PIONEER ENVIRONMENTAL GROUP OF WISCONSIN, INC.

203 ½ East Main Street, P.O. Box 102, Mount Horeb, Wisconsin 53572
608-437-3900 / jdrapeau@pei-wisc.com

October 5, 2023

Mr. Troy Batzel
Kwik Trip, Inc.
1626 Oak Street
P.O. Box 2107
La Crosse, WI 54602-2107

RE: PHASE II ENVIRONMENTAL SITE ASSESSMENT
Proposed KT314 Expansion//Mikes Auto Repair
104 N. Main Street, Pardeeville, Wisconsin.

Dear Mr. Batzel:

In accordance with your authorization, Pioneer Environmental Group of WI Inc (PEI) completed a Phase II ESA of the referenced property. The object of the assessment was to evaluate the site for indications of detrimental environmental impacts from previous or neighboring uses of the site.

BACKGROUND

The subject property is located in the southeast ¼ of the northwest ¼ of Section 3, Township 12 North, Range 10 East, Village of Pardeeville, Columbia County, Wisconsin (Figure 1). The subject property consists of 1 parcel of land totaling approximately 0.21 acres centrally located in the Village of Pardeeville. Specifically, the subject property is located at 104 North Main Street. The subject property is assigned parcel #1117-1. The site layout of the site is depicted on Figure 2.

The subject property consists of approximately 0.21 acres of land located in an area of mixed commercial and residential properties located in the central quadrant of the Village of Pardeeville. The subject property includes a single-story commercial building used for automotive repair. The remainder of the property consists of a concrete parking lot and limited green space. The subject property is bordered on the north by Kwik Trip Station #314, to the south by E. Chestnut Street, to the east by a private residence and to the west by North Main Street.

As a result of the property reconnaissance and other investigative work, the historical presence of underground petroleum storage tanks that resulted in soil and groundwater contamination and subsequent closure with continuing obligations is considered a Controlled Recognized Environmental Condition for the subject property. The petroleum impacts are exhibited on Figure 3 Historical Environmental Data Map. In addition, the storage of waste oil on the subject property, using less than best management practices, is also considered a Recognized Environmental Condition for the subject property. Based on the location, soil lithology and/or reporting status, no adjacent properties are considered a recognized environmental condition in relationship to the subject property.

PHASE II ASSESSMENT

The Phase II ESA consisted of four geoprobe borings (GP1 to GP4) that were drilled at the site on August 17, 2023 to determine the presence of subsurface soil and/or groundwater contamination potentially related to current and previous uses of the subject property and obtain geotechnical samples for a Geotechnical Report (see separate document). The boring locations were determined based on evaluating

the sites geotechnical conditions and assessing the potential recognized environmental conditions. The information collected is limited to the soil and/or groundwater encountered within the boreholes. Refer to Figure 2 for the boring locations.

Soil samples collected from borings GP1 to GP4 were visually examined and field screened for the presence of organic vapors with a photoionization detector (PID) using headspace procedures. Elevated PID readings were only observed in GP2 with 32ppm at 8' bg, 23ppm at 15'bg and 183ppm at 17' bg. The other borings has no observable PID readings.

Soil borings were generally sampled at 2-foot intervals up to 20 feet below ground surface (bgs). Topsoil/fill, consisting of dark brown silty fine sand, was observed in the upper 12 inches of the soil column. Native soil, underlying the fill material, consisted primarily of brown very-fine to fine sand with trace silt. Groundwater was encountered in each of soil borings drilled at the site at depths of approximately 14 feet bgs. The soil boring logs are attached.

Based upon the soil conditions encountered within each borehole, 2 to 3 soil sample intervals were collected from borings GP1-GP4 for laboratory analysis of volatile organic compounds (VOCs) and lead (Pb). In addition, one groundwater sample was collected from each boring for laboratory VOC analysis. Boreholes were abandoned with bentonite chips per the requirements of Wisconsin Administrative Code NR141.

ANALYTICAL RESULTS

The soil sample analytical results indicated the VOC concentrations were below method detection limits (MDLs) for all four (GP1 to GP4) of the soil samples collected and submitted for analysis, with the exception of 1,2,4-trimethylbenzene (60.5 ug/kg) which was identified in soil sample GP3 at the 1 ft bgs sample interval. Lead was identified in each soil boring at levels ranging from 0.63-11.6 mg/kg. Soil sample analytical results are summarized in Table A.1.

The groundwater sample analytical results identified VOC concentrations above the limits of detection in all four samples for specific parameters and are summarized in Table A.2. Preventive Action Limits (PALs) were exceeded for specific parameters in each of the groundwater samples submitted for analysis: GP1- benzene, bromomethane, and chloromethane; GP2-1,3,5-trimethylbenzene, chloromethane, and bromomethane; GP3 and GP4-chloromethane. One enforcement standard (ES) exceedance was identified in the groundwater sample from boring GP2 (1,2,4-trimethylbenzene-1070 ug/l).

The complete laboratory analytical report and accompanying chain-of-custody forms are attached. The lab results are exhibited in Figure 4.

PRELIMINARY DEWATERING ASSESSMENT

Based on boring information, groundwater appears to be present at 14 ft bgs within fine alluvium sands. The uniform sandy soils would likely warrant a well point dewatering system. The estimated quantity of groundwater pumping rate would be 150-250 GPM range. Depending on quantity of silt, this maybe of lesser flow rate. In order to define dewatering flow rates better, Pioneer would recommend the excavation of dewatering test pit to allow the performance of a dewatering pump test. The test pit activity can be coordinated with the demolition of the structures on the site.

Based on the pre-development storm water drainage system at and in the vicinity of the site, the receiving water for a dewatering discharge from the site would be Park Lake/Spring Lake, which is located approximately 900 feet to the north of the site, down Main Street. A 12/24-inch storm sewer and associated catch basins are located along the west side of the site on the east side of Main Street. There are no storm sewers along 2nd Avenue to the East of the subject property. This storm sewer discharges to the small stream/connection channel between both Park and Spring Lake. Figure 6 shows the flow path and discharge point.

Pioneer reviewed the Outstanding and Exceptional Waters Report spreadsheet for Columbia County, obtained from the Wisconsin Department of Natural Resources. Neither Park or Spring Lake are listed as outstanding or exceptional waters, they both are listed as impaired waters (Attached). Based on

anticipated flows, the Village of Pardeeville is most likely not capable of handling this quantity/flow of water via sanitary sewer, or at the treatment facility.

CONCLUSIONS & RECOMMENDATIONS

The result of the Phase II ESA indicated no VOC soil contamination in any of the samples submitted for laboratory analysis with the exception of a low-level detection of 1,2,4-trimethylbenzene in boring GP3 . The groundwater sample analytical results identified low level VOC concentrations above established PALs in all 4 groundwater samples submitted for analysis. An ES exceedance for 1,2,4-trimethylbenzene was reported in the groundwater sample from GP2. Based on the presence of these concentrations, the responsible party should notify the WDNR of the laboratory data.

In comparison with the 2011-2015 Site Investigation data, the Phase II ESA GP2 was located immediate vicinity of the potential historical source, the former pump island and MW3 (historical) was located 20ft down gradient. Comparison of MW3 2014 sampling data shows PVOCs with higher concentrations than GP2 results, except for 1,2,4-Trimethylbenzene which was 1,070 ug/l (GP2) to 380 ug/l (MW3). Based on the close proximity to the historical source and the mostly decreasing to relatively stable PVOC concentrations, PEI recommends no further investigation is necessary. However, based on the WDNR letter dated October 2, 2015, *Final Case Closure with Continiung Obligations*, a Concrete/Asphalt cover needs to be maintained. Prior to site redevelopment, a Post Closure Cap Modification Plan will need to be submitted and approved by the WDNR.

Very truly yours,

PIONEER ENVIRONMENTAL GROUP OF WI. INC.

Joseph Drapeau, PG
Senior Project Hydrogeologist

Attachments:

Figure 1 – Site Location Map
Figure 2 – Soil Layout Map
Figure 3 – Historical Environmental Data Map
Figure 4 – Current Environmental Data Map
Figure 5 – Proposed Site Layout Map
Figure 4 – Preliminary GW Dewatering Discharge Location Map
Boring Logs
Analytical Laboratory Reports
Park & Swan Lake Watershed Summary

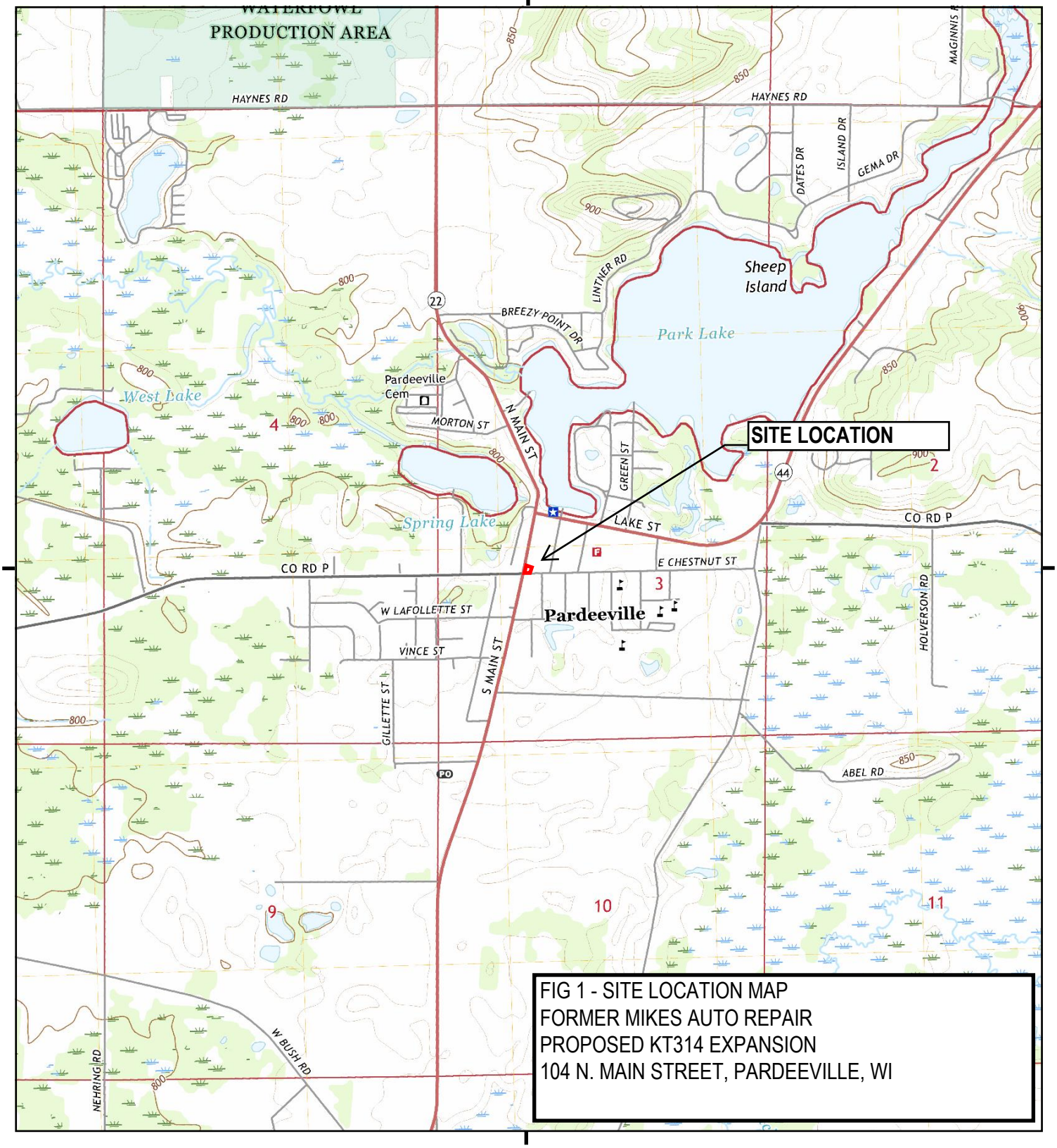

FIG 1 - SITE LOCATION MAP
FORMER MIKES AUTO REPAIR
PROPOSED KT314 EXPANSION
104 N. MAIN STREET, PARDEEVILLE, WI

This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Pardeeville, 2018, 7.5-minute

SITE NAME: Mikes Auto
ADDRESS: 104 N Main Street
Pardeeville, WI 53954
CLIENT: Pioneer Environmental

N

N. Main St. / St. Hwy 22

Concrete Sidewalk

Concrete

GP-4

Asphalt

GP-2

Former Pump Islands

Mike's Auto Repair

GP-3

Asphalt

Former USTs

Gravel

Concrete

Concrete

Asphalt

GP-1

Concrete Sidewalk

Alley

E. Chestnut St. / Co. Hwy P

OH

W

SAN

G

ST

Phase II ESA Geoprobes

Electric - Overhead

Utility Pole

Gas

Sanitary Sewer

Storm Sewer

Water

Hydrant

Valve

Property Boundary

0 20

1" = 20'

NORTH

PIONEER ENVIRONMENTAL GROUP OF WISCONSIN, INC.

