	1	PASI-G
40208391004	SP-2 (5')	EPA 8260	MDS	12	PASI-G
		ASTM D2974-87	MMX	1	PASI-G
40208391005	SP-3 (3-4')	EPA 8260	MDS	12	PASI-G
		ASTM D2974-87	MMX	1	PASI-G
40208391006	SP-3 (5')	EPA 8260	MDS	12	PASI-G
		ASTM D2974-87	MMX	1	PASI-G
40208391007	KMW-4 (3-4')	EPA 8260	MDS	12	PASI-G
		ASTM D2974-87	MMX	1	PASI-G
40208391008	KMW-4 (5')	EPA 8260	MDS	12	PASI-G
		ASTM D2974-87	MMX	1	PASI-G
40208391009	SP-5 (3-4')	EPA 8260	MDS	12	PASI-G
		ASTM D2974-87	MMX	1	PASI-G
40208391010	SP-5 (5')	EPA 8260	MDS	12	PASI-G
		ASTM D2974-87	MMX	1	PASI-G
40208391011	KMW-6 (3-4')	EPA 8260	MDS	12	PASI-G
		ASTM D2974-87	MMX	1	PASI-G
40208391012	KMW-6 (5')	EPA 8260	MDS	12	PASI-G
		ASTM D2974-87	MMX	1	PASI-G
40208391013	KMW-7 (3-4')	EPA 8260	MDS	12	PASI-G
		ASTM D2974-87	MMX	1	PASI-G
40208391014	KMW-7 (8')	EPA 8260	MDS	12	PASI-G
		ASTM D2974-87	MMX	1	PASI-G
40208391015	SP-8 (3-4')	EPA 8260	MDS	12	PASI-G
		ASTM D2974-87	MMX	1	PASI-G
40208391016	SP-8 (5')	EPA 8260	MDS	12	PASI-G
		ASTM D2974-87	MMX	1	PASI-G
40208391017	KMW-9 (3-4')	EPA 8260	MDS	12	PASI-G
		ASTM D2974-87	MMX	1	PASI-G
40208391018	KMW-9 (5')	EPA 8260	MDS	12	PASI-G
		ASTM D2974-87	MMX	1	PASI-G

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SAMPLE ANALYTE COUNT

Project: CLARK SITE
Pace Project No.: 40208391

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
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PASI-G = Pace Analytical Services - Green Bay

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: CLARK SITE
Pace Project No.: 40208391

Sample: SP-1 (3-4') Lab ID: 40208391001 Collected: 05/26/20 09:00 Received: 05/28/20 08:40 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Short List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
Benzene	<25.0	ug/kg	60.0	25.0	1	05/28/20 13:00	05/28/20 21:14	71-43-2	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	05/28/20 13:00	05/28/20 21:14	100-41-4	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	05/28/20 13:00	05/28/20 21:14	1634-04-4	W
Naphthalene	<27.3	ug/kg	91.0	27.3	1	05/28/20 13:00	05/28/20 21:14	91-20-3	W
Toluene	<25.0	ug/kg	60.0	25.0	1	05/28/20 13:00	05/28/20 21:14	108-88-3	W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	05/28/20 13:00	05/28/20 21:14	95-63-6	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	05/28/20 13:00	05/28/20 21:14	108-67-8	W
m&p-Xylene	<50.0	ug/kg	120	50.0	1	05/28/20 13:00	05/28/20 21:14	179601-23-1	W
o-Xylene	<25.0	ug/kg	60.0	25.0	1	05/28/20 13:00	05/28/20 21:14	95-47-6	W
Surrogates									
Dibromofluoromethane (S)	102	%	58-145		1	05/28/20 13:00	05/28/20 21:14	1868-53-7	
4-Bromofluorobenzene (S)	109	%	52-137		1	05/28/20 13:00	05/28/20 21:14	460-00-4	
Toluene-d8 (S)	107	%	56-140		1	05/28/20 13:00	05/28/20 21:14	2037-26-5	
Percent Moisture									
Analytical Method: ASTM D2974-87									
Pace Analytical Services - Green Bay									
Percent Moisture	3.3	%	0.10	0.10	1		05/29/20 16:53		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: CLARK SITE

Pace Project No.: 40208391

Sample: SP-1 (8') Lab ID: 40208391002 Collected: 05/26/20 09:00 Received: 05/28/20 08:40 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Short List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
Benzene	<26.0	ug/kg	62.5	26.0	1	05/28/20 13:00	05/28/20 21:31	71-43-2	W
Ethylbenzene	<26.0	ug/kg	62.5	26.0	1	05/28/20 13:00	05/28/20 21:31	100-41-4	W
Methyl-tert-butyl ether	<26.0	ug/kg	62.5	26.0	1	05/28/20 13:00	05/28/20 21:31	1634-04-4	W
Naphthalene	<28.4	ug/kg	94.8	28.4	1	05/28/20 13:00	05/28/20 21:31	91-20-3	W
Toluene	<26.0	ug/kg	62.5	26.0	1	05/28/20 13:00	05/28/20 21:31	108-88-3	W
1,2,4-Trimethylbenzene	<26.0	ug/kg	62.5	26.0	1	05/28/20 13:00	05/28/20 21:31	95-63-6	W
1,3,5-Trimethylbenzene	<26.0	ug/kg	62.5	26.0	1	05/28/20 13:00	05/28/20 21:31	108-67-8	W
m&p-Xylene	<52.1	ug/kg	125	52.1	1	05/28/20 13:00	05/28/20 21:31	179601-23-1	W
o-Xylene	<26.0	ug/kg	62.5	26.0	1	05/28/20 13:00	05/28/20 21:31	95-47-6	W
Surrogates									
Dibromofluoromethane (S)	98	%	58-145		1	05/28/20 13:00	05/28/20 21:31	1868-53-7	
4-Bromofluorobenzene (S)	106	%	52-137		1	05/28/20 13:00	05/28/20 21:31	460-00-4	
Toluene-d8 (S)	103	%	56-140		1	05/28/20 13:00	05/28/20 21:31	2037-26-5	
Percent Moisture									
Analytical Method: ASTM D2974-87									
Pace Analytical Services - Green Bay									
Percent Moisture	5.5	%	0.10	0.10	1		05/29/20 16:53		

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ANALYTICAL RESULTS

Project: CLARK SITE
Pace Project No.: 40208391

Sample: SP-2 (3-4') Lab ID: 40208391003 Collected: 05/26/20 09:15 Received: 05/28/20 08:40 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Short List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
Benzene	<30.9	ug/kg	74.1	30.9	1	05/28/20 13:00	05/28/20 21:48	71-43-2	W
Ethylbenzene	<30.9	ug/kg	74.1	30.9	1	05/28/20 13:00	05/28/20 21:48	100-41-4	W
Methyl-tert-butyl ether	<30.9	ug/kg	74.1	30.9	1	05/28/20 13:00	05/28/20 21:48	1634-04-4	W
Naphthalene	<33.7	ug/kg	112	33.7	1	05/28/20 13:00	05/28/20 21:48	91-20-3	W
Toluene	<30.9	ug/kg	74.1	30.9	1	05/28/20 13:00	05/28/20 21:48	108-88-3	W
1,2,4-Trimethylbenzene	<30.9	ug/kg	74.1	30.9	1	05/28/20 13:00	05/28/20 21:48	95-63-6	W
1,3,5-Trimethylbenzene	<30.9	ug/kg	74.1	30.9	1	05/28/20 13:00	05/28/20 21:48	108-67-8	W
m&p-Xylene	<61.7	ug/kg	148	61.7	1	05/28/20 13:00	05/28/20 21:48	179601-23-1	W
o-Xylene	<30.9	ug/kg	74.1	30.9	1	05/28/20 13:00	05/28/20 21:48	95-47-6	W
Surrogates									
Dibromofluoromethane (S)	97	%	58-145		1	05/28/20 13:00	05/28/20 21:48	1868-53-7	
4-Bromofluorobenzene (S)	107	%	52-137		1	05/28/20 13:00	05/28/20 21:48	460-00-4	
Toluene-d8 (S)	100	%	56-140		1	05/28/20 13:00	05/28/20 21:48	2037-26-5	
Percent Moisture									
Analytical Method: ASTM D2974-87									
Pace Analytical Services - Green Bay									
Percent Moisture	8.5	%	0.10	0.10	1		05/29/20 16:53		

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ANALYTICAL RESULTS

Project: CLARK SITE

Pace Project No.: 40208391

Sample: SP-2 (5') Lab ID: 40208391004 Collected: 05/26/20 09:15 Received: 05/28/20 08:40 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Short List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
Benzene	<25.0	ug/kg	60.0	25.0	1	05/28/20 13:00	05/28/20 22:05	71-43-2	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	05/28/20 13:00	05/28/20 22:05	100-41-4	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	05/28/20 13:00	05/28/20 22:05	1634-04-4	W
Naphthalene	<27.3	ug/kg	91.0	27.3	1	05/28/20 13:00	05/28/20 22:05	91-20-3	W
Toluene	<25.0	ug/kg	60.0	25.0	1	05/28/20 13:00	05/28/20 22:05	108-88-3	W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	05/28/20 13:00	05/28/20 22:05	95-63-6	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	05/28/20 13:00	05/28/20 22:05	108-67-8	W
m&p-Xylene	<50.0	ug/kg	120	50.0	1	05/28/20 13:00	05/28/20 22:05	179601-23-1	W
o-Xylene	<25.0	ug/kg	60.0	25.0	1	05/28/20 13:00	05/28/20 22:05	95-47-6	W
Surrogates									
Dibromofluoromethane (S)	104	%	58-145		1	05/28/20 13:00	05/28/20 22:05	1868-53-7	
4-Bromofluorobenzene (S)	116	%	52-137		1	05/28/20 13:00	05/28/20 22:05	460-00-4	
Toluene-d8 (S)	109	%	56-140		1	05/28/20 13:00	05/28/20 22:05	2037-26-5	
Percent Moisture									
Analytical Method: ASTM D2974-87									
Pace Analytical Services - Green Bay									
Percent Moisture	11.8	%	0.10	0.10	1		05/29/20 16:53		