FIGURE 2
SITE LAYOUT MAP
KWIK TRIP #314

104 N. Main St.
Pardeeville, WI

Figure	Approved By:	Date Approved:	Date Drawn:	Drawn by:
2	J. Drapeau	9/1/2023	9/1/2023	R. Schwartz

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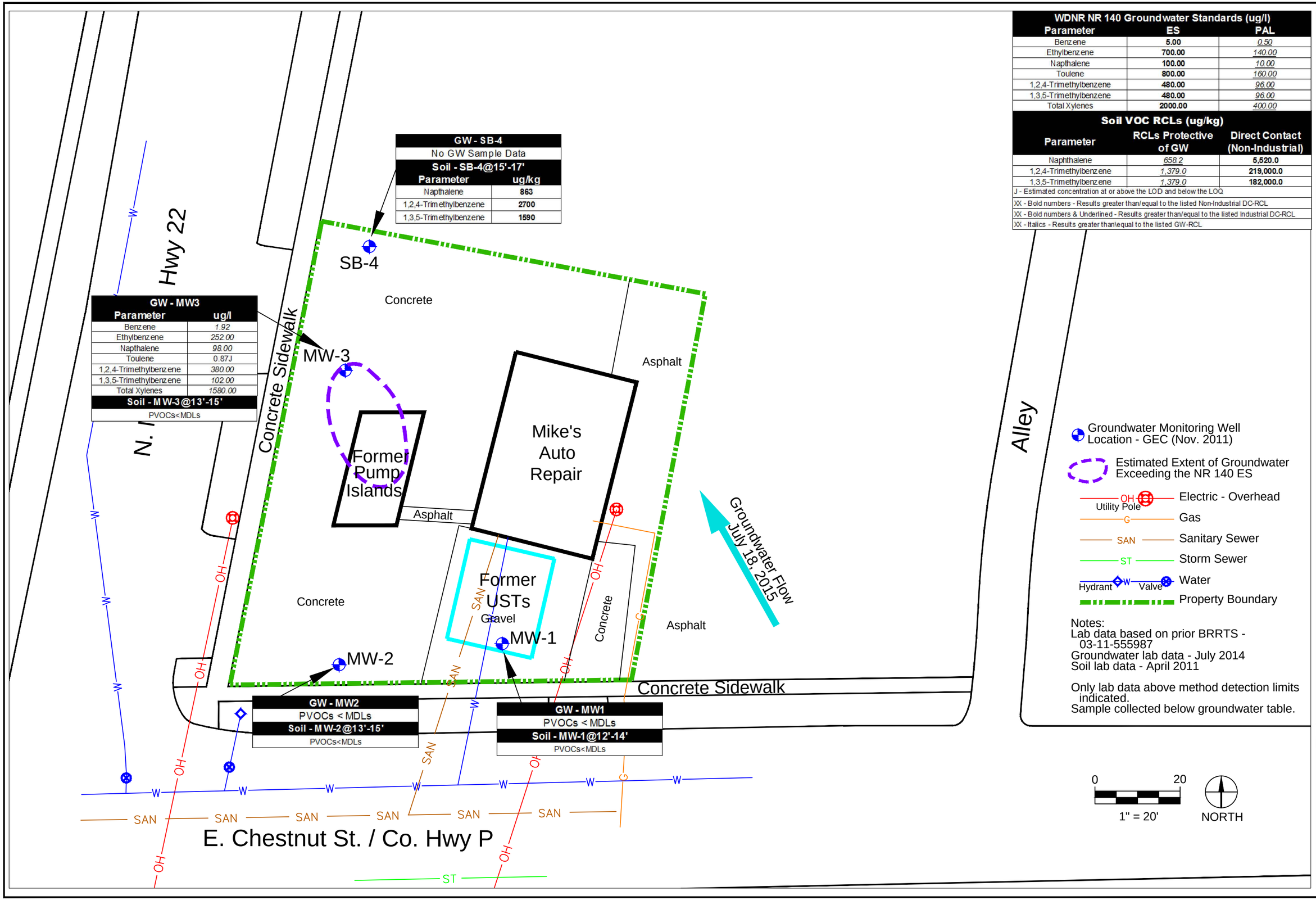

WDNR NR 140 Groundwater Standards (ug/l)		
Parameter	ES	PAL
Benzene	**5.00**	*0.50*
Ethylbenzene	**700.00**	*140.00*
Napthalene	**100.00**	*10.00*
Toulene	**800.00**	*160.00*
1,2,4-Trimethylbenzene	**480.00**	*96.00*
1,3,5-Trimethylbenzene	**480.00**	*96.00*
Total Xylenes	**2000.00**	*400.00*

Soil VOC RCLs (ug/kg)		
Parameter	RCLs Protective of GW	Direct Contact (Non-Industrial)
Naphthalene	*658.2*	**5,520.0**
1,2,4-Trimethylbenzene	*1,379.0*	**219,000.0**
1,3,5-Trimethylbenzene	*1,379.0*	**182,000.0**

J - Estimated concentration at or above the LOD and below the LOQ
XX - Bold numbers - Results greater than/equal to the listed Non-Industrial DC-RCL
XX - Bold numbers & Underlined - Results greater than/equal to the listed Industrial DC-RCL
XX - Italics - Results greater than\equal to the listed GW-RCL

Groundwater Monitoring Well Location - GEC (Nov. 2011)

Estimated Extent of Groundwater Exceeding the NR 140 ES

Electric - Overhead (Utility Pole)

Gas

Sanitary Sewer

Storm Sewer

Water (Hydrant, Valve)

Property Boundary

Notes:
Lab data based on prior BRRTS - 03-11-555987
Groundwater lab data - July 2014
Soil lab data - April 2011

Only lab data above method detection limits indicated.
Sample collected below groundwater table.

0 20
1" = 20'

NORTH

PIONEER ENVIRONMENTAL GROUP OF WISCONSIN, INC.

FIGURE 3
HISTORIC ENVIRONMENTAL DATA MAP
KWIK TRIP #314
104 N. Main St.
Pardeeville, WI

Figure 3

Approved By: J. Drapeau
Date Approved: 9/1/2023
Date Drawn: 9/1/2023
Drawn by: R. Schwartz

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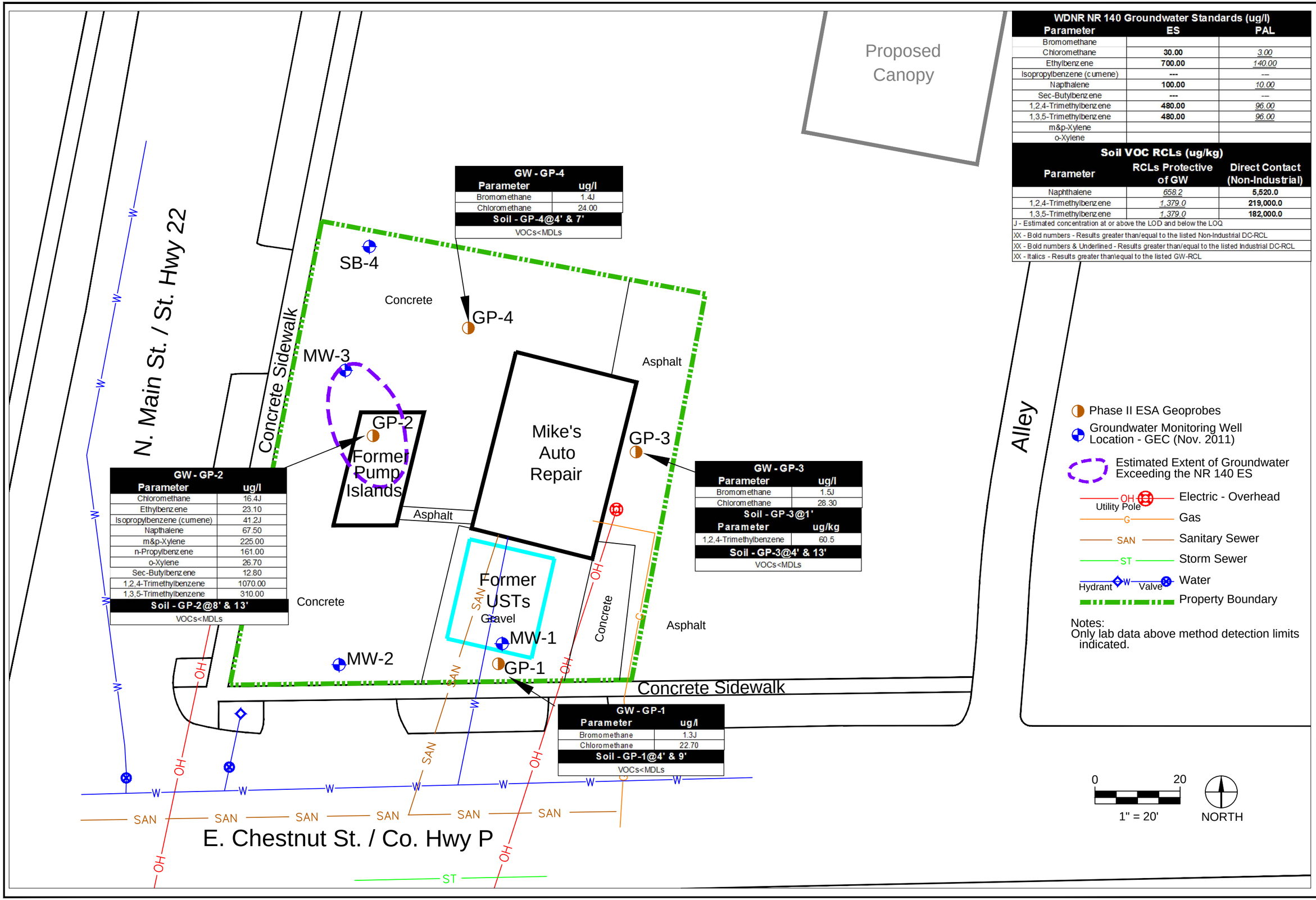

GW - GP-4	
Parameter	ug/l
Bromomethane	1.4J
Chloromethane	24.00
Soil - GP-4@4' & 7'	
VOCs<MDLs	

GW - GP-2	
Parameter	ug/l
Chloromethane	16.4J
Ethylbenzene	23.10
Isopropylbenzene (cumene)	41.2J
Napthalene	67.50
m&p-Xylene	225.00
n-Propylbenzene	161.00
o-Xylene	26.70
Sec-Butylbenzene	12.80
1,2,4-Trimethylbenzene	1070.00
1,3,5-Trimethylbenzene	310.00
Soil - GP-2@8' & 13'	
VOCs<MDLs	

GW - GP-3	
Parameter	ug/l
Bromomethane	1.5J
Chloromethane	28.30
Soil - GP-3@1'	
Parameter	ug/kg
1,2,4-Trimethylbenzene	60.5
Soil - GP-3@4' & 13'	
VOCs<MDLs	

GW - GP-1	
Parameter	ug/l
Bromomethane	1.3J
Chloromethane	22.70
Soil - GP-1@4' & 9'	
VOCs<MDLs	

WDNR NR 140 Groundwater Standards (ug/l)		
Parameter	ES	PAL
Bromomethane		
Chloromethane	**30.00**	*3.00*
Ethylbenzene	**700.00**	*140.00*
Isopropylbenzene (cumene)	**---**	---
Napthalene	**100.00**	*10.00*
Sec-Butylbenzene	**---**	---
1,2,4-Trimethylbenzene	**480.00**	*96.00*
1,3,5-Trimethylbenzene	**480.00**	*96.00*
m&p-Xylene		
o-Xylene		

Soil VOC RCLs (ug/kg)		
Parameter	RCLs Protective of GW	Direct Contact (Non-Industrial)
Naphthalene	*658.2*	**5,520.0**
1,2,4-Trimethylbenzene	*1,379.0*	**219,000.0**
1,3,5-Trimethylbenzene	*1,379.0*	**182,000.0**

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

XX - Bold numbers - Results greater than/equal to the listed Non-Industrial DC-RCL

XX - Bold numbers & Underlined - Results greater than/equal to the listed Industrial DC-RCL

XX - Italics - Results greater than\equal to the listed GW-RCL

- Phase II ESA Geoprobes
- Groundwater Monitoring Well Location - GEC (Nov. 2011)
- Estimated Extent of Groundwater Exceeding the NR 140 ES
- Electric - Overhead
- Utility Pole
- Gas
- Sanitary Sewer
- Storm Sewer
- Water
- Hydrant
- Valve
- Property Boundary

Notes:
Only lab data above method detection limits indicated.