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ANALYTICAL RESULTS

Project: CLARK SITE
Pace Project No.: 40208391

Sample: SP-3 (3-4') Lab ID: 40208391005 Collected: 05/26/20 09:30 Received: 05/28/20 08:40 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Short List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
Benzene	<27.2	ug/kg	65.2	27.2	1	05/28/20 13:00	05/28/20 22:22	71-43-2	W
Ethylbenzene	<27.2	ug/kg	65.2	27.2	1	05/28/20 13:00	05/28/20 22:22	100-41-4	W
Methyl-tert-butyl ether	<27.2	ug/kg	65.2	27.2	1	05/28/20 13:00	05/28/20 22:22	1634-04-4	W
Naphthalene	<29.7	ug/kg	98.9	29.7	1	05/28/20 13:00	05/28/20 22:22	91-20-3	W
Toluene	<27.2	ug/kg	65.2	27.2	1	05/28/20 13:00	05/28/20 22:22	108-88-3	W
1,2,4-Trimethylbenzene	<27.2	ug/kg	65.2	27.2	1	05/28/20 13:00	05/28/20 22:22	95-63-6	W
1,3,5-Trimethylbenzene	<27.2	ug/kg	65.2	27.2	1	05/28/20 13:00	05/28/20 22:22	108-67-8	W
m&p-Xylene	<54.3	ug/kg	130	54.3	1	05/28/20 13:00	05/28/20 22:22	179601-23-1	W
o-Xylene	<27.2	ug/kg	65.2	27.2	1	05/28/20 13:00	05/28/20 22:22	95-47-6	W
Surrogates									
Dibromofluoromethane (S)	97	%	58-145		1	05/28/20 13:00	05/28/20 22:22	1868-53-7	
4-Bromofluorobenzene (S)	105	%	52-137		1	05/28/20 13:00	05/28/20 22:22	460-00-4	
Toluene-d8 (S)	101	%	56-140		1	05/28/20 13:00	05/28/20 22:22	2037-26-5	
Percent Moisture									
Analytical Method: ASTM D2974-87									
Pace Analytical Services - Green Bay									
Percent Moisture	13.7	%	0.10	0.10	1		05/29/20 16:53		

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ANALYTICAL RESULTS

Project: CLARK SITE

Pace Project No.: 40208391

Sample: SP-3 (5') Lab ID: 40208391006 Collected: 05/26/20 09:30 Received: 05/28/20 08:40 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Short List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
Benzene	<25.0	ug/kg	60.0	25.0	1	05/28/20 13:00	05/28/20 22:39	71-43-2	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	05/28/20 13:00	05/28/20 22:39	100-41-4	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	05/28/20 13:00	05/28/20 22:39	1634-04-4	W
Naphthalene	<27.3	ug/kg	91.0	27.3	1	05/28/20 13:00	05/28/20 22:39	91-20-3	W
Toluene	<25.0	ug/kg	60.0	25.0	1	05/28/20 13:00	05/28/20 22:39	108-88-3	W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	05/28/20 13:00	05/28/20 22:39	95-63-6	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	05/28/20 13:00	05/28/20 22:39	108-67-8	W
m&p-Xylene	<50.0	ug/kg	120	50.0	1	05/28/20 13:00	05/28/20 22:39	179601-23-1	W
o-Xylene	<25.0	ug/kg	60.0	25.0	1	05/28/20 13:00	05/28/20 22:39	95-47-6	W
Surrogates									
Dibromofluoromethane (S)	104	%	58-145		1	05/28/20 13:00	05/28/20 22:39	1868-53-7	
4-Bromofluorobenzene (S)	111	%	52-137		1	05/28/20 13:00	05/28/20 22:39	460-00-4	
Toluene-d8 (S)	107	%	56-140		1	05/28/20 13:00	05/28/20 22:39	2037-26-5	
Percent Moisture									
Analytical Method: ASTM D2974-87									
Pace Analytical Services - Green Bay									
Percent Moisture	16.1	%	0.10	0.10	1		05/29/20 16:53		

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ANALYTICAL RESULTS

Project: CLARK SITE
Pace Project No.: 40208391

Sample: KMW-4 (3-4') Lab ID: 40208391007 Collected: 05/26/20 09:45 Received: 05/28/20 08:40 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Short List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
Benzene	<25.3	ug/kg	60.6	25.3	1	05/28/20 13:00	05/28/20 22:57	71-43-2	W
Ethylbenzene	<25.3	ug/kg	60.6	25.3	1	05/28/20 13:00	05/28/20 22:57	100-41-4	W
Methyl-tert-butyl ether	<25.3	ug/kg	60.6	25.3	1	05/28/20 13:00	05/28/20 22:57	1634-04-4	W
Naphthalene	<27.6	ug/kg	91.9	27.6	1	05/28/20 13:00	05/28/20 22:57	91-20-3	W
Toluene	<25.3	ug/kg	60.6	25.3	1	05/28/20 13:00	05/28/20 22:57	108-88-3	W
1,2,4-Trimethylbenzene	<25.3	ug/kg	60.6	25.3	1	05/28/20 13:00	05/28/20 22:57	95-63-6	W
1,3,5-Trimethylbenzene	<25.3	ug/kg	60.6	25.3	1	05/28/20 13:00	05/28/20 22:57	108-67-8	W
m&p-Xylene	<50.5	ug/kg	121	50.5	1	05/28/20 13:00	05/28/20 22:57	179601-23-1	W
o-Xylene	<25.3	ug/kg	60.6	25.3	1	05/28/20 13:00	05/28/20 22:57	95-47-6	W
Surrogates									
Dibromofluoromethane (S)	109	%	58-145		1	05/28/20 13:00	05/28/20 22:57	1868-53-7	
4-Bromofluorobenzene (S)	114	%	52-137		1	05/28/20 13:00	05/28/20 22:57	460-00-4	
Toluene-d8 (S)	110	%	56-140		1	05/28/20 13:00	05/28/20 22:57	2037-26-5	
Percent Moisture									
Analytical Method: ASTM D2974-87									
Pace Analytical Services - Green Bay									
Percent Moisture	15.0	%	0.10	0.10	1		05/29/20 16:53		

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ANALYTICAL RESULTS

Project: CLARK SITE
Pace Project No.: 40208391

Sample: KMW-4 (5') Lab ID: 40208391008 Collected: 05/26/20 09:45 Received: 05/28/20 08:40 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Short List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
Benzene	<25.3	ug/kg	60.6	25.3	1	05/28/20 13:00	05/28/20 23:14	71-43-2	W
Ethylbenzene	<25.3	ug/kg	60.6	25.3	1	05/28/20 13:00	05/28/20 23:14	100-41-4	W
Methyl-tert-butyl ether	<25.3	ug/kg	60.6	25.3	1	05/28/20 13:00	05/28/20 23:14	1634-04-4	W
Naphthalene	<27.6	ug/kg	91.9	27.6	1	05/28/20 13:00	05/28/20 23:14	91-20-3	W
Toluene	<25.3	ug/kg	60.6	25.3	1	05/28/20 13:00	05/28/20 23:14	108-88-3	W
1,2,4-Trimethylbenzene	<25.3	ug/kg	60.6	25.3	1	05/28/20 13:00	05/28/20 23:14	95-63-6	W
1,3,5-Trimethylbenzene	<25.3	ug/kg	60.6	25.3	1	05/28/20 13:00	05/28/20 23:14	108-67-8	W
m&p-Xylene	<50.5	ug/kg	121	50.5	1	05/28/20 13:00	05/28/20 23:14	179601-23-1	W
o-Xylene	<25.3	ug/kg	60.6	25.3	1	05/28/20 13:00	05/28/20 23:14	95-47-6	W
Surrogates									
Dibromofluoromethane (S)	102	%	58-145		1	05/28/20 13:00	05/28/20 23:14	1868-53-7	
4-Bromofluorobenzene (S)	112	%	52-137		1	05/28/20 13:00	05/28/20 23:14	460-00-4	
Toluene-d8 (S)	106	%	56-140		1	05/28/20 13:00	05/28/20 23:14	2037-26-5	
Percent Moisture									
Analytical Method: ASTM D2974-87									
Pace Analytical Services - Green Bay									
Percent Moisture	17.2	%	0.10	0.10	1		05/29/20 16:53		

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ANALYTICAL RESULTS

Project: CLARK SITE
Pace Project No.: 40208391

Sample: SP-5 (3-4') Lab ID: 40208391009 Collected: 05/26/20 10:00 Received: 05/28/20 08:40 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Short List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
Benzene	<25.5	ug/kg	61.2	25.5	1	05/28/20 13:00	05/28/20 23:31	71-43-2	W
Ethylbenzene	<25.5	ug/kg	61.2	25.5	1	05/28/20 13:00	05/28/20 23:31	100-41-4	W
Methyl-tert-butyl ether	<25.5	ug/kg	61.2	25.5	1	05/28/20 13:00	05/28/20 23:31	1634-04-4	W
Naphthalene	<27.8	ug/kg	92.9	27.8	1	05/28/20 13:00	05/28/20 23:31	91-20-3	W
Toluene	<25.5	ug/kg	61.2	25.5	1	05/28/20 13:00	05/28/20 23:31	108-88-3	W
1,2,4-Trimethylbenzene	<25.5	ug/kg	61.2	25.5	1	05/28/20 13:00	05/28/20 23:31	95-63-6	W
1,3,5-Trimethylbenzene	<25.5	ug/kg	61.2	25.5	1	05/28/20 13:00	05/28/20 23:31	108-67-8	W
m&p-Xylene	<51.0	ug/kg	122	51.0	1	05/28/20 13:00	05/28/20 23:31	179601-23-1	W
o-Xylene	<25.5	ug/kg	61.2	25.5	1	05/28/20 13:00	05/28/20 23:31	95-47-6	W
Surrogates									
Dibromofluoromethane (S)	103	%	58-145		1	05/28/20 13:00	05/28/20 23:31	1868-53-7	
4-Bromofluorobenzene (S)	112	%	52-137		1	05/28/20 13:00	05/28/20 23:31	460-00-4	
Toluene-d8 (S)	104	%	56-140		1	05/28/20 13:00	05/28/20 23:31	2037-26-5	
Percent Moisture									
Analytical Method: ASTM D2974-87									
Pace Analytical Services - Green Bay									
Percent Moisture	9.5	%	0.10	0.10	1		05/29/20 16:53		

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ANALYTICAL RESULTS

Project: CLARK SITE
Pace Project No.: 40208391

Sample: SP-5 (5') Lab ID: 40208391010 Collected: 05/26/20 10:00 Received: 05/28/20 08:40 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Short List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
Benzene	<25.0	ug/kg	60.0	25.0	1	05/28/20 13:00	05/28/20 23:48	71-43-2	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	05/28/20 13:00	05/28/20 23:48	100-41-4	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	05/28/20 13:00	05/28/20 23:48	1634-04-4	W
Naphthalene	<27.3	ug/kg	91.0	27.3	1	05/28/20 13:00	05/28/20 23:48	91-20-3	W
Toluene	<25.0	ug/kg	60.0	25.0	1	05/28/20 13:00	05/28/20 23:48	108-88-3	W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	05/28/20 13:00	05/28/20 23:48	95-63-6	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	05/28/20 13:00	05/28/20 23:48	108-67-8	W
m&p-Xylene	<50.0	ug/kg	120	50.0	1	05/28/20 13:00	05/28/20 23:48	179601-23-1	W
o-Xylene	<25.0	ug/kg	60.0	25.0	1	05/28/20 13:00	05/28/20 23:48	95-47-6	W
Surrogates									
Dibromofluoromethane (S)	103	%	58-145		1	05/28/20 13:00	05/28/20 23:48	1868-53-7	
4-Bromofluorobenzene (S)	113	%	52-137		1	05/28/20 13:00	05/28/20 23:48	460-00-4	
Toluene-d8 (S)	108	%	56-140		1	05/28/20 13:00	05/28/20 23:48	2037-26-5	
Percent Moisture									
Analytical Method: ASTM D2974-87									
Pace Analytical Services - Green Bay									
Percent Moisture	10.8	%	0.10	0.10	1		05/29/20 16:53		

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ANALYTICAL RESULTS

Project: CLARK SITE
Pace Project No.: 40208391

Sample: KMW-6 (3-4') Lab ID: 40208391011 Collected: 05/26/20 10:15 Received: 05/28/20 08:40 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Short List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
Benzene	<25.0	ug/kg	60.0	25.0	1	05/28/20 13:00	05/29/20 00:05	71-43-2	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	05/28/20 13:00	05/29/20 00:05	100-41-4	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	05/28/20 13:00	05/29/20 00:05	1634-04-4	W
Naphthalene	<27.3	ug/kg	91.0	27.3	1	05/28/20 13:00	05/29/20 00:05	91-20-3	W
Toluene	<25.0	ug/kg	60.0	25.0	1	05/28/20 13:00	05/29/20 00:05	108-88-3	W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	05/28/20 13:00	05/29/20 00:05	95-63-6	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	05/28/20 13:00	05/29/20 00:05	108-67-8	W
m&p-Xylene	<50.0	ug/kg	120	50.0	1	05/28/20 13:00	05/29/20 00:05	179601-23-1	W
o-Xylene	<25.0	ug/kg	60.0	25.0	1	05/28/20 13:00	05/29/20 00:05	95-47-6	W
Surrogates									
Dibromofluoromethane (S)	97	%	58-145		1	05/28/20 13:00	05/29/20 00:05	1868-53-7	
4-Bromofluorobenzene (S)	105	%	52-137		1	05/28/20 13:00	05/29/20 00:05	460-00-4	
Toluene-d8 (S)	100	%	56-140		1	05/28/20 13:00	05/29/20 00:05	2037-26-5	
Percent Moisture									
Analytical Method: ASTM D2974-87									
Pace Analytical Services - Green Bay									
Percent Moisture	19.0	%	0.10	0.10	1		05/29/20 16:53		

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ANALYTICAL RESULTS

Project: CLARK SITE
Pace Project No.: 40208391

Sample: KMW-6 (5') Lab ID: 40208391012 Collected: 05/26/20 10:15 Received: 05/28/20 08:40 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Short List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
Benzene	<25.0	ug/kg	60.0	25.0	1	05/28/20 13:00	05/29/20 00:22	71-43-2	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	05/28/20 13:00	05/29/20 00:22	100-41-4	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	05/28/20 13:00	05/29/20 00:22	1634-04-4	W
Naphthalene	<27.3	ug/kg	91.0	27.3	1	05/28/20 13:00	05/29/20 00:22	91-20-3	W
Toluene	<25.0	ug/kg	60.0	25.0	1	05/28/20 13:00	05/29/20 00:22	108-88-3	W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	05/28/20 13:00	05/29/20 00:22	95-63-6	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	05/28/20 13:00	05/29/20 00:22	108-67-8	W
m&p-Xylene	<50.0	ug/kg	120	50.0	1	05/28/20 13:00	05/29/20 00:22	179601-23-1	W
o-Xylene	<25.0	ug/kg	60.0	25.0	1	05/28/20 13:00	05/29/20 00:22	95-47-6	W
Surrogates									
Dibromofluoromethane (S)	102	%	58-145		1	05/28/20 13:00	05/29/20 00:22	1868-53-7	
4-Bromofluorobenzene (S)	109	%	52-137		1	05/28/20 13:00	05/29/20 00:22	460-00-4	
Toluene-d8 (S)	104	%	56-140		1	05/28/20 13:00	05/29/20 00:22	2037-26-5	
Percent Moisture									
Analytical Method: ASTM D2974-87									
Pace Analytical Services - Green Bay									
Percent Moisture	9.3	%	0.10	0.10	1		05/29/20 16:53		

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ANALYTICAL RESULTS

Project: CLARK SITE
Pace Project No.: 40208391

Sample: KMW-7 (3-4') Lab ID: 40208391013 Collected: 05/26/20 10:30 Received: 05/28/20 08:40 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Short List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
Benzene	<25.3	ug/kg	60.6	25.3	1	05/28/20 13:00	05/29/20 00:39	71-43-2	W
Ethylbenzene	<25.3	ug/kg	60.6	25.3	1	05/28/20 13:00	05/29/20 00:39	100-41-4	W
Methyl-tert-butyl ether	<25.3	ug/kg	60.6	25.3	1	05/28/20 13:00	05/29/20 00:39	1634-04-4	W
Naphthalene	<27.6	ug/kg	91.9	27.6	1	05/28/20 13:00	05/29/20 00:39	91-20-3	W
Toluene	<25.3	ug/kg	60.6	25.3	1	05/28/20 13:00	05/29/20 00:39	108-88-3	W
1,2,4-Trimethylbenzene	<25.3	ug/kg	60.6	25.3	1	05/28/20 13:00	05/29/20 00:39	95-63-6	W
1,3,5-Trimethylbenzene	<25.3	ug/kg	60.6	25.3	1	05/28/20 13:00	05/29/20 00:39	108-67-8	W
m&p-Xylene	<50.5	ug/kg	121	50.5	1	05/28/20 13:00	05/29/20 00:39	179601-23-1	W
o-Xylene	<25.3	ug/kg	60.6	25.3	1	05/28/20 13:00	05/29/20 00:39	95-47-6	W
Surrogates									
Dibromofluoromethane (S)	100	%	58-145		1	05/28/20 13:00	05/29/20 00:39	1868-53-7	
4-Bromofluorobenzene (S)	105	%	52-137		1	05/28/20 13:00	05/29/20 00:39	460-00-4	
Toluene-d8 (S)	105	%	56-140		1	05/28/20 13:00	05/29/20 00:39	2037-26-5	
Percent Moisture									
Analytical Method: ASTM D2974-87									
Pace Analytical Services - Green Bay									
Percent Moisture	9.2	%	0.10	0.10	1		05/29/20 16:53		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: CLARK SITE
Pace Project No.: 40208391

Sample: KMW-7 (8') Lab ID: 40208391014 Collected: 05/26/20 10:30 Received: 05/28/20 08:40 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Short List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
Benzene	<25.0	ug/kg	60.0	25.0	1	05/28/20 13:00	05/29/20 00:56	71-43-2	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	05/28/20 13:00	05/29/20 00:56	100-41-4	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	05/28/20 13:00	05/29/20 00:56	1634-04-4	W
Naphthalene	<27.3	ug/kg	91.0	27.3	1	05/28/20 13:00	05/29/20 00:56	91-20-3	W
Toluene	<25.0	ug/kg	60.0	25.0	1	05/28/20 13:00	05/29/20 00:56	108-88-3	W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	05/28/20 13:00	05/29/20 00:56	95-63-6	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	05/28/20 13:00	05/29/20 00:56	108-67-8	W
m&p-Xylene	<50.0	ug/kg	120	50.0	1	05/28/20 13:00	05/29/20 00:56	179601-23-1	W
o-Xylene	<25.0	ug/kg	60.0	25.0	1	05/28/20 13:00	05/29/20 00:56	95-47-6	W
Surrogates									
Dibromofluoromethane (S)	101	%	58-145		1	05/28/20 13:00	05/29/20 00:56	1868-53-7	
4-Bromofluorobenzene (S)	109	%	52-137		1	05/28/20 13:00	05/29/20 00:56	460-00-4	
Toluene-d8 (S)	103	%	56-140		1	05/28/20 13:00	05/29/20 00:56	2037-26-5	
Percent Moisture									
Analytical Method: ASTM D2974-87									
Pace Analytical Services - Green Bay									
Percent Moisture	6.0	%	0.10	0.10	1		05/29/20 16:53		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: CLARK SITE