0 20
1" = 20'

NORTH

PIONEER ENVIRONMENTAL GROUP OF WISCONSIN, INC.

FIGURE 4
ENVIRONMENTAL DATA MAP
KWIK TRIP #314

104 N. Main St.
Pardeeville, WI

Figure 4

Approved By: J. Drapeau
Date Approved: 9/1/2023
Date Drawn: 9/1/2023
Drawn by: R. Schwartz

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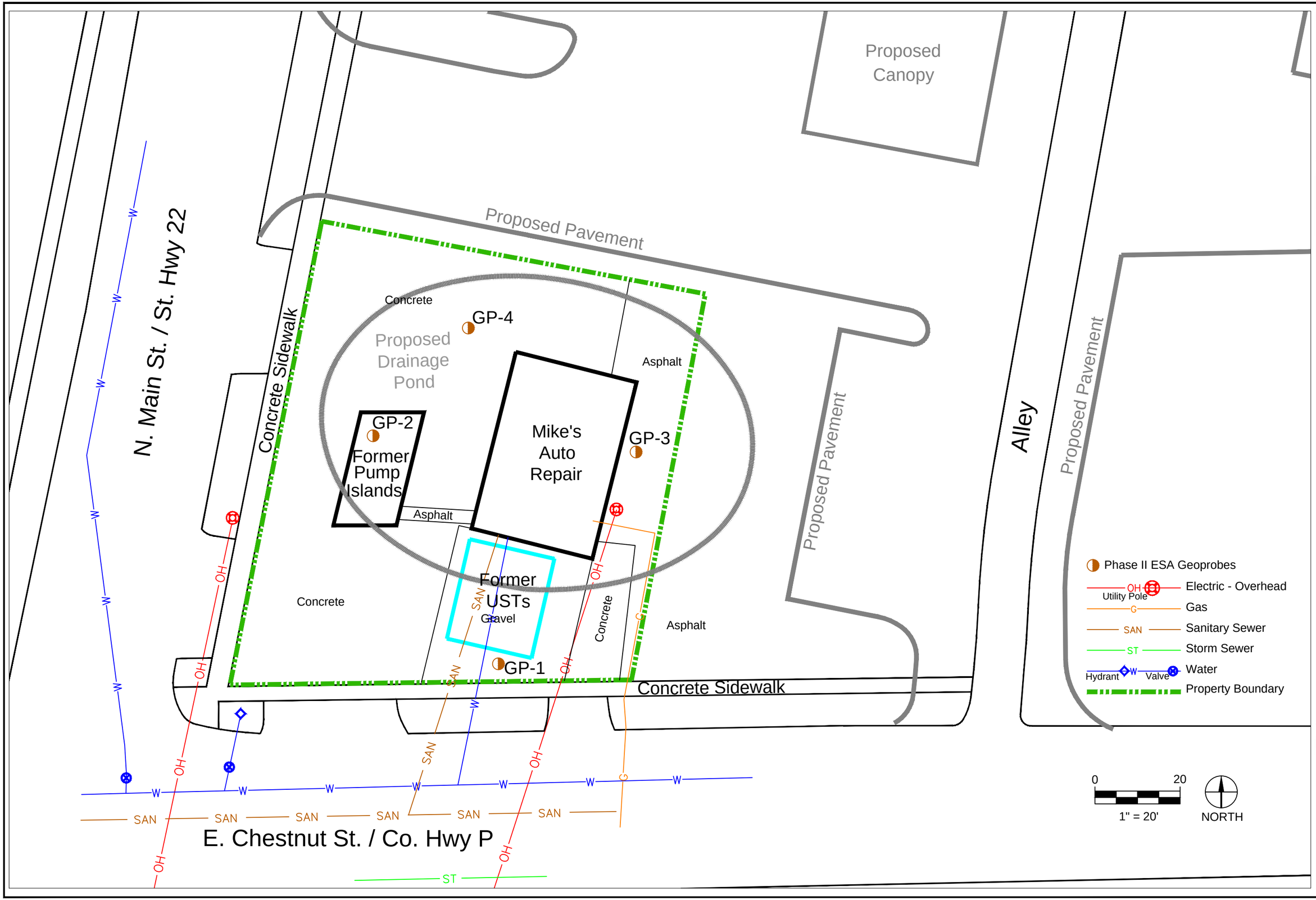

PIONEER ENVIRONMENTAL GROUP OF WISCONSIN, INC.

FIGURE 5
PROPOSED NEW SITE LAYOUT MAP
KWIK TRIP #314
104 N. Main St.
Pardeeville, WI

Figure	Approved By:	Date Approved:	Date Drawn:	Drawn by:
5	J. Drapeau	9/1/2023	9/1/2023	R. Schwartz

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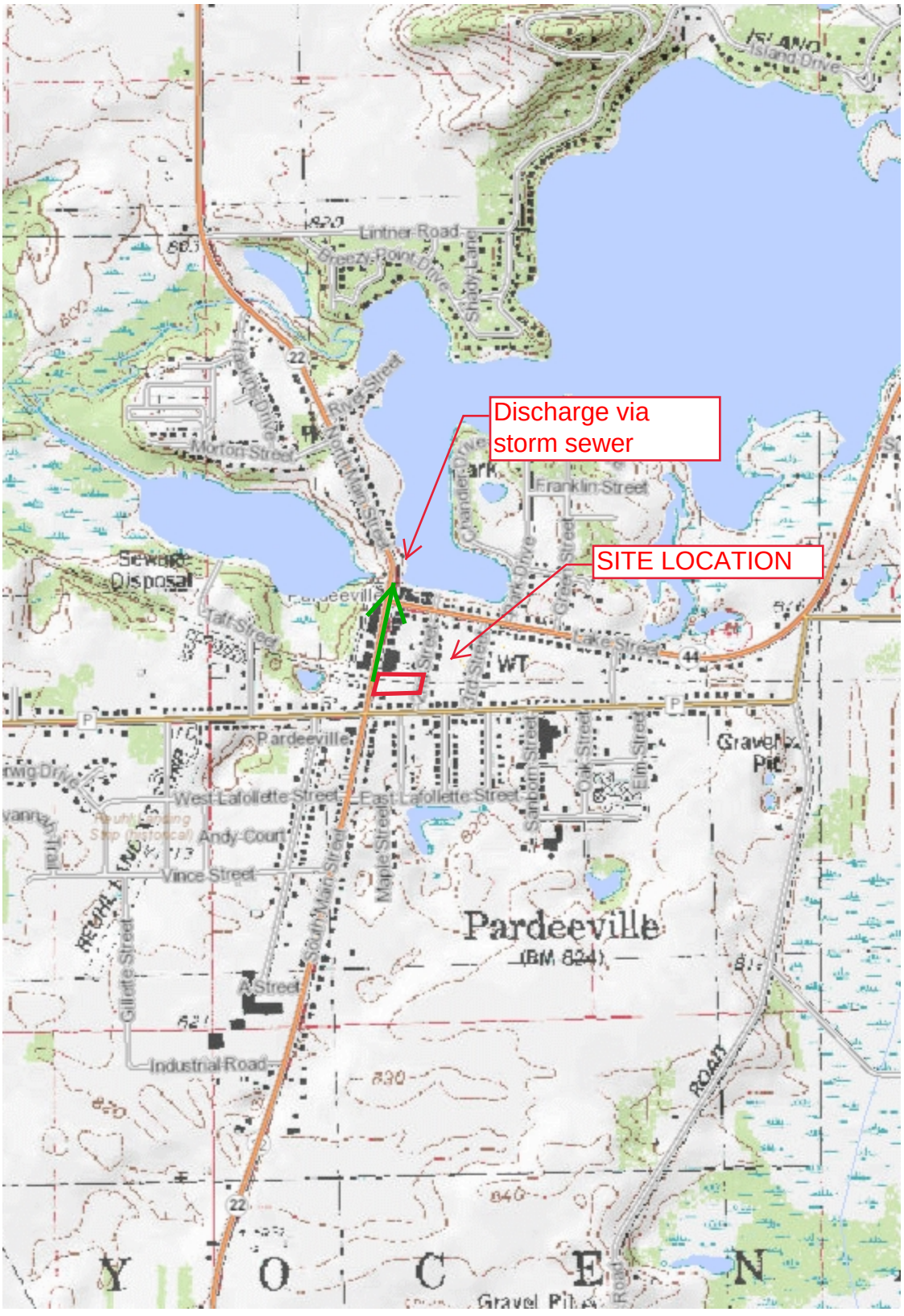
Surface Water Data Viewer Map=KT314 GW discharge Location



Legend

- Municipality
- State Boundaries
- County Boundaries
- Major Roads
  - Interstate Highway
  - State Highway
  - US Highway
- County and Local Roads
  - County HWY
  - Local Road
- Railroads
- Tribal Lands
- Rivers and Streams
- Intermittent Streams
- Lakes and Open water
- 24K USGS Quad Index - Level 7 - 16

0.5 0 0.25 0.5 M

NAD_1983_HARN_Wisconsin_TM

FIGURE 6- GROUNDWATER DISCHARGE MAP
PROPOSED KT314 EXP//FORMER AUTO REPAIR
104 NORTH MAIN STREET
PARDEEVILLE, WISCONSIN

TABLE A.1

PROPOSED KWIK TRIP 314ADJ/MIKES REPAIR
PARDEEVILLE, WISCONSIN

SOIL QUALITY - VOC ANALITICAL SUMMARY

(all results are in micrograms per kilogram (ug/kg), except where noted)

Sample #			GP1-4	GP1-9	GP2-8	GP2-13	GP3-1	GP3-4	GP3-13	GP4-2	GP4-7
Depth (ft bls)			4	9	8	13	1	4	13	2	7
Date collected	**DNR Soil RCLs : June 2016**		8/17/2023	8/17/2023	8/17/2023	8/17/2023	8/17/2023	8/17/2023	8/17/2023	8/17/2023	8/17/2023
DTW (ft bls)	**Not To Exceed**	*Not to Exceed*	14'	14'	14'	14'	14'	14'	14'	14'	14'
Soil Type	**Direct Contact**	*Groundwater*	Sand, fine	Sand, fine	Sand, fine	Sand, fine	Sand, fine	Sand, fine	Sand, fine	Sand, fine	Sand, fine
Soils Removed or in-place	**(Non-Ind)**	*Protection*	in-place	in-place	in-place	in-place	in-place	in-place	in-place	in-place	in-place
	(Note: indicated in ug/kg)										
PARAMETER											
VOC (Method 8260)											
Lead (results in mg/kg)	**400,000**	*27,000*	0.63J	<0.60	0.82J	1.7J	11.6	1.3J	0.90J	3.8	<0.61
1,2,4-trimethylbenzene	**89,800**	*1,382*	<16.5	<16.1	<16.2	<16.3	60.5	<16.9	<16.0	<16.7	<16.0
1,3,5-trimethylbenzene			<17.8	<17.4	<17.5	<17.6	<19.1	<18.3	<17.3	<18.0	<17.3
Benzene	**1,490**	*5.10*	<13.2	<12.9	<12.9	<13.0	<14.1	<13.5	<12.8	<13.3	<12.8
Ethylbenzene	**7,470**	*1,570*	<13.2	<12.9	<12.9	<13.0	<14.1	<13.5	<12.8	<13.3	<12.8
MTBE	**63,800**	*27.00*	<16.3	<15.9	<16.0	<16.1	<17.4	<16.7	<15.8	<16.5	<15.8
Napthalene	**5,150**	*658.20*	<17.3	<16.9	<17.0	<17.0	<18.5	<17.7	<16.8	<17.5	<16.8
Tolune	**818,000**	*1,107*	<14.0	<13.6	<13.7	<13.8	<14.9	<14.3	<13.5	<14.1	<13.6
Total Xylenes	**260,000**	*3,940*	<40.0	<39.0	<39.3	<39.4	<42.8	<40.9	<38.8	<40.4	<38.9