Pace Project No.: 40208391

Sample: SP-8 (3-4') Lab ID: 40208391015 Collected: 05/26/20 10:45 Received: 05/28/20 08:40 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Short List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
Benzene	<28.1	ug/kg	67.4	28.1	1	05/28/20 13:00	05/29/20 01:14	71-43-2	W
Ethylbenzene	<28.1	ug/kg	67.4	28.1	1	05/28/20 13:00	05/29/20 01:14	100-41-4	W
Methyl-tert-butyl ether	<28.1	ug/kg	67.4	28.1	1	05/28/20 13:00	05/29/20 01:14	1634-04-4	W
Naphthalene	<30.7	ug/kg	102	30.7	1	05/28/20 13:00	05/29/20 01:14	91-20-3	W
Toluene	<28.1	ug/kg	67.4	28.1	1	05/28/20 13:00	05/29/20 01:14	108-88-3	W
1,2,4-Trimethylbenzene	<28.1	ug/kg	67.4	28.1	1	05/28/20 13:00	05/29/20 01:14	95-63-6	W
1,3,5-Trimethylbenzene	<28.1	ug/kg	67.4	28.1	1	05/28/20 13:00	05/29/20 01:14	108-67-8	W
m&p-Xylene	<56.2	ug/kg	135	56.2	1	05/28/20 13:00	05/29/20 01:14	179601-23-1	W
o-Xylene	<28.1	ug/kg	67.4	28.1	1	05/28/20 13:00	05/29/20 01:14	95-47-6	W
Surrogates									
Dibromofluoromethane (S)	97	%	58-145		1	05/28/20 13:00	05/29/20 01:14	1868-53-7	
4-Bromofluorobenzene (S)	104	%	52-137		1	05/28/20 13:00	05/29/20 01:14	460-00-4	
Toluene-d8 (S)	100	%	56-140		1	05/28/20 13:00	05/29/20 01:14	2037-26-5	
Percent Moisture									
Analytical Method: ASTM D2974-87									
Pace Analytical Services - Green Bay									
Percent Moisture	20.0	%	0.10	0.10	1		05/29/20 16:53		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: CLARK SITE

Pace Project No.: 40208391

Sample: SP-8 (5') Lab ID: 40208391016 Collected: 05/26/20 10:45 Received: 05/28/20 08:40 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Short List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
Benzene	<25.0	ug/kg	60.0	25.0	1	05/28/20 13:00	05/29/20 01:31	71-43-2	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	05/28/20 13:00	05/29/20 01:31	100-41-4	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	05/28/20 13:00	05/29/20 01:31	1634-04-4	W
Naphthalene	<27.3	ug/kg	91.0	27.3	1	05/28/20 13:00	05/29/20 01:31	91-20-3	W
Toluene	<25.0	ug/kg	60.0	25.0	1	05/28/20 13:00	05/29/20 01:31	108-88-3	W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	05/28/20 13:00	05/29/20 01:31	95-63-6	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	05/28/20 13:00	05/29/20 01:31	108-67-8	W
m&p-Xylene	<50.0	ug/kg	120	50.0	1	05/28/20 13:00	05/29/20 01:31	179601-23-1	W
o-Xylene	<25.0	ug/kg	60.0	25.0	1	05/28/20 13:00	05/29/20 01:31	95-47-6	W
Surrogates									
Dibromofluoromethane (S)	103	%	58-145		1	05/28/20 13:00	05/29/20 01:31	1868-53-7	
4-Bromofluorobenzene (S)	112	%	52-137		1	05/28/20 13:00	05/29/20 01:31	460-00-4	
Toluene-d8 (S)	106	%	56-140		1	05/28/20 13:00	05/29/20 01:31	2037-26-5	
Percent Moisture									
Analytical Method: ASTM D2974-87									
Pace Analytical Services - Green Bay									
Percent Moisture	17.1	%	0.10	0.10	1		05/29/20 16:53		

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ANALYTICAL RESULTS

Project: CLARK SITE
Pace Project No.: 40208391

Sample: KMW-9 (3-4') Lab ID: 40208391017 Collected: 05/26/20 11:00 Received: 05/28/20 08:40 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Short List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
Benzene	<25.0	ug/kg	60.0	25.0	1	05/28/20 13:00	05/29/20 01:48	71-43-2	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	05/28/20 13:00	05/29/20 01:48	100-41-4	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	05/28/20 13:00	05/29/20 01:48	1634-04-4	W
Naphthalene	<27.3	ug/kg	91.0	27.3	1	05/28/20 13:00	05/29/20 01:48	91-20-3	W
Toluene	<25.0	ug/kg	60.0	25.0	1	05/28/20 13:00	05/29/20 01:48	108-88-3	W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	05/28/20 13:00	05/29/20 01:48	95-63-6	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	05/28/20 13:00	05/29/20 01:48	108-67-8	W
m&p-Xylene	<50.0	ug/kg	120	50.0	1	05/28/20 13:00	05/29/20 01:48	179601-23-1	W
o-Xylene	<25.0	ug/kg	60.0	25.0	1	05/28/20 13:00	05/29/20 01:48	95-47-6	W
Surrogates									
Dibromofluoromethane (S)	100	%	58-145		1	05/28/20 13:00	05/29/20 01:48	1868-53-7	
4-Bromofluorobenzene (S)	109	%	52-137		1	05/28/20 13:00	05/29/20 01:48	460-00-4	
Toluene-d8 (S)	103	%	56-140		1	05/28/20 13:00	05/29/20 01:48	2037-26-5	
Percent Moisture									
Analytical Method: ASTM D2974-87									
Pace Analytical Services - Green Bay									
Percent Moisture	11.9	%	0.10	0.10	1		05/29/20 16:53		

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ANALYTICAL RESULTS

Project: CLARK SITE

Pace Project No.: 40208391

Sample: KMW-9 (5') Lab ID: 40208391018 Collected: 05/26/20 11:00 Received: 05/28/20 08:40 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Short List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
Benzene	<25.0	ug/kg	60.0	25.0	1	05/28/20 13:00	05/29/20 02:05	71-43-2	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	05/28/20 13:00	05/29/20 02:05	100-41-4	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	05/28/20 13:00	05/29/20 02:05	1634-04-4	W
Naphthalene	<27.3	ug/kg	91.0	27.3	1	05/28/20 13:00	05/29/20 02:05	91-20-3	W
Toluene	<25.0	ug/kg	60.0	25.0	1	05/28/20 13:00	05/29/20 02:05	108-88-3	W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	05/28/20 13:00	05/29/20 02:05	95-63-6	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	05/28/20 13:00	05/29/20 02:05	108-67-8	W
m&p-Xylene	<50.0	ug/kg	120	50.0	1	05/28/20 13:00	05/29/20 02:05	179601-23-1	W
o-Xylene	<25.0	ug/kg	60.0	25.0	1	05/28/20 13:00	05/29/20 02:05	95-47-6	W
Surrogates									
Dibromofluoromethane (S)	104	%	58-145		1	05/28/20 13:00	05/29/20 02:05	1868-53-7	
4-Bromofluorobenzene (S)	110	%	52-137		1	05/28/20 13:00	05/29/20 02:05	460-00-4	
Toluene-d8 (S)	105	%	56-140		1	05/28/20 13:00	05/29/20 02:05	2037-26-5	
Percent Moisture									
Analytical Method: ASTM D2974-87									
Pace Analytical Services - Green Bay									
Percent Moisture	17.8	%	0.10	0.10	1		05/29/20 16:53		

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: CLARK SITE
Pace Project No.: 40208391

QC Batch:	356074	Analysis Method:	EPA 8260
QC Batch Method:	EPA 5035/5030B	Analysis Description:	8260 MSV Med Level Short List
		Laboratory:	Pace Analytical Services - Green Bay
Associated Lab Samples:	40208391001, 40208391002, 40208391003, 40208391004, 40208391005, 40208391006, 40208391007, 40208391008, 40208391009, 40208391010, 40208391011, 40208391012, 40208391013, 40208391014, 40208391015, 40208391016, 40208391017, 40208391018		

METHOD BLANK:	2059403	Matrix:	Solid
Associated Lab Samples:	40208391001, 40208391002, 40208391003, 40208391004, 40208391005, 40208391006, 40208391007, 40208391008, 40208391009, 40208391010, 40208391011, 40208391012, 40208391013, 40208391014, 40208391015, 40208391016, 40208391017, 40208391018		

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4-Trimethylbenzene	ug/kg	<18.1	60.0	05/28/20 17:15	
1,3,5-Trimethylbenzene	ug/kg	<16.0	53.0	05/28/20 17:15	
Benzene	ug/kg	<12.5	42.0	05/28/20 17:15	
Ethylbenzene	ug/kg	<14.5	50.0	05/28/20 17:15	
m&p-Xylene	ug/kg	<32.4	108	05/28/20 17:15	
Methyl-tert-butyl ether	ug/kg	<16.2	54.0	05/28/20 17:15	
Naphthalene	ug/kg	<27.3	91.0	05/28/20 17:15	
o-Xylene	ug/kg	<18.1	60.0	05/28/20 17:15	
Toluene	ug/kg	<13.1	50.0	05/28/20 17:15	
4-Bromofluorobenzene (S)	%	110	52-137	05/28/20 17:15	
Dibromofluoromethane (S)	%	101	58-145	05/28/20 17:15	
Toluene-d8 (S)	%	102	56-140	05/28/20 17:15	

LABORATORY CONTROL SAMPLE: 2059404

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzene	ug/kg	2500	2350	94	70-130	
Ethylbenzene	ug/kg	2500	2730	109	80-120	
m&p-Xylene	ug/kg	5000	5360	107	70-130	
Methyl-tert-butyl ether	ug/kg	2500	2700	108	70-130	
o-Xylene	ug/kg	2500	2750	110	70-130	
Toluene	ug/kg	2500	2570	103	80-120	
4-Bromofluorobenzene (S)	%			119	52-137	
Dibromofluoromethane (S)	%			108	58-145	
Toluene-d8 (S)	%			106	56-140	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2059405 2059406

Parameter	Units	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40208274002 Result	Spike Conc.	Spike Conc.	MS Result						
Benzene	ug/kg	<25.0	1250	1250	1090	1110	87	89	70-130	2	20
Ethylbenzene	ug/kg	<25.0	1250	1250	1310	1280	105	102	80-120	3	20
m&p-Xylene	ug/kg	<50.0	2500	2500	2540	2550	101	101	70-130	0	20
Methyl-tert-butyl ether	ug/kg	<25.0	1250	1250	1290	1280	103	102	70-130	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.

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QUALITY CONTROL DATA

Project: CLARK SITE
Pace Project No.: 40208391

Parameter	Units	2059405		2059406		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40208274002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result								
o-Xylene	ug/kg	<25.0	1250	1250	1320	1280	105	102	70-130	3	20		
Toluene	ug/kg	<25.0	1250	1250	1220	1240	97	99	80-120	1	20		
4-Bromofluorobenzene (S)	%						112	106	52-137				
Dibromofluoromethane (S)	%						101	98	58-145				
Toluene-d8 (S)	%						100	99	56-140				

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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QUALITY CONTROL DATA

Project: CLARK SITE
Pace Project No.: 40208391

QC Batch:	356174	Analysis Method:	ASTM D2974-87
QC Batch Method:	ASTM D2974-87	Analysis Description:	Dry Weight/Percent Moisture
		Laboratory:	Pace Analytical Services - Green Bay

Associated Lab Samples: 40208391001, 40208391002, 40208391003, 40208391004, 40208391005, 40208391006, 40208391007, 40208391008, 40208391009, 40208391010, 40208391011, 40208391012, 40208391013, 40208391014, 40208391015, 40208391016, 40208391017, 40208391018

SAMPLE DUPLICATE: 2060090

Parameter	Units	40208388001 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	8.6	8.7	1	10	

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: CLARK SITE

Pace Project No.: 40208391

DEFINITIONS

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

ND - Not Detected at or above LOD.

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

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

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

S - Surrogate

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

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

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

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

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

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

W Non-detect results are reported on a wet weight basis.

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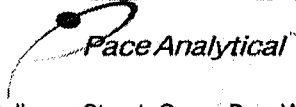
QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: CLARK SITE
Pace Project No.: 40208391

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40208391001	SP-1 (3-4')	EPA 5035/5030B	356074	EPA 8260	356076
40208391002	SP-1 (8')	EPA 5035/5030B	356074	EPA 8260	356076
40208391003	SP-2 (3-4')	EPA 5035/5030B	356074	EPA 8260	356076
40208391004	SP-2 (5')	EPA 5035/5030B	356074	EPA 8260	356076
40208391005	SP-3 (3-4')	EPA 5035/5030B	356074	EPA 8260	356076
40208391006	SP-3 (5')	EPA 5035/5030B	356074	EPA 8260	356076
40208391007	KMW-4 (3-4')	EPA 5035/5030B	356074	EPA 8260	356076
40208391008	KMW-4 (5')	EPA 5035/5030B	356074	EPA 8260	356076
40208391009	SP-5 (3-4')	EPA 5035/5030B	356074	EPA 8260	356076
40208391010	SP-5 (5')	EPA 5035/5030B	356074	EPA 8260	356076
40208391011	KMW-6 (3-4')	EPA 5035/5030B	356074	EPA 8260	356076
40208391012	KMW-6 (5')	EPA 5035/5030B	356074	EPA 8260	356076
40208391013	KMW-7 (3-4')	EPA 5035/5030B	356074	EPA 8260	356076
40208391014	KMW-7 (8')	EPA 5035/5030B	356074	EPA 8260	356076
40208391015	SP-8 (3-4')	EPA 5035/5030B	356074	EPA 8260	356076
40208391016	SP-8 (5')	EPA 5035/5030B	356074	EPA 8260	356076
40208391017	KMW-9 (3-4')	EPA 5035/5030B	356074	EPA 8260	356076
40208391018	KMW-9 (5')	EPA 5035/5030B	356074	EPA 8260	356076
40208391001	SP-1 (3-4')	ASTM D2974-87	356174		
40208391002	SP-1 (8')	ASTM D2974-87	356174		
40208391003	SP-2 (3-4')	ASTM D2974-87	356174		
40208391004	SP-2 (5')	ASTM D2974-87	356174		
40208391005	SP-3 (3-4')	ASTM D2974-87	356174		
40208391006	SP-3 (5')	ASTM D2974-87	356174		
40208391007	KMW-4 (3-4')	ASTM D2974-87	356174		
40208391008	KMW-4 (5')	ASTM D2974-87	356174		
40208391009	SP-5 (3-4')	ASTM D2974-87	356174		
40208391010	SP-5 (5')	ASTM D2974-87	356174		
40208391011	KMW-6 (3-4')	ASTM D2974-87	356174		
40208391012	KMW-6 (5')	ASTM D2974-87	356174		
40208391013	KMW-7 (3-4')	ASTM D2974-87	356174		
40208391014	KMW-7 (8')	ASTM D2974-87	356174		
40208391015	SP-8 (3-4')	ASTM D2974-87	356174		
40208391016	SP-8 (5')	ASTM D2974-87	356174		
40208391017	KMW-9 (3-4')	ASTM D2974-87	356174		
40208391018	KMW-9 (5')	ASTM D2974-87	356174		

REPORT OF LABORATORY ANALYSIS

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 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)

Client Name: KFC Project # 40208391

Additional Comments/Resolution: No times on all samples SMW 5/28/20
excluding 003, 005, & 016
003 time "09:30", 005 time "0945" SMW 5/28/20
016 time is only on WPFU and it is "1000" SMW 5/28/20
No dates on vials for 013, 014, 015, & 018 SMW 5/28/20
NO PAR (V6AM) MLR 5-28-20 MLR 5-28-20
009 IDA SP-5 (34), 010 IDA MLR 5-28-20
MLR 5-28-20

Project Manager Review: _____ Date: _____



Document Name: Sample Condition Upon Receipt (SCUR)	Document Revised: 26Mar2020
Document No.: ENV-FRM-GBAY-0014-Rev.00	Author: Pace Green Bay Quality Office

Sample Condition Upon Receipt Form (SCUR)

Client Name: KEC

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

Project #: _____

WO# : 40208391

40208391

Tracking #: _____

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 - NA **Type of Ice:** Wet Blue Dry None Samples on ice, cooling process has begun

Cooler Temperature Uncorr: ROT / Corr: _____

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 if shipped on Dry Ice.

Person examining contents:

Date: 5/28/20 / Initials: EMW

Labeled By Initials: MLR

Chain of Custody Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	1. <u>PO#, invoice phone collection year</u>
Chain of Custody Filled Out:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	2. <u>No pg#, pch, A MLR 5-28-20</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): <u>MLR 5-28-20</u>	<input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No	6. _____
Rush Turn Around Time Requested:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	7. <u>Per Client call 2-day TAT</u>
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: <u>MLR 5-28-20</u>	<input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No	10. <u>CO2 WPEU lid cracked upon receipt, MLR</u>
Filtered volume received for Dissolved tests	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	11. <u>lab replaced lid MLR 5-28-20</u>
Sample Labels match COC:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	12. <u>See attached sheet</u>
-Includes date/time/ID/Analysis Matrix: <u>S</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: _____

PM Review is documented electronically in LIMs. By releasing the project, the PM acknowledges they have reviewed the sample logir

EMW
5/28/20

Page 2 of 33
2 of 2

June 02, 2020

Aaron Lofburg
Konicek Environmental Consulting LLC
1032 S. Spring Street
Port Washington, WI 53074

RE: Project: 1219131 CLARK SITE
Pace Project No.: 40208454

Dear Aaron Lofburg:

Enclosed are the analytical results for sample(s) received by the laboratory on May 29, 2020. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Green Bay

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

Sincerely,



Steven Mieczko
steve.mieczko@pacelabs.com
(920)469-2436
Project Manager

Enclosures

cc: Greg Konicek, KONICEK ENVIRONMENTAL
Ken Konicek, KONICEK ENVIRONMENTAL



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: 1219131 CLARK SITE
Pace Project No.: 40208454

Pace Analytical Services Green Bay

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: 1219131 CLARK SITE
Pace Project No.: 40208454

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40208454001	SP-1 (10-15')	Solid	05/26/20 11:30	05/29/20 08:05
40208454002	SP-3 (10-12.5')	Solid	05/26/20 12:00	05/29/20 08:05

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: 1219131 CLARK SITE
Pace Project No.: 40208454

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40208454001	SP-1 (10-15')	EPA 8260	MDS	12	PASI-G
		ASTM D2974-87	SKW	1	PASI-G
40208454002	SP-3 (10-12.5')	EPA 8260	MDS	12	PASI-G
		ASTM D2974-87	SKW	1	PASI-G

PASI-G = Pace Analytical Services - Green Bay

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 1219131 CLARK SITE
Pace Project No.: 40208454