J Estimated concentration at or above LOD and below LOQ

* DC-RCL Based on default soil direct contact RCLS for parameters from WDNR Soil RCL Worksheets (ver 12-18)

* GW-RCL Based on default groundwater RCLs for parameters from WDNR Soil RCL Worksheets (ver 12-18)

xx – Bold Numbers - Results greater then\equal to the listed Non-Industrial DC-RCL

xx – Bold Numbers & Underlined - Results greater then\equal to the listed Industrial DC-RCL

xx - Italics – Results greater then\equal to the listed GW -RCL

TABLE A.2
PHASE II - GROUNDWATER QUALITY SUMMARY

PROPOSED KT314ADJ//MIKES REPAIR
PARDEEVILLE, WISCONSIN

BORING #			GP1	GP2	GP3	GP4
Date collected	**WDNR NR140 ES & PALs**		8/17/2023	8/17/2023	8/17/2023	8/17/2023
DTW (ft bls)	**Enforecment Standard**	*Preventative Action Limit*	14'	14'	14'	14'
PARAMETER						
VOC						
1,2,4-Trimethylbenzene	**480**	*96*	<0.45	**1070**	<0.45	<0.45
1,3,5-Trimethylbenzene			<0.36	*310*	<0.36	<0.36
Benzene	***5***	*0.5*	<0.30	<3.0	<0.30	<0.30
Bromomethane	***10***	*1*	*1.3J*	<11.9	1.5J	1.4J
Chloromethane	***30***	*3*	*22.7*	*16.4J*	*28.3*	*24*
Ethylbenzene	**700**	*140*	<0.33	23.1	<0.33	<0.33
Isopropylbenzene (Cumene)	**---**	---	<1.0	41.2J	<1.0	<1.0
MTBE	**60**	*12*	<1.1	<11.3	<1.1	<1.1
Napthalene	**100**	*10*	<1.9	*67.5*	<1.9	<1.9
Toluene	**800**	*160*	<0.29	<2.9	<0.29	<0.29
Total Xylenes	**2,000.00**	*400*	<1.05	251.7	<1.05	<1.05
n-Propylbenzene	**---**	---	<0.35	161	<0.35	<0.35
sec-Butlylbenzene	**---**	---	<0.42	12.8	<0.42	<0.42

Note – Results summarized for groundwater samples exhibiting results greater than MDLs, not all parameters are listed

xx – Italics and Underlined - Results greater than\equal to the listed Preventative Action Limit

xx – Bold Numbers & Italics/Underlined - Results greater than\equal to the listed Industrial DC-RCL

J = Estimated concentration at or above the LOD and below the LOQ

--- = no established standard

State of Wisconsin
Department of Natural Resources

— GEOPROBE —

SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98

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

Page 1 of 1

Facility/Project Name: PROPOSED MT314A - MIKE'S AUTOS	License/Permit/Monitoring Number: —	Boring Number: GP1	
Boring Drilled By: Name of crew chief (first, last) and Firm — First Name: JIM Last Name: — Firm: GILES ENGINEERING	Date Drilling Started: 8/17/2023	Date Drilling Completed: 8/17/2023	Drilling Method: Direct Push
WI Unique Well No. — DNR Well ID No. — Well Name —	Final Static Water Level: 14 Feet MSL	Surface Elevation: — Feet MSL	Borehole Diameter: 2 inches
Local Grid Origin ☐ (estimated: ☐) or Boring Location ☐ — State Plane 576528 N, 3405610 E — SE 1/4 of NW 1/4 of Section 3, T 12 N, R 10E	Lat ° ' " — Long ° ' "	Local Grid Location: ☐ N ☐ E — Feet ☐ S Feet ☐ W	
Facility ID	County: Columbia	County Code: —	Civil Town/City/ or Village: VILLAGE OF PARDEEVILLE

Sample: Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (Below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
				GRAVEL										
	4'			SAND, fine grained, trace SILT. (ALLUVIUM)	SP			0		MT				(4')
			5					0						
	5'							0						(9')
			10					0						
	5'							0		▼ WT				
			15					1						
	5'													
			20					0						

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

Signature: [signature] Firm: Pioneer Env. Group of WI LLC

This form is authorized by Chapters 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats. Completion of this form is mandatory. Failure to file this form may result in forfeiture of between $10 and $25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. NOTE: See instructions for more information, including where the completed form should be sent.

State of Wisconsin
Department of Natural Resources

– GEOPROBE –

SOIL BORING LOG INFORMATION
Form 4400-122 Rev. 7-98

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

Page 1 of 1

Facility/Project Name: PROPOSED MT314A - MIKE'S AUTOS	License/Permit/Monitoring Number: —		Boring Number: GP2
Boring Drilled By: Name of crew chief (first, last) and Firm. First Name: JIM Last Name: Firm: GILES ENGINEERING	Date Drilling Started: 8/17/2023 (mm dd yyyy)	Date Drilling Completed: 8/17/2023 (mm dd yyyy)	Drilling Method: Direct Push
WI Unique Well No. — ; DNR Well ID No. — ; Well Name —	Final Static Water Level: 14 Feet MSL	Surface Elevation: ____ Feet MSL	Borehole Diameter: 2 inches
Local Grid Origin ☐ (estimated: ☐) or Boring Location ☐ State Plane 576528 N, 340566 E; SE 1/4 of NW 1/4 of Section 3, T 12 N, R 10E	Lat ° ' " / Long ° ' " (crossed out)	Local Grid Location: ____ Feet ☐ N ☐ S ____ Feet ☐ E ☐ W	
Facility ID:	County: Columbia; County Code: —	Civil Town/City/ or Village: VILLAGE OF PARDEEVILLE	

Number and Type	Length Att. & Recovered (in)	~~Blow Counts~~	Depth in Feet (Below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
				CONCRETE				1						
				SAND - DK, BROWN	SP			0		MT				
			5	SAND, fine grained, trace SILT (ALLUVIUM)				0						
								0						(8')
								32						
			10					0						
								0		▼				(13')
								23		WT				
			15	GREY-BLK SAND				183						
			20	END OF BORING										

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

Signature: [signature] Firm: Pioneer Env. Group of WI INC

This form is authorized by Chapters 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats. Completion of this form is mandatory. Failure to file this form may result in forfeiture of between $10 and $25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. NOTE: See instructions for more information, including where the completed form should be sent.

State of Wisconsin
Department of Natural Resources

— GEOPROBE —

SOIL BORING LOG INFORMATION
Form 4400-122 Rev. 7-98

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

Page 1 of 1

Facility/Project Name: PROPOSED MT314A - MIKE'S LUSTDs	License/Permit/Monitoring Number: —	Boring Number: SP3
Boring Drilled By: Name of crew chief (first, last) and Firm — First Name: JIM Last Name: — Firm: SILES ENGINEERING	Date Drilling Started: 8/17/2023 (mm/dd/yyyy)	Date Drilling Completed: 8/17/2023 (mm/dd/yyyy) — Drilling Method: Direct Push
WI Unique Well No. — DNR Well ID No. — Well Name	Final Static Water Level: 14 Feet MSL	Surface Elevation: Feet MSL — Borehole Diameter: 2 inches
Local Grid Origin ☐ (estimated: ☐) or Boring Location ☐ — State Plane 576528 N; 3405610 E — SE 1/4 of NW 1/4 of Section 3, T 12 N, R 10E	Lat ° ' " — Long ° ' "	Local Grid Location: ☐ N ☐ E — Feet ☐ S Feet ☐ W
Facility ID	County: Columbia	County Code: — Civil Town/City/ or Village: VILLAGE OF PARDEEVILLE

Sample: Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (Below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
				CONCRETE										
				SAND, very-fine to fine grained TRACE SILT (ALLUVIUM)	SP			0		MT				(1') (4')
			5					0						
								0						
			10					0						(13')
								0		▽ WT				
			15					0						
								0						
			20					0						
				END OF BORING										

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

Signature: [signature] Firm: Pioneer Env. Group of WI INC

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State of Wisconsin
Department of Natural Resources

— GEOPROBE —

SOIL BORING LOG INFORMATION
Form 4400-122 Rev. 7-98

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

Page 1 of 1

Facility/Project Name: PROPOSED WT314A - MIKE'S IAUSTDs	License/Permit/Monitoring Number:	Boring Number:	
Boring Drilled By: Name of crew chief (first, last) and Firm — First Name: JIM Last Name: Firm: GILES ENGINEERING	Date Drilling Started: 8/17/2023	Date Drilling Completed: 8/17/2023	Drilling Method: Direct Push
WI Unique Well No.:	DNR Well ID No.:	Well Name:	Final Static Water Level: 14 Feet MSL
Surface Elevation: Feet MSL	Borehole Diameter: 2 inches		
Local Grid Origin ☐ (estimated: ☐) or Boring Location ☐ — State Plane 576528 N; 3405610 E — SE 1/4 of NW 1/4 of Section 3, T 12 N, R 10E	Lat ° ' " Long ° ' "	Local Grid Location: ☐ N ☐ E _____ Feet ☐ S _____ Feet ☐ W	
Facility ID:	County: Columbia	County Code:	Civil Town/City/ or Village: VILLAGE OF PARDEEVILLE

Sample: Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (Below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
				CONCRETE										
				SAND, very-fine to fine grained	SP			0		MT				
			5	TYNDALE SILT				0						
								0						
			10					0						
								0						
			15					0						
								0						
			20					0						
				END OF BORING										

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

Signature: _____ Firm: Pioneer Env. Group of WI LLC

This form is authorized by Chapters 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats. Completion of this form is mandatory. Failure to file this form may result in forfeiture of between $10 and $25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. NOTE: See instructions for more information, including where the completed form should be sent.

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

August 29, 2023

Joe Drapeau
PIONEER ENVIRONMENTAL, INC.
203 1/2 East Main Street
PO Box 102
Mount Horeb, WI 53572

RE: Project: KT3014R-PHASE 2
Pace Project No.: 40267052

Dear Joe Drapeau:

Enclosed are the analytical results for sample(s) received by the laboratory on August 22, 2023. 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,

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

Enclosures

cc: Jason Powell, Kwik Trip

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

CERTIFICATIONS

Project: KT3014R-PHASE 2
Pace Project No.: 40267052

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
South Carolina Certification #: 83006001
Texas Certification #: T104704529-21-8
Virginia VELAP Certification ID: 11873
Wisconsin Certification #: 405132750
Wisconsin DATCP Certification #: 105-444
USDA Soil Permit #: P330-21-00008
Federal Fish & Wildlife Permit #: 51774A

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

SAMPLE SUMMARY

Project: KT3014R-PHASE 2
Pace Project No.: 40267052

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40267052001	**GP1**	Water	08/17/23 09:10	08/22/23 09:45
40267052002	**GP2**	Water	08/17/23 09:45	08/22/23 09:45
40267052003	**GP3**	Water	08/17/23 10:15	08/22/23 09:45
40267052004	**GP4**	Water	08/17/23 10:45	08/22/23 09:45
40267052005	**TRIP BLANK**	Water	08/17/23 00:00	08/22/23 09:45

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

SAMPLE ANALYTE COUNT

Project: KT3014R-PHASE 2
Pace Project No.: 40267052

Lab ID	Sample ID	Method	Analysts	Analytes Reported
40267052001	**GP1**	EPA 8260	EIB	64
40267052002	**GP2**	EPA 8260	EIB	64
40267052003	**GP3**	EPA 8260	EIB	64
40267052004	**GP4**	EPA 8260	EIB	64
40267052005	**TRIP BLANK**	EPA 8260	EIB	64

PASI-G = Pace Analytical Services - Green Bay

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: KT3014R-PHASE 2
Pace Project No.: 40267052

Sample: GP1 **Lab ID: 40267052001** Collected: 08/17/23 09:10 Received: 08/22/23 09:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,1,1,2-Tetrachloroethane	**<0.36**	ug/L	1.0	0.36	1		08/23/23 15:14	630-20-6	
1,1,1-Trichloroethane	**<0.30**	ug/L	1.0	0.30	1		08/23/23 15:14	71-55-6	
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		08/23/23 15:14	79-34-5	
1,1,2-Trichloroethane	**<0.34**	ug/L	1.0	0.34	1		08/23/23 15:14	79-00-5	
1,1-Dichloroethane	**<0.30**	ug/L	1.0	0.30	1		08/23/23 15:14	75-34-3	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		08/23/23 15:14	75-35-4	
1,1-Dichloropropene	**<0.41**	ug/L	1.0	0.41	1		08/23/23 15:14	563-58-6	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	5.0	1.0	1		08/23/23 15:14	87-61-6	
1,2,3-Trichloropropane	**<0.56**	ug/L	1.0	0.56	1		08/23/23 15:14	96-18-4	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		08/23/23 15:14	120-82-1	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		08/23/23 15:14	95-63-6	
1,2-Dibromo-3-chloropropane	**<2.4**	ug/L	5.0	2.4	1		08/23/23 15:14	96-12-8	
1,2-Dibromoethane (EDB)	**<0.31**	ug/L	1.0	0.31	1		08/23/23 15:14	106-93-4	
1,2-Dichlorobenzene	**<0.33**	ug/L	1.0	0.33	1		08/23/23 15:14	95-50-1	
1,2-Dichloroethane	**<0.29**	ug/L	1.0	0.29	1		08/23/23 15:14	107-06-2	
1,2-Dichloropropane	**<0.45**	ug/L	1.0	0.45	1		08/23/23 15:14	78-87-5	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		08/23/23 15:14	108-67-8	
1,3-Dichlorobenzene	**<0.35**	ug/L	1.0	0.35	1		08/23/23 15:14	541-73-1	
1,3-Dichloropropane	**<0.30**	ug/L	1.0	0.30	1		08/23/23 15:14	142-28-9	
1,4-Dichlorobenzene	**<0.89**	ug/L	1.0	0.89	1		08/23/23 15:14	106-46-7	
2,2-Dichloropropane	**<0.42**	ug/L	1.0	0.42	1		08/23/23 15:14	594-20-7	
2-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		08/23/23 15:14	95-49-8	
4-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		08/23/23 15:14	106-43-4	
Benzene	**<0.30**	ug/L	1.0	0.30	1		08/23/23 15:14	71-43-2	
Bromobenzene	**<0.36**	ug/L	1.0	0.36	1		08/23/23 15:14	108-86-1	
Bromochloromethane	**<0.36**	ug/L	1.0	0.36	1		08/23/23 15:14	74-97-5	
Bromodichloromethane	**<0.42**	ug/L	1.0	0.42	1		08/23/23 15:14	75-27-4	
Bromoform	**<0.43**	ug/L	1.0	0.43	1		08/23/23 15:14	75-25-2	
Bromomethane	**1.3J**	ug/L	5.0	1.2	1		08/23/23 15:14	74-83-9	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		08/23/23 15:14	56-23-5	
Chlorobenzene	**<0.86**	ug/L	1.0	0.86	1		08/23/23 15:14	108-90-7	
Chloroethane	**<1.4**	ug/L	5.0	1.4	1		08/23/23 15:14	75-00-3	
Chloroform	**<0.50**	ug/L	5.0	0.50	1		08/23/23 15:14	67-66-3	
Chloromethane	**22.7**	ug/L	5.0	1.6	1		08/23/23 15:14	74-87-3	
Dibromochloromethane	**<2.6**	ug/L	5.0	2.6	1		08/23/23 15:14	124-48-1	
Dibromomethane	**<0.99**	ug/L	5.0	0.99	1		08/23/23 15:14	74-95-3	
Dichlorodifluoromethane	**<0.46**	ug/L	5.0	0.46	1		08/23/23 15:14	75-71-8	
Diisopropyl ether	**<1.1**	ug/L	5.0	1.1	1		08/23/23 15:14	108-20-3	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		08/23/23 15:14	100-41-4	
Hexachloro-1,3-butadiene	**<2.7**	ug/L	5.0	2.7	1		08/23/23 15:14	87-68-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	5.0	1.0	1		08/23/23 15:14	98-82-8	
Methyl-tert-butyl ether	**<1.1**	ug/L	5.0	1.1	1		08/23/23 15:14	1634-04-4	
Methylene Chloride	**<0.32**	ug/L	5.0	0.32	1		08/23/23 15:14	75-09-2	
Naphthalene	**<1.9**	ug/L	5.0	1.9	1		08/23/23 15:14	91-20-3	
Styrene	**<0.36**	ug/L	1.0	0.36	1		08/23/23 15:14	100-42-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: KT3014R-PHASE 2
Pace Project No.: 40267052

Sample: GP1 **Lab ID: 40267052001** Collected: 08/17/23 09:10 Received: 08/22/23 09:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		08/23/23 15:14	127-18-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		08/23/23 15:14	108-88-3	
Trichloroethene	**<0.32**	ug/L	1.0	0.32	1		08/23/23 15:14	79-01-6	
Trichlorofluoromethane	**<0.42**	ug/L	1.0	0.42	1		08/23/23 15:14	75-69-4	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		08/23/23 15:14	75-01-4	
cis-1,2-Dichloroethene	**<0.47**	ug/L	1.0	0.47	1		08/23/23 15:14	156-59-2	
cis-1,3-Dichloropropene	**<0.24**	ug/L	1.0	0.24	1		08/23/23 15:14	10061-01-5	
m&p-Xylene	**<0.70**	ug/L	2.0	0.70	1		08/23/23 15:14	179601-23-1	
n-Butylbenzene	**<0.86**	ug/L	1.0	0.86	1		08/23/23 15:14	104-51-8	
n-Propylbenzene	**<0.35**	ug/L	1.0	0.35	1		08/23/23 15:14	103-65-1	
o-Xylene	**<0.35**	ug/L	1.0	0.35	1		08/23/23 15:14	95-47-6	
p-Isopropyltoluene	**<1.0**	ug/L	5.0	1.0	1		08/23/23 15:14	99-87-6	
sec-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		08/23/23 15:14	135-98-8	
tert-Butylbenzene	**<0.59**	ug/L	1.0	0.59	1		08/23/23 15:14	98-06-6	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		08/23/23 15:14	156-60-5	
trans-1,3-Dichloropropene	**<0.27**	ug/L	1.0	0.27	1		08/23/23 15:14	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	100	%	70-130		1		08/23/23 15:14	460-00-4	
1,2-Dichlorobenzene-d4 (S)	99	%	70-130		1		08/23/23 15:14	2199-69-1	
Toluene-d8 (S)	104	%	70-130		1		08/23/23 15:14	2037-26-5	

Sample: GP2 **Lab ID: 40267052002** Collected: 08/17/23 09:45 Received: 08/22/23 09:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
1,1,1,2-Tetrachloroethane	**<3.6**	ug/L	10.0	3.6	10		08/25/23 18:50	630-20-6	
1,1,1-Trichloroethane	**<3.0**	ug/L	10.0	3.0	10		08/25/23 18:50	71-55-6	
1,1,2,2-Tetrachloroethane	**<3.8**	ug/L	10.0	3.8	10		08/25/23 18:50	79-34-5	
1,1,2-Trichloroethane	**<3.4**	ug/L	10.0	3.4	10		08/25/23 18:50	79-00-5	
1,1-Dichloroethane	**<3.0**	ug/L	10.0	3.0	10		08/25/23 18:50	75-34-3	
1,1-Dichloroethene	**<5.8**	ug/L	10.0	5.8	10		08/25/23 18:50	75-35-4	
1,1-Dichloropropene	**<4.1**	ug/L	10.0	4.1	10		08/25/23 18:50	563-58-6	
1,2,3-Trichlorobenzene	**<10.2**	ug/L	50.0	10.2	10		08/25/23 18:50	87-61-6	
1,2,3-Trichloropropane	**<5.6**	ug/L	10.0	5.6	10		08/25/23 18:50	96-18-4	
1,2,4-Trichlorobenzene	**<9.5**	ug/L	50.0	9.5	10		08/25/23 18:50	120-82-1	
1,2,4-Trimethylbenzene	**1070**	ug/L	10.0	4.5	10		08/25/23 18:50	95-63-6	
1,2-Dibromo-3-chloropropane	**<23.7**	ug/L	50.0	23.7	10		08/25/23 18:50	96-12-8	
1,2-Dibromoethane (EDB)	**<3.1**	ug/L	10.0	3.1	10		08/25/23 18:50	106-93-4	
1,2-Dichlorobenzene	**<3.3**	ug/L	10.0	3.3	10		08/25/23 18:50	95-50-1	
1,2-Dichloroethane	**<2.9**	ug/L	10.0	2.9	10		08/25/23 18:50	107-06-2	
1,2-Dichloropropane	**<4.5**	ug/L	10.0	4.5	10		08/25/23 18:50	78-87-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: KT3014R-PHASE 2
Pace Project No.: 40267052

Sample: GP2 **Lab ID: 40267052002** Collected: 08/17/23 09:45 Received: 08/22/23 09:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,3,5-Trimethylbenzene	**310**	ug/L	10.0	3.6	10		08/25/23 18:50	108-67-8	
1,3-Dichlorobenzene	**<3.5**	ug/L	10.0	3.5	10		08/25/23 18:50	541-73-1	
1,3-Dichloropropane	**<3.0**	ug/L	10.0	3.0	10		08/25/23 18:50	142-28-9	
1,4-Dichlorobenzene	**<8.9**	ug/L	10.0	8.9	10		08/25/23 18:50	106-46-7	
2,2-Dichloropropane	**<4.2**	ug/L	10.0	4.2	10		08/25/23 18:50	594-20-7	
2-Chlorotoluene	**<8.9**	ug/L	50.0	8.9	10		08/25/23 18:50	95-49-8	
4-Chlorotoluene	**<8.9**	ug/L	50.0	8.9	10		08/25/23 18:50	106-43-4	
Benzene	**<3.0**	ug/L	10.0	3.0	10		08/25/23 18:50	71-43-2	
Bromobenzene	**<3.6**	ug/L	10.0	3.6	10		08/25/23 18:50	108-86-1	
Bromochloromethane	**<3.6**	ug/L	10.0	3.6	10		08/25/23 18:50	74-97-5	
Bromodichloromethane	**<4.2**	ug/L	10.0	4.2	10		08/25/23 18:50	75-27-4	
Bromoform	**<4.3**	ug/L	10.0	4.3	10		08/25/23 18:50	75-25-2	
Bromomethane	**<11.9**	ug/L	50.0	11.9	10		08/25/23 18:50	74-83-9	
Carbon tetrachloride	**<3.7**	ug/L	10.0	3.7	10		08/25/23 18:50	56-23-5	
Chlorobenzene	**<8.6**	ug/L	10.0	8.6	10		08/25/23 18:50	108-90-7	
Chloroethane	**<13.8**	ug/L	50.0	13.8	10		08/25/23 18:50	75-00-3	
Chloroform	**<5.0**	ug/L	50.0	5.0	10		08/25/23 18:50	67-66-3	
Chloromethane	**16.4J**	ug/L	50.0	16.4	10		08/25/23 18:50	74-87-3	
Dibromochloromethane	**<26.4**	ug/L	50.0	26.4	10		08/25/23 18:50	124-48-1	
Dibromomethane	**<9.9**	ug/L	50.0	9.9	10		08/25/23 18:50	74-95-3	
Dichlorodifluoromethane	**<4.6**	ug/L	50.0	4.6	10		08/25/23 18:50	75-71-8	
Diisopropyl ether	**<11.0**	ug/L	50.0	11.0	10		08/25/23 18:50	108-20-3	
Ethylbenzene	**23.1**	ug/L	10.0	3.3	10		08/25/23 18:50	100-41-4	
Hexachloro-1,3-butadiene	**<27.4**	ug/L	50.0	27.4	10		08/25/23 18:50	87-68-3	
Isopropylbenzene (Cumene)	**41.2J**	ug/L	50.0	10.0	10		08/25/23 18:50	98-82-8	
Methyl-tert-butyl ether	**<11.3**	ug/L	50.0	11.3	10		08/25/23 18:50	1634-04-4	
Methylene Chloride	**<3.2**	ug/L	50.0	3.2	10		08/25/23 18:50	75-09-2	
Naphthalene	**67.5**	ug/L	50.0	19.2	10		08/25/23 18:50	91-20-3	
Styrene	**<3.6**	ug/L	10.0	3.6	10		08/25/23 18:50	100-42-5	
Tetrachloroethene	**<4.1**	ug/L	10.0	4.1	10		08/25/23 18:50	127-18-4	
Toluene	**<2.9**	ug/L	10.0	2.9	10		08/25/23 18:50	108-88-3	
Trichloroethene	**<3.2**	ug/L	10.0	3.2	10		08/25/23 18:50	79-01-6	
Trichlorofluoromethane	**<4.2**	ug/L	10.0	4.2	10		08/25/23 18:50	75-69-4	
Vinyl chloride	**<1.7**	ug/L	10.0	1.7	10		08/25/23 18:50	75-01-4	
cis-1,2-Dichloroethene	**<4.7**	ug/L	10.0	4.7	10		08/25/23 18:50	156-59-2	
cis-1,3-Dichloropropene	**<2.4**	ug/L	10.0	2.4	10		08/25/23 18:50	10061-01-5	
m&p-Xylene	**225**	ug/L	20.0	7.0	10		08/25/23 18:50	179601-23-1	
n-Butylbenzene	**<8.6**	ug/L	10.0	8.6	10		08/25/23 18:50	104-51-8	
n-Propylbenzene	**161**	ug/L	10.0	3.5	10		08/25/23 18:50	103-65-1	
o-Xylene	**26.7**	ug/L	10.0	3.5	10		08/25/23 18:50	95-47-6	
p-Isopropyltoluene	**<10.4**	ug/L	50.0	10.4	10		08/25/23 18:50	99-87-6	
sec-Butylbenzene	**12.8**	ug/L	10.0	4.2	10		08/25/23 18:50	135-98-8	
tert-Butylbenzene	**<5.9**	ug/L	10.0	5.9	10		08/25/23 18:50	98-06-6	
trans-1,2-Dichloroethene	**<5.3**	ug/L	10.0	5.3	10		08/25/23 18:50	156-60-5	
trans-1,3-Dichloropropene	**<2.7**	ug/L	10.0	2.7	10		08/25/23 18:50	10061-02-6	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: KT3014R-PHASE 2
Pace Project No.: 40267052