Sample: **SP-1 (10-15')** Lab ID: **40208454001** Collected: 05/26/20 11:30 Received: 05/29/20 08:05 Matrix: Solid
Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Short List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B Pace Analytical Services - Green Bay									
Benzene	<25.0	ug/kg	60.0	25.0	1	05/29/20 10:15	05/29/20 17:30	71-43-2	W
Ethylbenzene	566	ug/kg	65.1	27.1	1	05/29/20 10:15	05/29/20 17:30	100-41-4	
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	05/29/20 10:15	05/29/20 17:30	1634-04-4	W
Naphthalene	857	ug/kg	98.7	29.6	1	05/29/20 10:15	05/29/20 17:30	91-20-3	
Toluene	<25.0	ug/kg	60.0	25.0	1	05/29/20 10:15	05/29/20 17:30	108-88-3	W
1,2,4-Trimethylbenzene	5090	ug/kg	65.1	27.1	1	05/29/20 10:15	05/29/20 17:30	95-63-6	
1,3,5-Trimethylbenzene	1530	ug/kg	65.1	27.1	1	05/29/20 10:15	05/29/20 17:30	108-67-8	
m&p-Xylene	1820	ug/kg	130	54.2	1	05/29/20 10:15	05/29/20 17:30	179601-23-1	
o-Xylene	<25.0	ug/kg	60.0	25.0	1	05/29/20 10:15	05/29/20 17:30	95-47-6	W
Surrogates									
Dibromofluoromethane (S)	74	%	58-145		1	05/29/20 10:15	05/29/20 17:30	1868-53-7	
4-Bromofluorobenzene (S)	85	%	52-137		1	05/29/20 10:15	05/29/20 17:30	460-00-4	
Toluene-d8 (S)	77	%	56-140		1	05/29/20 10:15	05/29/20 17:30	2037-26-5	
Percent Moisture									
Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay									
Percent Moisture	7.8	%	0.10	0.10	1		06/02/20 09:42		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 1219131 CLARK SITE
Pace Project No.: 40208454

Sample: SP-3 (10-12.5') Lab ID: 40208454002 Collected: 05/26/20 12:00 Received: 05/29/20 08:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Short List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B Pace Analytical Services - Green Bay								
Benzene	<50.0	ug/kg	120	50.0	2	05/29/20 10:15	05/29/20 17:47	71-43-2	W
Ethylbenzene	960	ug/kg	136	56.6	2	05/29/20 10:15	05/29/20 17:47	100-41-4	
Methyl-tert-butyl ether	<50.0	ug/kg	120	50.0	2	05/29/20 10:15	05/29/20 17:47	1634-04-4	W
Naphthalene	3150	ug/kg	206	61.8	2	05/29/20 10:15	05/29/20 17:47	91-20-3	
Toluene	<50.0	ug/kg	120	50.0	2	05/29/20 10:15	05/29/20 17:47	108-88-3	W
1,2,4-Trimethylbenzene	12700	ug/kg	136	56.6	2	05/29/20 10:15	05/29/20 17:47	95-63-6	
1,3,5-Trimethylbenzene	1120	ug/kg	136	56.6	2	05/29/20 10:15	05/29/20 17:47	108-67-8	
m&p-Xylene	372	ug/kg	272	113	2	05/29/20 10:15	05/29/20 17:47	179601-23-1	
o-Xylene	<50.0	ug/kg	120	50.0	2	05/29/20 10:15	05/29/20 17:47	95-47-6	W
Surrogates									
Dibromofluoromethane (S)	94	%	58-145		2	05/29/20 10:15	05/29/20 17:47	1868-53-7	
4-Bromofluorobenzene (S)	111	%	52-137		2	05/29/20 10:15	05/29/20 17:47	460-00-4	
Toluene-d8 (S)	101	%	56-140		2	05/29/20 10:15	05/29/20 17:47	2037-26-5	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	11.7	%	0.10	0.10	1		06/02/20 09:42		

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 1219131 CLARK SITE
Pace Project No.: 40208454

QC Batch: 356125 Analysis Method: EPA 8260
QC Batch Method: EPA 5035/5030B Analysis Description: 8260 MSV Med Level Short List
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40208454001, 40208454002

METHOD BLANK: 2059622 Matrix: Solid
Associated Lab Samples: 40208454001, 40208454002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4-Trimethylbenzene	ug/kg	<18.1	60.0	05/29/20 09:28	
1,3,5-Trimethylbenzene	ug/kg	<16.0	53.0	05/29/20 09:28	
Benzene	ug/kg	<12.5	42.0	05/29/20 09:28	
Ethylbenzene	ug/kg	<14.5	50.0	05/29/20 09:28	
m&p-Xylene	ug/kg	<32.4	108	05/29/20 09:28	
Methyl-tert-butyl ether	ug/kg	<16.2	54.0	05/29/20 09:28	
Naphthalene	ug/kg	<27.3	91.0	05/29/20 09:28	
o-Xylene	ug/kg	<18.1	60.0	05/29/20 09:28	
Toluene	ug/kg	<13.1	50.0	05/29/20 09:28	
4-Bromofluorobenzene (S)	%	104	52-137	05/29/20 09:28	
Dibromofluoromethane (S)	%	93	58-145	05/29/20 09:28	
Toluene-d8 (S)	%	96	56-140	05/29/20 09:28	

LABORATORY CONTROL SAMPLE: 2059623

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzene	ug/kg	2500	2420	97	70-130	
Ethylbenzene	ug/kg	2500	2750	110	80-120	
m&p-Xylene	ug/kg	5000	5240	105	70-130	
Methyl-tert-butyl ether	ug/kg	2500	2890	116	70-130	
o-Xylene	ug/kg	2500	2680	107	70-130	
Toluene	ug/kg	2500	2600	104	80-120	
4-Bromofluorobenzene (S)	%			124	52-137	
Dibromofluoromethane (S)	%			108	58-145	
Toluene-d8 (S)	%			108	56-140	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2059624 2059625

Parameter	Units	MS		MSD		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40208273003 Result	Spike Conc.	Spike Conc.	MS Result								
Benzene	ug/kg	<25.0	1280	1280	1210	1210	94	95	70-130	1	20		
Ethylbenzene	ug/kg	<25.0	1280	1280	1380	1380	107	107	80-120	0	20		
m&p-Xylene	ug/kg	<50.0	2560	2560	2670	2690	104	105	70-130	1	20		
Methyl-tert-butyl ether	ug/kg	<25.0	1280	1280	1440	1460	112	114	70-130	2	20		
o-Xylene	ug/kg	<25.0	1280	1280	1340	1390	105	108	70-130	3	20		
Toluene	ug/kg	<25.0	1280	1280	1320	1310	103	103	80-120	0	20		
4-Bromofluorobenzene (S)	%						115	119	52-137				

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: 1219131 CLARK SITE
Pace Project No.: 40208454

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:		2059624		2059625									
Parameter	Units	40208273003 Result	MS	MSD	MS	MSD	MS	MSD	% Rec	Limits	RPD	Max RPD	Qual
			Spike Conc.	Spike Conc.	Result	Result	% Rec	% Rec					
Dibromofluoromethane (S)	%							105	107	58-145			
Toluene-d8 (S)	%							105	107	56-140			

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: 1219131 CLARK SITE
 Pace Project No.: 40208454

QC Batch: 356391	Analysis Method: ASTM D2974-87
QC Batch Method: ASTM D2974-87	Analysis Description: Dry Weight/Percent Moisture
	Laboratory: Pace Analytical Services - Green Bay

Associated Lab Samples: 40208454001, 40208454002

SAMPLE DUPLICATE: 2061118

Parameter	Units	40208457001 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	5.6	5.7	2	10	

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: 1219131 CLARK SITE
Pace Project No.: 40208454

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.
ND - Not Detected at or above LOD.
J - Estimated concentration at or above the LOD and below the LOQ.
LOD - Limit of Detection adjusted for dilution factor, percent moisture, initial weight and final volume.
LOQ - Limit of Quantitation adjusted for dilution factor, percent moisture, initial weight and final volume.
S - Surrogate
1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.
Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.
LCS(D) - Laboratory Control Sample (Duplicate)
MS(D) - Matrix Spike (Duplicate)
DUP - Sample Duplicate
RPD - Relative Percent Difference
NC - Not Calculable.
SG - Silica Gel - Clean-Up
U - Indicates the compound was analyzed for, but not detected at or above the adjusted LOD.
N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.
Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.
TNI - The NELAC Institute.