Sample: GP2 **Lab ID: 40267052002** Collected: 08/17/23 09:45 Received: 08/22/23 09:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Surrogates									
4-Bromofluorobenzene (S)	101	%	70-130		10		08/25/23 18:50	460-00-4	
1,2-Dichlorobenzene-d4 (S)	102	%	70-130		10		08/25/23 18:50	2199-69-1	
Toluene-d8 (S)	103	%	70-130		10		08/25/23 18:50	2037-26-5	

Sample: GP3 **Lab ID: 40267052003** Collected: 08/17/23 10:15 Received: 08/22/23 09:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,1,1,2-Tetrachloroethane	**<0.36**	ug/L	1.0	0.36	1		08/23/23 15:33	630-20-6	
1,1,1-Trichloroethane	**<0.30**	ug/L	1.0	0.30	1		08/23/23 15:33	71-55-6	
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		08/23/23 15:33	79-34-5	
1,1,2-Trichloroethane	**<0.34**	ug/L	1.0	0.34	1		08/23/23 15:33	79-00-5	
1,1-Dichloroethane	**<0.30**	ug/L	1.0	0.30	1		08/23/23 15:33	75-34-3	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		08/23/23 15:33	75-35-4	
1,1-Dichloropropene	**<0.41**	ug/L	1.0	0.41	1		08/23/23 15:33	563-58-6	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	5.0	1.0	1		08/23/23 15:33	87-61-6	
1,2,3-Trichloropropane	**<0.56**	ug/L	1.0	0.56	1		08/23/23 15:33	96-18-4	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		08/23/23 15:33	120-82-1	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		08/23/23 15:33	95-63-6	
1,2-Dibromo-3-chloropropane	**<2.4**	ug/L	5.0	2.4	1		08/23/23 15:33	96-12-8	
1,2-Dibromoethane (EDB)	**<0.31**	ug/L	1.0	0.31	1		08/23/23 15:33	106-93-4	
1,2-Dichlorobenzene	**<0.33**	ug/L	1.0	0.33	1		08/23/23 15:33	95-50-1	
1,2-Dichloroethane	**<0.29**	ug/L	1.0	0.29	1		08/23/23 15:33	107-06-2	
1,2-Dichloropropane	**<0.45**	ug/L	1.0	0.45	1		08/23/23 15:33	78-87-5	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		08/23/23 15:33	108-67-8	
1,3-Dichlorobenzene	**<0.35**	ug/L	1.0	0.35	1		08/23/23 15:33	541-73-1	
1,3-Dichloropropane	**<0.30**	ug/L	1.0	0.30	1		08/23/23 15:33	142-28-9	
1,4-Dichlorobenzene	**<0.89**	ug/L	1.0	0.89	1		08/23/23 15:33	106-46-7	
2,2-Dichloropropane	**<0.42**	ug/L	1.0	0.42	1		08/23/23 15:33	594-20-7	
2-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		08/23/23 15:33	95-49-8	
4-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		08/23/23 15:33	106-43-4	
Benzene	**<0.30**	ug/L	1.0	0.30	1		08/23/23 15:33	71-43-2	
Bromobenzene	**<0.36**	ug/L	1.0	0.36	1		08/23/23 15:33	108-86-1	
Bromochloromethane	**<0.36**	ug/L	1.0	0.36	1		08/23/23 15:33	74-97-5	
Bromodichloromethane	**<0.42**	ug/L	1.0	0.42	1		08/23/23 15:33	75-27-4	
Bromoform	**<0.43**	ug/L	1.0	0.43	1		08/23/23 15:33	75-25-2	
Bromomethane	**1.5J**	ug/L	5.0	1.2	1		08/23/23 15:33	74-83-9	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		08/23/23 15:33	56-23-5	
Chlorobenzene	**<0.86**	ug/L	1.0	0.86	1		08/23/23 15:33	108-90-7	
Chloroethane	**<1.4**	ug/L	5.0	1.4	1		08/23/23 15:33	75-00-3	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: KT3014R-PHASE 2
Pace Project No.: 40267052

Sample: GP3 **Lab ID: 40267052003** Collected: 08/17/23 10:15 Received: 08/22/23 09:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
Chloroform	**<0.50**	ug/L	5.0	0.50	1		08/23/23 15:33	67-66-3	
Chloromethane	**28.3**	ug/L	5.0	1.6	1		08/23/23 15:33	74-87-3	
Dibromochloromethane	**<2.6**	ug/L	5.0	2.6	1		08/23/23 15:33	124-48-1	
Dibromomethane	**<0.99**	ug/L	5.0	0.99	1		08/23/23 15:33	74-95-3	
Dichlorodifluoromethane	**<0.46**	ug/L	5.0	0.46	1		08/23/23 15:33	75-71-8	
Diisopropyl ether	**<1.1**	ug/L	5.0	1.1	1		08/23/23 15:33	108-20-3	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		08/23/23 15:33	100-41-4	
Hexachloro-1,3-butadiene	**<2.7**	ug/L	5.0	2.7	1		08/23/23 15:33	87-68-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	5.0	1.0	1		08/23/23 15:33	98-82-8	
Methyl-tert-butyl ether	**<1.1**	ug/L	5.0	1.1	1		08/23/23 15:33	1634-04-4	
Methylene Chloride	**<0.32**	ug/L	5.0	0.32	1		08/23/23 15:33	75-09-2	
Naphthalene	**<1.9**	ug/L	5.0	1.9	1		08/23/23 15:33	91-20-3	
Styrene	**<0.36**	ug/L	1.0	0.36	1		08/23/23 15:33	100-42-5	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		08/23/23 15:33	127-18-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		08/23/23 15:33	108-88-3	
Trichloroethene	**<0.32**	ug/L	1.0	0.32	1		08/23/23 15:33	79-01-6	
Trichlorofluoromethane	**<0.42**	ug/L	1.0	0.42	1		08/23/23 15:33	75-69-4	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		08/23/23 15:33	75-01-4	
cis-1,2-Dichloroethene	**<0.47**	ug/L	1.0	0.47	1		08/23/23 15:33	156-59-2	
cis-1,3-Dichloropropene	**<0.24**	ug/L	1.0	0.24	1		08/23/23 15:33	10061-01-5	
m&p-Xylene	**<0.70**	ug/L	2.0	0.70	1		08/23/23 15:33	179601-23-1	
n-Butylbenzene	**<0.86**	ug/L	1.0	0.86	1		08/23/23 15:33	104-51-8	
n-Propylbenzene	**<0.35**	ug/L	1.0	0.35	1		08/23/23 15:33	103-65-1	
o-Xylene	**<0.35**	ug/L	1.0	0.35	1		08/23/23 15:33	95-47-6	
p-Isopropyltoluene	**<1.0**	ug/L	5.0	1.0	1		08/23/23 15:33	99-87-6	
sec-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		08/23/23 15:33	135-98-8	
tert-Butylbenzene	**<0.59**	ug/L	1.0	0.59	1		08/23/23 15:33	98-06-6	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		08/23/23 15:33	156-60-5	
trans-1,3-Dichloropropene	**<0.27**	ug/L	1.0	0.27	1		08/23/23 15:33	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	99	%	70-130		1		08/23/23 15:33	460-00-4	
1,2-Dichlorobenzene-d4 (S)	101	%	70-130		1		08/23/23 15:33	2199-69-1	
Toluene-d8 (S)	102	%	70-130		1		08/23/23 15:33	2037-26-5	

Sample: GP4 **Lab ID: 40267052004** Collected: 08/17/23 10:45 Received: 08/22/23 09:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
1,1,1,2-Tetrachloroethane	**<0.36**	ug/L	1.0	0.36	1		08/23/23 15:53	630-20-6	
1,1,1-Trichloroethane	**<0.30**	ug/L	1.0	0.30	1		08/23/23 15:53	71-55-6	
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		08/23/23 15:53	79-34-5	

REPORT OF LABORATORY ANALYSIS

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

Project: KT3014R-PHASE 2
Pace Project No.: 40267052

Sample: GP4 **Lab ID: 40267052004** Collected: 08/17/23 10:45 Received: 08/22/23 09:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,1,2-Trichloroethane	**<0.34**	ug/L	1.0	0.34	1		08/23/23 15:53	79-00-5	
1,1-Dichloroethane	**<0.30**	ug/L	1.0	0.30	1		08/23/23 15:53	75-34-3	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		08/23/23 15:53	75-35-4	
1,1-Dichloropropene	**<0.41**	ug/L	1.0	0.41	1		08/23/23 15:53	563-58-6	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	5.0	1.0	1		08/23/23 15:53	87-61-6	
1,2,3-Trichloropropane	**<0.56**	ug/L	1.0	0.56	1		08/23/23 15:53	96-18-4	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		08/23/23 15:53	120-82-1	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		08/23/23 15:53	95-63-6	
1,2-Dibromo-3-chloropropane	**<2.4**	ug/L	5.0	2.4	1		08/23/23 15:53	96-12-8	
1,2-Dibromoethane (EDB)	**<0.31**	ug/L	1.0	0.31	1		08/23/23 15:53	106-93-4	
1,2-Dichlorobenzene	**<0.33**	ug/L	1.0	0.33	1		08/23/23 15:53	95-50-1	
1,2-Dichloroethane	**<0.29**	ug/L	1.0	0.29	1		08/23/23 15:53	107-06-2	
1,2-Dichloropropane	**<0.45**	ug/L	1.0	0.45	1		08/23/23 15:53	78-87-5	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		08/23/23 15:53	108-67-8	
1,3-Dichlorobenzene	**<0.35**	ug/L	1.0	0.35	1		08/23/23 15:53	541-73-1	
1,3-Dichloropropane	**<0.30**	ug/L	1.0	0.30	1		08/23/23 15:53	142-28-9	
1,4-Dichlorobenzene	**<0.89**	ug/L	1.0	0.89	1		08/23/23 15:53	106-46-7	
2,2-Dichloropropane	**<0.42**	ug/L	1.0	0.42	1		08/23/23 15:53	594-20-7	
2-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		08/23/23 15:53	95-49-8	
4-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		08/23/23 15:53	106-43-4	
Benzene	**<0.30**	ug/L	1.0	0.30	1		08/23/23 15:53	71-43-2	
Bromobenzene	**<0.36**	ug/L	1.0	0.36	1		08/23/23 15:53	108-86-1	
Bromochloromethane	**<0.36**	ug/L	1.0	0.36	1		08/23/23 15:53	74-97-5	
Bromodichloromethane	**<0.42**	ug/L	1.0	0.42	1		08/23/23 15:53	75-27-4	
Bromoform	**<0.43**	ug/L	1.0	0.43	1		08/23/23 15:53	75-25-2	
Bromomethane	**1.4J**	ug/L	5.0	1.2	1		08/23/23 15:53	74-83-9	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		08/23/23 15:53	56-23-5	
Chlorobenzene	**<0.86**	ug/L	1.0	0.86	1		08/23/23 15:53	108-90-7	
Chloroethane	**<1.4**	ug/L	5.0	1.4	1		08/23/23 15:53	75-00-3	
Chloroform	**<0.50**	ug/L	5.0	0.50	1		08/23/23 15:53	67-66-3	
Chloromethane	**24.0**	ug/L	5.0	1.6	1		08/23/23 15:53	74-87-3	
Dibromochloromethane	**<2.6**	ug/L	5.0	2.6	1		08/23/23 15:53	124-48-1	
Dibromomethane	**<0.99**	ug/L	5.0	0.99	1		08/23/23 15:53	74-95-3	
Dichlorodifluoromethane	**<0.46**	ug/L	5.0	0.46	1		08/23/23 15:53	75-71-8	
Diisopropyl ether	**<1.1**	ug/L	5.0	1.1	1		08/23/23 15:53	108-20-3	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		08/23/23 15:53	100-41-4	
Hexachloro-1,3-butadiene	**<2.7**	ug/L	5.0	2.7	1		08/23/23 15:53	87-68-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	5.0	1.0	1		08/23/23 15:53	98-82-8	
Methyl-tert-butyl ether	**<1.1**	ug/L	5.0	1.1	1		08/23/23 15:53	1634-04-4	
Methylene Chloride	**<0.32**	ug/L	5.0	0.32	1		08/23/23 15:53	75-09-2	
Naphthalene	**<1.9**	ug/L	5.0	1.9	1		08/23/23 15:53	91-20-3	
Styrene	**<0.36**	ug/L	1.0	0.36	1		08/23/23 15:53	100-42-5	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		08/23/23 15:53	127-18-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		08/23/23 15:53	108-88-3	
Trichloroethene	**<0.32**	ug/L	1.0	0.32	1		08/23/23 15:53	79-01-6	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
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ANALYTICAL RESULTS

Project: KT3014R-PHASE 2
Pace Project No.: 40267052

Sample: GP4 **Lab ID: 40267052004** Collected: 08/17/23 10:45 Received: 08/22/23 09:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Trichlorofluoromethane	**<0.42**	ug/L	1.0	0.42	1		08/23/23 15:53	75-69-4	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		08/23/23 15:53	75-01-4	
cis-1,2-Dichloroethene	**<0.47**	ug/L	1.0	0.47	1		08/23/23 15:53	156-59-2	
cis-1,3-Dichloropropene	**<0.24**	ug/L	1.0	0.24	1		08/23/23 15:53	10061-01-5	
m&p-Xylene	**<0.70**	ug/L	2.0	0.70	1		08/23/23 15:53	179601-23-1	
n-Butylbenzene	**<0.86**	ug/L	1.0	0.86	1		08/23/23 15:53	104-51-8	
n-Propylbenzene	**<0.35**	ug/L	1.0	0.35	1		08/23/23 15:53	103-65-1	
o-Xylene	**<0.35**	ug/L	1.0	0.35	1		08/23/23 15:53	95-47-6	
p-Isopropyltoluene	**<1.0**	ug/L	5.0	1.0	1		08/23/23 15:53	99-87-6	
sec-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		08/23/23 15:53	135-98-8	
tert-Butylbenzene	**<0.59**	ug/L	1.0	0.59	1		08/23/23 15:53	98-06-6	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		08/23/23 15:53	156-60-5	
trans-1,3-Dichloropropene	**<0.27**	ug/L	1.0	0.27	1		08/23/23 15:53	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	97	%	70-130		1		08/23/23 15:53	460-00-4	
1,2-Dichlorobenzene-d4 (S)	101	%	70-130		1		08/23/23 15:53	2199-69-1	
Toluene-d8 (S)	105	%	70-130		1		08/23/23 15:53	2037-26-5	

Sample: TRIP BLANK **Lab ID: 40267052005** Collected: 08/17/23 00:00 Received: 08/22/23 09:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,1,1,2-Tetrachloroethane	**<0.36**	ug/L	1.0	0.36	1		08/23/23 11:38	630-20-6	
1,1,1-Trichloroethane	**<0.30**	ug/L	1.0	0.30	1		08/23/23 11:38	71-55-6	
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		08/23/23 11:38	79-34-5	
1,1,2-Trichloroethane	**<0.34**	ug/L	1.0	0.34	1		08/23/23 11:38	79-00-5	
1,1-Dichloroethane	**<0.30**	ug/L	1.0	0.30	1		08/23/23 11:38	75-34-3	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		08/23/23 11:38	75-35-4	
1,1-Dichloropropene	**<0.41**	ug/L	1.0	0.41	1		08/23/23 11:38	563-58-6	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	5.0	1.0	1		08/23/23 11:38	87-61-6	
1,2,3-Trichloropropane	**<0.56**	ug/L	1.0	0.56	1		08/23/23 11:38	96-18-4	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		08/23/23 11:38	120-82-1	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		08/23/23 11:38	95-63-6	
1,2-Dibromo-3-chloropropane	**<2.4**	ug/L	5.0	2.4	1		08/23/23 11:38	96-12-8	
1,2-Dibromoethane (EDB)	**<0.31**	ug/L	1.0	0.31	1		08/23/23 11:38	106-93-4	
1,2-Dichlorobenzene	**<0.33**	ug/L	1.0	0.33	1		08/23/23 11:38	95-50-1	
1,2-Dichloroethane	**<0.29**	ug/L	1.0	0.29	1		08/23/23 11:38	107-06-2	
1,2-Dichloropropane	**<0.45**	ug/L	1.0	0.45	1		08/23/23 11:38	78-87-5	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		08/23/23 11:38	108-67-8	
1,3-Dichlorobenzene	**<0.35**	ug/L	1.0	0.35	1		08/23/23 11:38	541-73-1	
1,3-Dichloropropane	**<0.30**	ug/L	1.0	0.30	1		08/23/23 11:38	142-28-9	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: KT3014R-PHASE 2
Pace Project No.: 40267052

Sample: TRIP BLANK **Lab ID: 40267052005** Collected: 08/17/23 00:00 Received: 08/22/23 09:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,4-Dichlorobenzene	**<0.89**	ug/L	1.0	0.89	1		08/23/23 11:38	106-46-7	
2,2-Dichloropropane	**<0.42**	ug/L	1.0	0.42	1		08/23/23 11:38	594-20-7	
2-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		08/23/23 11:38	95-49-8	
4-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		08/23/23 11:38	106-43-4	
Benzene	**<0.30**	ug/L	1.0	0.30	1		08/23/23 11:38	71-43-2	
Bromobenzene	**<0.36**	ug/L	1.0	0.36	1		08/23/23 11:38	108-86-1	
Bromochloromethane	**<0.36**	ug/L	1.0	0.36	1		08/23/23 11:38	74-97-5	
Bromodichloromethane	**<0.42**	ug/L	1.0	0.42	1		08/23/23 11:38	75-27-4	
Bromoform	**<0.43**	ug/L	1.0	0.43	1		08/23/23 11:38	75-25-2	
Bromomethane	**<1.2**	ug/L	5.0	1.2	1		08/23/23 11:38	74-83-9	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		08/23/23 11:38	56-23-5	
Chlorobenzene	**<0.86**	ug/L	1.0	0.86	1		08/23/23 11:38	108-90-7	
Chloroethane	**<1.4**	ug/L	5.0	1.4	1		08/23/23 11:38	75-00-3	
Chloroform	**<0.50**	ug/L	5.0	0.50	1		08/23/23 11:38	67-66-3	
Chloromethane	**<1.6**	ug/L	5.0	1.6	1		08/23/23 11:38	74-87-3	
Dibromochloromethane	**<2.6**	ug/L	5.0	2.6	1		08/23/23 11:38	124-48-1	
Dibromomethane	**<0.99**	ug/L	5.0	0.99	1		08/23/23 11:38	74-95-3	
Dichlorodifluoromethane	**<0.46**	ug/L	5.0	0.46	1		08/23/23 11:38	75-71-8	
Diisopropyl ether	**<1.1**	ug/L	5.0	1.1	1		08/23/23 11:38	108-20-3	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		08/23/23 11:38	100-41-4	
Hexachloro-1,3-butadiene	**<2.7**	ug/L	5.0	2.7	1		08/23/23 11:38	87-68-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	5.0	1.0	1		08/23/23 11:38	98-82-8	
Methyl-tert-butyl ether	**<1.1**	ug/L	5.0	1.1	1		08/23/23 11:38	1634-04-4	
Methylene Chloride	**<0.32**	ug/L	5.0	0.32	1		08/23/23 11:38	75-09-2	
Naphthalene	**<1.9**	ug/L	5.0	1.9	1		08/23/23 11:38	91-20-3	
Styrene	**<0.36**	ug/L	1.0	0.36	1		08/23/23 11:38	100-42-5	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		08/23/23 11:38	127-18-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		08/23/23 11:38	108-88-3	
Trichloroethene	**<0.32**	ug/L	1.0	0.32	1		08/23/23 11:38	79-01-6	
Trichlorofluoromethane	**<0.42**	ug/L	1.0	0.42	1		08/23/23 11:38	75-69-4	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		08/23/23 11:38	75-01-4	
cis-1,2-Dichloroethene	**<0.47**	ug/L	1.0	0.47	1		08/23/23 11:38	156-59-2	
cis-1,3-Dichloropropene	**<0.24**	ug/L	1.0	0.24	1		08/23/23 11:38	10061-01-5	
m&p-Xylene	**<0.70**	ug/L	2.0	0.70	1		08/23/23 11:38	179601-23-1	
n-Butylbenzene	**<0.86**	ug/L	1.0	0.86	1		08/23/23 11:38	104-51-8	
n-Propylbenzene	**<0.35**	ug/L	1.0	0.35	1		08/23/23 11:38	103-65-1	
o-Xylene	**<0.35**	ug/L	1.0	0.35	1		08/23/23 11:38	95-47-6	
p-Isopropyltoluene	**<1.0**	ug/L	5.0	1.0	1		08/23/23 11:38	99-87-6	
sec-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		08/23/23 11:38	135-98-8	
tert-Butylbenzene	**<0.59**	ug/L	1.0	0.59	1		08/23/23 11:38	98-06-6	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		08/23/23 11:38	156-60-5	
trans-1,3-Dichloropropene	**<0.27**	ug/L	1.0	0.27	1		08/23/23 11:38	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	99	%	70-130		1		08/23/23 11:38	460-00-4	HS
1,2-Dichlorobenzene-d4 (S)	98	%	70-130		1		08/23/23 11:38	2199-69-1	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: KT3014R-PHASE 2
Pace Project No.: 40267052

Sample: TRIP BLANK **Lab ID: 40267052005** Collected: 08/17/23 00:00 Received: 08/22/23 09:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Surrogates									
Toluene-d8 (S)	102	%	70-130		1		08/23/23 11:38	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: KT3014R-PHASE 2
Pace Project No.: 40267052

QC Batch: 452986
QC Batch Method: EPA 8260
Analysis Method: EPA 8260
Analysis Description: 8260 MSV
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40267052001, 40267052003, 40267052004, 40267052005