ANALYTE QUALIFIERS

W Non-detect results are reported on a wet weight basis.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 1219131 CLARK SITE
Pace Project No.: 40208454

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40208454001	SP-1 (10-15')	EPA 5035/5030B	356125	EPA 8260	356126
40208454002	SP-3 (10-12.5')	EPA 5035/5030B	356125	EPA 8260	356126
40208454001	SP-1 (10-15')	ASTM D2974-87	356391		
40208454002	SP-3 (10-12.5')	ASTM D2974-87	356391		

REPORT OF LABORATORY ANALYSIS

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Sample Preservation Receipt Form

Client Name: KBC

Project # U0208454

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	BG1U	AG1H	AG4S	AG4U	AG5U	AG2S	BP1U	BP3U	BP3B	BP3N	BP3S	VG9A	DG9T	VG9U	VG9H	VG9M	VG9D	JGFU	JG9U	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	VG9A 40 mL clear ascorbic	JGFU 4 oz amber jar unpres
BG1U 1 liter clear glass	BP3U 250 mL plastic unpres	DG9T 40 mL amber Na Thio	JG9U 9 oz amber jar unpres
AG1H 1 liter amber glass HCL	BP3B 250 mL plastic NaOH	VG9U 40 mL clear vial unpres	WGFU 4 oz clear jar unpres
AG4S 125 mL amber glass H2SO4	BP3N 250 mL plastic HNO3	VG9H 40 mL clear vial HCL	WPFU 4 oz plastic jar unpres
AG4U 120 mL amber glass unpres	BP3S 250 mL plastic H2SO4	VG9M 40 mL clear vial MeOH	SP5T 120 mL plastic Na Thiosulfate
AG5U 100 mL amber glass unpres		VG9D 40 mL clear vial DI	ZPLC ziploc bag
AG2S 500 mL amber glass H2SO4			GN
BG3U 250 mL clear glass unpres			



Document Name: Sample Condition Upon Receipt (SCUR)	Document Revised: 26Mar2020
Document No.: ENV-FRM-GBAY-0014-Rev.00	Author: Pace Green Bay Quality Office

Sample Condition Upon Receipt Form (SCUR)

Client Name: KEC

Project #: _____

WO#: **40208454**

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



Tracking #: _____

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 - NA Type of Ice: Wet Blue Dry None Samples on ice, cooling process has begun

Cooler Temperature Uncorr: RD1 /Corr: _____

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

Person examining contents: Date: <u>5/21/20</u> /Initials: <u>ds</u>
Labeled By Initials: <u>MP</u>

Temp should be above freezing to 6°C.
Biota Samples may be received at ≤ 0°C if shipped on Dry Ice.

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>page #</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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No	7.
Sufficient Volume: 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	8.
Correct Containers Used: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	9.
-Pace Containers Used: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <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>S</u>	
Trip Blank Present: <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" 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: _____

PM Review is documented electronically in LIMs. By releasing the project, the PM acknowledges they have reviewed the sample logir

Re: DOA FORMS PECFA

From: Kenneth E Konicek (k_konicek@yahoo.com)

To: dominga.surillo1@wisconsin.gov

Cc: mabelm.friederich@wisconsin.gov

Bcc: jwolff@village.grafton.wi.us

Date: Tuesday, June 9, 2020, 10:40 AM CDT

Dee,

I have not received response or the required forms. Can you please look into getting me the required forms for new PECFA claim.
Thanks

Ken

Kenneth E. Konicek, CHMM

Konicek Environmental Consulting LLC

1032 S. Spring Street Port Washington, WI 53074

262-284-2557 Office 262-284-1728 Fax 262-573-3044 Cell <https://www.konicekenvironmental.com/>

On Friday, June 5, 2020, 09:51:21 AM CDT, Surillo, Dominga - DNR <dominga.surillo1@wisconsin.gov> wrote:

Mae,

Are you able to assist?

Thanks

We are committed to service excellence.

Visit our survey at <http://dnr.wi.gov/customersurvey> to evaluate how I did.

Dee Surillo

608-267-7563

Dominga.surillo1@wisconsin.gov

From: Surillo, Dominga - DNR

Sent: Friday, June 5, 2020 9:45 AM

To: 'Kenneth E Konicek' <k_konicek@yahoo.com>

Subject: RE: DOA FORMS PECFA

Kenneth,

June 03, 2020

Aaron Lofburg
Konicek Environmental Consulting LLC
1032 S. Spring Street
Port Washington, WI 53074

RE: Project: 1219131 CLARK SITE
Pace Project No.: 40208455

Dear Aaron Lofburg:

Enclosed are the analytical results for sample(s) received by the laboratory on May 29, 2020. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Green Bay

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

Sincerely,



Steven Mleczko
steve.mleczko@pacelabs.com
(920)469-2436
Project Manager

Enclosures

cc: Greg Konicek, KONICEK ENVIRONMENTAL
Ken Konicek, KONICEK ENVIRONMENTAL



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: 1219131 CLARK SITE

Pace Project No.: 40208455

Pace Analytical Services Green Bay

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: 1219131 CLARK SITE

Pace Project No.: 40208455

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40208455001	KMW-4	Water	05/27/20 09:30	05/29/20 08:05
40208455002	KMW-6	Water	05/27/20 10:00	05/29/20 08:05
40208455003	KMW-7	Water	05/27/20 10:30	05/29/20 08:05
40208455004	KMW-9	Water	05/27/20 11:00	05/29/20 08:05
40208455005	MW-2	Water	05/27/20 11:30	05/29/20 08:05
40208455006	MW-4	Water	05/27/20 12:00	05/29/20 08:05

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: 1219131 CLARK SITE
Pace Project No.: 40208455

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40208455001	KMW-4	EPA 8260	HNW	11	PASI-G
40208455002	KMW-6	EPA 8260	HNW	11	PASI-G
40208455003	KMW-7	EPA 8260	HNW	11	PASI-G
40208455004	KMW-9	EPA 8260	HNW	11	PASI-G
40208455005	MW-2	EPA 8260	HNW	11	PASI-G
40208455006	MW-4	EPA 8260	HNW	11	PASI-G

PASI-G = Pace Analytical Services - Green Bay

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 1219131 CLARK SITE
Pace Project No.: 40208455

Sample: KMW-4 **Lab ID: 40208455001** Collected: 05/27/20 09:30 Received: 05/29/20 08:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV UST									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	2.1J	ug/L	4.0	0.99	4		05/29/20 12:17	71-43-2	
Ethylbenzene	241	ug/L	4.2	1.3	4		05/29/20 12:17	100-41-4	
Methyl-tert-butyl ether	<5.0	ug/L	16.6	5.0	4		05/29/20 12:17	1634-04-4	
Naphthalene	382	ug/L	20.0	4.7	4		05/29/20 12:17	91-20-3	
Toluene	5.7	ug/L	3.6	1.1	4		05/29/20 12:17	108-88-3	
1,2,4-Trimethylbenzene	60.8	ug/L	11.2	3.4	4		05/29/20 12:17	95-63-6	
1,3,5-Trimethylbenzene	87.0	ug/L	11.6	3.5	4		05/29/20 12:17	108-67-8	
Xylene (Total)	306	ug/L	12.0	6.0	4		05/29/20 12:17	1330-20-7	
Surrogates									
Dibromofluoromethane (S)	92	%	70-130		4		05/29/20 12:17	1868-53-7	
Toluene-d8 (S)	100	%	70-130		4		05/29/20 12:17	2037-26-5	
4-Bromofluorobenzene (S)	97	%	70-130		4		05/29/20 12:17	460-00-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 1219131 CLARK SITE

Pace Project No.: 40208455

Sample: **KMW-6** Lab ID: **40208455002** Collected: 05/27/20 10:00 Received: 05/29/20 08:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV UST		Analytical Method: EPA 8260 Pace Analytical Services - Green Bay							
Benzene	<0.25	ug/L	1.0	0.25	1		05/29/20 14:47	71-43-2	
Ethylbenzene	2.4	ug/L	1.1	0.32	1		05/29/20 14:47	100-41-4	
Methyl-tert-butyl ether	<1.2	ug/L	4.2	1.2	1		05/29/20 14:47	1634-04-4	
Naphthalene	3.0J	ug/L	5.0	1.2	1		05/29/20 14:47	91-20-3	
Toluene	<0.27	ug/L	0.90	0.27	1		05/29/20 14:47	108-88-3	
1,2,4-Trimethylbenzene	2.8	ug/L	2.8	0.84	1		05/29/20 14:47	95-63-6	
1,3,5-Trimethylbenzene	2.2J	ug/L	2.9	0.87	1		05/29/20 14:47	108-67-8	
Xylene (Total)	4.6	ug/L	3.0	1.5	1		05/29/20 14:47	1330-20-7	
Surrogates									
Dibromofluoromethane (S)	95	%	70-130		1		05/29/20 14:47	1868-53-7	
Toluene-d8 (S)	99	%	70-130		1		05/29/20 14:47	2037-26-5	
4-Bromofluorobenzene (S)	89	%	70-130		1		05/29/20 14:47	460-00-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 1219131 CLARK SITE

Pace Project No.: 40208455

Sample: KMW-7 Lab ID: 40208455003 Collected: 05/27/20 10:30 Received: 05/29/20 08:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV UST									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	<0.25	ug/L	1.0	0.25	1		05/29/20 15:09	71-43-2	
Ethylbenzene	1.9	ug/L	1.1	0.32	1		05/29/20 15:09	100-41-4	
Methyl-tert-butyl ether	<1.2	ug/L	4.2	1.2	1		05/29/20 15:09	1634-04-4	
Naphthalene	2.2J	ug/L	5.0	1.2	1		05/29/20 15:09	91-20-3	
Toluene	<0.27	ug/L	0.90	0.27	1		05/29/20 15:09	108-88-3	
1,2,4-Trimethylbenzene	2.3J	ug/L	2.8	0.84	1		05/29/20 15:09	95-63-6	
1,3,5-Trimethylbenzene	1.8J	ug/L	2.9	0.87	1		05/29/20 15:09	108-67-8	
Xylene (Total)	3.7	ug/L	3.0	1.5	1		05/29/20 15:09	1330-20-7	
Surrogates									
Dibromofluoromethane (S)	95	%	70-130		1		05/29/20 15:09	1868-53-7	
Toluene-d8 (S)	99	%	70-130		1		05/29/20 15:09	2037-26-5	
4-Bromofluorobenzene (S)	89	%	70-130		1		05/29/20 15:09	460-00-4	

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ANALYTICAL RESULTS

Project: 1219131 CLARK SITE
Pace Project No.: 40208455

Sample: **KMW-9** Lab ID: **40208455004** Collected: 05/27/20 11:00 Received: 05/29/20 08:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV UST		Analytical Method: EPA 8260 Pace Analytical Services - Green Bay							
Benzene	<0.49	ug/L	2.0	0.49	2		05/29/20 12:39	71-43-2	
Ethylbenzene	94.0	ug/L	2.1	0.64	2		05/29/20 12:39	100-41-4	
Methyl-tert-butyl ether	<2.5	ug/L	8.3	2.5	2		05/29/20 12:39	1634-04-4	
Naphthalene	36.3	ug/L	10.0	2.4	2		05/29/20 12:39	91-20-3	
Toluene	<0.54	ug/L	1.8	0.54	2		05/29/20 12:39	108-88-3	
1,2,4-Trimethylbenzene	166	ug/L	5.6	1.7	2		05/29/20 12:39	95-63-6	
1,3,5-Trimethylbenzene	18.7	ug/L	5.8	1.7	2		05/29/20 12:39	108-67-8	
Xylene (Total)	159	ug/L	6.0	3.0	2		05/29/20 12:39	1330-20-7	
Surrogates									
Dibromofluoromethane (S)	96	%	70-130		2		05/29/20 12:39	1868-53-7	
Toluene-d8 (S)	100	%	70-130		2		05/29/20 12:39	2037-26-5	
4-Bromofluorobenzene (S)	92	%	70-130		2		05/29/20 12:39	460-00-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 1219131 CLARK SITE

Pace Project No.: 40208455

Sample: MW-2 Lab ID: 40208455005 Collected: 05/27/20 11:30 Received: 05/29/20 08:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV UST									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	<0.25	ug/L	1.0	0.25	1		05/29/20 15:30	71-43-2	
Ethylbenzene	<0.32	ug/L	1.1	0.32	1		05/29/20 15:30	100-41-4	
Methyl-tert-butyl ether	<1.2	ug/L	4.2	1.2	1		05/29/20 15:30	1634-04-4	
Naphthalene	<1.2	ug/L	5.0	1.2	1		05/29/20 15:30	91-20-3	
Toluene	<0.27	ug/L	0.90	0.27	1		05/29/20 15:30	108-88-3	
1,2,4-Trimethylbenzene	<0.84	ug/L	2.8	0.84	1		05/29/20 15:30	95-63-6	
1,3,5-Trimethylbenzene	<0.87	ug/L	2.9	0.87	1		05/29/20 15:30	108-67-8	
Xylene (Total)	<1.5	ug/L	3.0	1.5	1		05/29/20 15:30	1330-20-7	
Surrogates									
Dibromofluoromethane (S)	96	%	70-130		1		05/29/20 15:30	1868-53-7	
Toluene-d8 (S)	97	%	70-130		1		05/29/20 15:30	2037-26-5	
4-Bromofluorobenzene (S)	86	%	70-130		1		05/29/20 15:30	460-00-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 1219131 CLARK SITE

Pace Project No.: 40208455

Sample: MW-4 Lab ID: 40208455006 Collected: 05/27/20 12:00 Received: 05/29/20 08:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV UST		Analytical Method: EPA 8260 Pace Analytical Services - Green Bay							
Benzene	<0.25	ug/L	1.0	0.25	1		05/29/20 15:52	71-43-2	
Ethylbenzene	<0.32	ug/L	1.1	0.32	1		05/29/20 15:52	100-41-4	
Methyl-tert-butyl ether	<1.2	ug/L	4.2	1.2	1		05/29/20 15:52	1634-04-4	
Naphthalene	<1.2	ug/L	5.0	1.2	1		05/29/20 15:52	91-20-3	
Toluene	<0.27	ug/L	0.90	0.27	1		05/29/20 15:52	108-88-3	
1,2,4-Trimethylbenzene	<0.84	ug/L	2.8	0.84	1		05/29/20 15:52	95-63-6	
1,3,5-Trimethylbenzene	<0.87	ug/L	2.9	0.87	1		05/29/20 15:52	108-67-8	
Xylene (Total)	<1.5	ug/L	3.0	1.5	1		05/29/20 15:52	1330-20-7	
Surrogates									
Dibromofluoromethane (S)	93	%	70-130		1		05/29/20 15:52	1868-53-7	
Toluene-d8 (S)	100	%	70-130		1		05/29/20 15:52	2037-26-5	
4-Bromofluorobenzene (S)	88	%	70-130		1		05/29/20 15:52	460-00-4	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 1219131 CLARK SITE
Pace Project No.: 40208455

QC Batch: 356140 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV UST-WATER
Laboratory: Pace Analytical Services - Green Bay

Associated Lab Samples: 40208455001, 40208455002, 40208455003, 40208455004, 40208455005, 40208455006

METHOD BLANK: 2059675 Matrix: Water
Associated Lab Samples: 40208455001, 40208455002, 40208455003, 40208455004, 40208455005, 40208455006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4-Trimethylbenzene	ug/L	<0.84	2.8	05/29/20 06:55	
1,3,5-Trimethylbenzene	ug/L	<0.87	2.9	05/29/20 06:55	
Benzene	ug/L	<0.25	1.0	05/29/20 06:55	
Ethylbenzene	ug/L	<0.32	1.1	05/29/20 06:55	
Methyl-tert-butyl ether	ug/L	<1.2	4.2	05/29/20 06:55	
Naphthalene	ug/L	<1.2	5.0	05/29/20 06:55	
Toluene	ug/L	<0.27	0.90	05/29/20 06:55	
Xylene (Total)	ug/L	<1.5	3.0	05/29/20 06:55	
4-Bromofluorobenzene (S)	%	93	70-130	05/29/20 06:55	
Dibromofluoromethane (S)	%	100	70-130	05/29/20 06:55	
Toluene-d8 (S)	%	103	70-130	05/29/20 06:55	

LABORATORY CONTROL SAMPLE: 2059676

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzene	ug/L	50	48.4	97	70-130	
Ethylbenzene	ug/L	50	53.8	108	80-120	
Methyl-tert-butyl ether	ug/L	50	51.2	102	61-129	
Toluene	ug/L	50	49.5	99	80-120	
Xylene (Total)	ug/L	150	159	106	70-130	
4-Bromofluorobenzene (S)	%			103	70-130	
Dibromofluoromethane (S)	%			95	70-130	
Toluene-d8 (S)	%			99	70-130	

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

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QUALIFIERS

Project: 1219131 CLARK SITE

Pace Project No.: 40208455

DEFINITIONS

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

ND - Not Detected at or above LOD.

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

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

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

S - Surrogate

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

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

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

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

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

TNI - The NELAC Institute.

WORKORDER QUALIFIERS

WO: 40208455

[1] Revised - PM - revised report to remove unneeded analyte. SVM 6/3/2020

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 1219131 CLARK SITE
Pace Project No.: 40208455

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40208455001	KMW-4	EPA 8260	356140		
40208455002	KMW-6	EPA 8260	356140		
40208455003	KMW-7	EPA 8260	356140		
40208455004	KMW-9	EPA 8260	356140		
40208455005	MW-2	EPA 8260	356140		
40208455006	MW-4	EPA 8260	356140		

REPORT OF LABORATORY ANALYSIS

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Sample Preservation Receipt Form

Pace Analytical Services, LLC
1241 Bellevue Street, Suite 9
Green Bay, WI 54302

Client Name: KEC

Project # 60208455

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	BG1U	AG1H	AG4S	AG4U	AG5U	AG2S	BG3U	BP1U	BP3U	BP3B	BP3N	BP3S	VG9A	DG9T	VG9U	VG9H	VG9M	VG9D	JGFU	JG9U	WGFU	WPFU								SP5T	ZPLC	GN	
001																																		2.5 / 5 / 10
002																																		2.5 / 5 / 10
003																																		2.5 / 5 / 10
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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	VG9A 40 mL clear ascorbic	JGFU 4 oz amber jar unpres
BG1U 1 liter clear glass	BP3U 250 mL plastic unpres	DG9T 40 mL amber Na Thio	JG9U 9 oz amber jar unpres
AG1H 1 liter amber glass HCL	BP3B 250 mL plastic NaOH	VG9U 40 mL clear vial unpres	WGFU 4 oz clear jar unpres
AG4S 125 mL amber glass H2SO4	BP3N 250 mL plastic HNO3	VG9H 40 mL clear vial HCL	WPFU 4 oz plastic jar unpres
AG4U 120 mL amber glass unpres	BP3S 250 mL plastic H2SO4	VG9M 40 mL clear vial MeOH	SP5T 120 mL plastic Na Thiosulfate
AG5U 100 mL amber glass unpres		VG9D 40 mL clear vial DI	ZPLC ziploc bag
AG2S 500 mL amber glass H2SO4			GN
BG3U 250 mL clear glass unpres			

 1241 Bellevue Street, Green Bay, WI 54302	Document Name: Sample Condition Upon Receipt (SCUR)	Document Revised: 26Mar2020
	Document No.: ENV-FRM-GBAY-0014-Rev.00	Author: Pace Green Bay Quality Office

Sample Condition Upon Receipt Form (SCUR)

Client Name: KEC
Courier: CS Logistics Fed Ex Speedee UPS Walto
 Client Pace Other: _____

Project #: _____
WO# : 40208455

 40208455

Tracking #: _____
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 - NA **Type of Ice:** Wet Blue Dry None Samples on ice, cooling process has begun
Cooler Temperature Uncorr: PO /Corr: _____
Temp Blank Present: yes no **Biological Tissue is Frozen:** yes no

Person examining contents:
 Date: 5/24/20 /Initials: MS
 Labeled By Initials: MS

Temp should be above freezing to 6°C.
 Biota Samples may be received at ≤ 0°C if shipped on Dry Ice.

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 checked="" type="checkbox"/> No <input type="checkbox"/> N/A	2. <u>page #</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 checked="" type="checkbox"/> Yes <input 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>no time</u>
-Includes date/time/ID/Analysis Matrix:	<u>W</u>	<u>MS/24/20</u>
Trip Blank Present:	<input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input checked="" 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: _____

PM Review is documented electronically in LIMs. By releasing the project, the PM acknowledges they have reviewed the sample logir