METHOD BLANK: 2602346 Matrix: Water
Associated Lab Samples: 40267052001, 40267052003, 40267052004, 40267052005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<0.36	1.0	08/23/23 09:40	
1,1,1-Trichloroethane	ug/L	<0.30	1.0	08/23/23 09:40	
1,1,2,2-Tetrachloroethane	ug/L	<0.38	1.0	08/23/23 09:40	
1,1,2-Trichloroethane	ug/L	<0.34	1.0	08/23/23 09:40	
1,1-Dichloroethane	ug/L	<0.30	1.0	08/23/23 09:40	
1,1-Dichloroethene	ug/L	<0.58	1.0	08/23/23 09:40	
1,1-Dichloropropene	ug/L	<0.41	1.0	08/23/23 09:40	
1,2,3-Trichlorobenzene	ug/L	<1.0	5.0	08/23/23 09:40	
1,2,3-Trichloropropane	ug/L	<0.56	1.0	08/23/23 09:40	
1,2,4-Trichlorobenzene	ug/L	<0.95	5.0	08/23/23 09:40	
1,2,4-Trimethylbenzene	ug/L	<0.45	1.0	08/23/23 09:40	
1,2-Dibromo-3-chloropropane	ug/L	<2.4	5.0	08/23/23 09:40	
1,2-Dibromoethane (EDB)	ug/L	<0.31	1.0	08/23/23 09:40	
1,2-Dichlorobenzene	ug/L	<0.33	1.0	08/23/23 09:40	
1,2-Dichloroethane	ug/L	<0.29	1.0	08/23/23 09:40	
1,2-Dichloropropane	ug/L	<0.45	1.0	08/23/23 09:40	
1,3,5-Trimethylbenzene	ug/L	<0.36	1.0	08/23/23 09:40	
1,3-Dichlorobenzene	ug/L	<0.35	1.0	08/23/23 09:40	
1,3-Dichloropropane	ug/L	<0.30	1.0	08/23/23 09:40	
1,4-Dichlorobenzene	ug/L	<0.89	1.0	08/23/23 09:40	
2,2-Dichloropropane	ug/L	<0.42	1.0	08/23/23 09:40	
2-Chlorotoluene	ug/L	<0.89	5.0	08/23/23 09:40	
4-Chlorotoluene	ug/L	<0.89	5.0	08/23/23 09:40	
Benzene	ug/L	<0.30	1.0	08/23/23 09:40	
Bromobenzene	ug/L	<0.36	1.0	08/23/23 09:40	
Bromochloromethane	ug/L	<0.36	1.0	08/23/23 09:40	
Bromodichloromethane	ug/L	<0.42	1.0	08/23/23 09:40	
Bromoform	ug/L	<0.43	1.0	08/23/23 09:40	
Bromomethane	ug/L	<1.2	5.0	08/23/23 09:40	
Carbon tetrachloride	ug/L	<0.37	1.0	08/23/23 09:40	
Chlorobenzene	ug/L	<0.86	1.0	08/23/23 09:40	
Chloroethane	ug/L	<1.4	5.0	08/23/23 09:40	
Chloroform	ug/L	<0.50	5.0	08/23/23 09:40	
Chloromethane	ug/L	<1.6	5.0	08/23/23 09:40	
cis-1,2-Dichloroethene	ug/L	<0.47	1.0	08/23/23 09:40	
cis-1,3-Dichloropropene	ug/L	<0.24	1.0	08/23/23 09:40	
Dibromochloromethane	ug/L	<2.6	5.0	08/23/23 09:40	
Dibromomethane	ug/L	<0.99	5.0	08/23/23 09:40	
Dichlorodifluoromethane	ug/L	<0.46	5.0	08/23/23 09:40	
Diisopropyl ether	ug/L	<1.1	5.0	08/23/23 09:40	

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

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: KT3014R-PHASE 2
Pace Project No.: 40267052

METHOD BLANK: 2602346 Matrix: Water
Associated Lab Samples: 40267052001, 40267052003, 40267052004, 40267052005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethylbenzene	ug/L	<0.33	1.0	08/23/23 09:40	
Hexachloro-1,3-butadiene	ug/L	<2.7	5.0	08/23/23 09:40	
Isopropylbenzene (Cumene)	ug/L	<1.0	5.0	08/23/23 09:40	
m&p-Xylene	ug/L	<0.70	2.0	08/23/23 09:40	
Methyl-tert-butyl ether	ug/L	<1.1	5.0	08/23/23 09:40	
Methylene Chloride	ug/L	<0.32	5.0	08/23/23 09:40	
n-Butylbenzene	ug/L	<0.86	1.0	08/23/23 09:40	
n-Propylbenzene	ug/L	<0.35	1.0	08/23/23 09:40	
Naphthalene	ug/L	<1.9	5.0	08/23/23 09:40	
o-Xylene	ug/L	<0.35	1.0	08/23/23 09:40	
p-Isopropyltoluene	ug/L	<1.0	5.0	08/23/23 09:40	
sec-Butylbenzene	ug/L	<0.42	1.0	08/23/23 09:40	
Styrene	ug/L	<0.36	1.0	08/23/23 09:40	
tert-Butylbenzene	ug/L	<0.59	1.0	08/23/23 09:40	
Tetrachloroethene	ug/L	<0.41	1.0	08/23/23 09:40	
Toluene	ug/L	<0.29	1.0	08/23/23 09:40	
trans-1,2-Dichloroethene	ug/L	<0.53	1.0	08/23/23 09:40	
trans-1,3-Dichloropropene	ug/L	<0.27	1.0	08/23/23 09:40	
Trichloroethene	ug/L	<0.32	1.0	08/23/23 09:40	
Trichlorofluoromethane	ug/L	<0.42	1.0	08/23/23 09:40	
Vinyl chloride	ug/L	<0.17	1.0	08/23/23 09:40	
1,2-Dichlorobenzene-d4 (S)	%	101	70-130	08/23/23 09:40	
4-Bromofluorobenzene (S)	%	100	70-130	08/23/23 09:40	
Toluene-d8 (S)	%	104	70-130	08/23/23 09:40	

LABORATORY CONTROL SAMPLE: 2602347

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	55.4	111	70-134	
1,1,2,2-Tetrachloroethane	ug/L	50	49.2	98	69-130	
1,1,2-Trichloroethane	ug/L	50	50.5	101	70-130	
1,1-Dichloroethane	ug/L	50	54.6	109	70-130	
1,1-Dichloroethene	ug/L	50	54.1	108	74-131	
1,2,4-Trichlorobenzene	ug/L	50	42.7	85	68-130	
1,2-Dibromo-3-chloropropane	ug/L	50	45.2	90	64-137	
1,2-Dibromoethane (EDB)	ug/L	50	46.7	93	70-130	
1,2-Dichlorobenzene	ug/L	50	48.1	96	70-130	
1,2-Dichloroethane	ug/L	50	53.0	106	70-137	
1,2-Dichloropropane	ug/L	50	51.9	104	80-121	
1,3-Dichlorobenzene	ug/L	50	50.0	100	70-130	
1,4-Dichlorobenzene	ug/L	50	47.9	96	70-130	
Benzene	ug/L	50	53.4	107	70-130	
Bromodichloromethane	ug/L	50	53.2	106	70-130	
Bromoform	ug/L	50	52.6	105	70-130	

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

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: KT3014R-PHASE 2
Pace Project No.: 40267052

LABORATORY CONTROL SAMPLE: 2602347

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Bromomethane	ug/L	50	47.2	94	21-147	
Carbon tetrachloride	ug/L	50	58.7	117	80-146	
Chlorobenzene	ug/L	50	51.6	103	70-130	
Chloroethane	ug/L	50	52.5	105	52-165	
Chloroform	ug/L	50	55.2	110	80-123	
Chloromethane	ug/L	50	54.0	108	51-122	
cis-1,2-Dichloroethene	ug/L	50	51.7	103	70-130	
cis-1,3-Dichloropropene	ug/L	50	51.7	103	70-130	
Dibromochloromethane	ug/L	50	52.9	106	70-130	
Dichlorodifluoromethane	ug/L	50	45.7	91	25-121	
Ethylbenzene	ug/L	50	51.6	103	80-120	
Isopropylbenzene (Cumene)	ug/L	50	48.5	97	70-130	
m&p-Xylene	ug/L	100	101	101	70-130	
Methyl-tert-butyl ether	ug/L	50	49.2	98	70-130	
Methylene Chloride	ug/L	50	55.5	111	70-130	
o-Xylene	ug/L	50	50.5	101	70-130	
Styrene	ug/L	50	58.9	118	70-130	
Tetrachloroethene	ug/L	50	50.9	102	70-130	
Toluene	ug/L	50	51.3	103	80-120	
trans-1,2-Dichloroethene	ug/L	50	51.9	104	70-130	
trans-1,3-Dichloropropene	ug/L	50	47.4	95	70-130	
Trichloroethene	ug/L	50	53.8	108	70-130	
Trichlorofluoromethane	ug/L	50	56.6	113	65-160	
Vinyl chloride	ug/L	50	55.9	112	63-134	
1,2-Dichlorobenzene-d4 (S)	%			99	70-130	
4-Bromofluorobenzene (S)	%			101	70-130	
Toluene-d8 (S)	%			101	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2602430 2602431

Parameter	Units	40267035011 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1-Trichloroethane	ug/L	<0.30	50	50	62.0	56.8	124	114	70-134	9	20	
1,1,2,2-Tetrachloroethane	ug/L	<0.38	50	50	49.5	49.1	99	98	61-135	1	20	
1,1,2-Trichloroethane	ug/L	<0.34	50	50	52.0	51.5	104	103	70-130	1	20	
1,1-Dichloroethane	ug/L	<0.30	50	50	63.3	55.5	127	111	70-130	13	20	
1,1-Dichloroethene	ug/L	<0.58	50	50	58.0	54.7	116	109	71-130	6	20	
1,2,4-Trichlorobenzene	ug/L	<0.95	50	50	44.2	43.8	88	88	68-131	1	20	
1,2-Dibromo-3-chloropropane	ug/L	<2.4	50	50	44.4	43.7	89	87	51-141	2	20	
1,2-Dibromoethane (EDB)	ug/L	<0.31	50	50	49.5	48.7	99	97	70-130	2	20	
1,2-Dichlorobenzene	ug/L	<0.33	50	50	49.9	49.7	100	99	70-130	0	20	
1,2-Dichloroethane	ug/L	<0.29	50	50	55.8	52.4	112	105	70-137	6	20	
1,2-Dichloropropane	ug/L	<0.45	50	50	54.1	53.6	108	107	80-121	1	20	
1,3-Dichlorobenzene	ug/L	<0.35	50	50	52.5	51.6	105	103	70-130	2	20	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: KT3014R-PHASE 2
Pace Project No.: 40267052

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2602430 2602431

Parameter	Units	40267035011 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,4-Dichlorobenzene	ug/L	<0.89	50	50	49.6	48.8	99	98	70-130	2	20	
Benzene	ug/L	<0.30	50	50	55.5	55.3	111	111	70-130	0	20	
Bromodichloromethane	ug/L	<0.42	50	50	56.5	54.0	113	108	70-130	4	20	
Bromoform	ug/L	<0.43	50	50	55.5	54.9	111	110	70-133	1	20	
Bromomethane	ug/L	<1.2	50	50	54.9	55.0	110	110	21-149	0	22	
Carbon tetrachloride	ug/L	<0.37	50	50	60.2	60.4	120	121	80-146	0	20	
Chlorobenzene	ug/L	<0.86	50	50	55.1	54.6	110	109	70-130	1	20	
Chloroethane	ug/L	<1.4	50	50	55.5	55.1	111	110	52-165	1	20	
Chloroform	ug/L	<0.50	50	50	61.7	56.2	123	112	80-123	9	20	
Chloromethane	ug/L	<1.6	50	50	54.6	54.2	109	108	42-125	1	20	
cis-1,2-Dichloroethene	ug/L	<0.47	50	50	59.8	53.0	120	106	70-130	12	20	
cis-1,3-Dichloropropene	ug/L	<0.24	50	50	54.4	52.1	109	104	70-130	4	20	
Dibromochloromethane	ug/L	<2.6	50	50	55.0	54.1	110	108	70-130	1	20	
Dichlorodifluoromethane	ug/L	<0.46	50	50	43.7	43.8	87	88	25-121	0	20	
Ethylbenzene	ug/L	<0.33	50	50	54.9	55.3	110	111	80-121	1	20	
Isopropylbenzene (Cumene)	ug/L	<1.0	50	50	51.0	50.9	102	102	70-130	0	20	
m&p-Xylene	ug/L	<0.70	100	100	107	107	107	107	70-130	1	20	
Methyl-tert-butyl ether	ug/L	<1.1	50	50	50.7	50.0	101	100	70-130	1	20	
Methylene Chloride	ug/L	<0.32	50	50	58.6	55.0	117	110	70-130	6	20	
o-Xylene	ug/L	<0.35	50	50	53.5	53.0	107	106	70-130	1	20	
Styrene	ug/L	<0.36	50	50	60.8	59.6	122	119	70-132	2	20	
Tetrachloroethene	ug/L	<0.41	50	50	53.5	53.4	107	107	70-130	0	20	
Toluene	ug/L	<0.29	50	50	53.2	53.5	106	107	80-120	1	20	
trans-1,2-Dichloroethene	ug/L	<0.53	50	50	54.6	53.4	109	107	70-130	2	20	
trans-1,3-Dichloropropene	ug/L	<0.27	50	50	49.0	49.1	98	98	70-130	0	20	
Trichloroethene	ug/L	<0.32	50	50	55.2	54.3	110	109	70-130	2	20	
Trichlorofluoromethane	ug/L	<0.42	50	50	57.4	57.1	115	114	65-160	0	20	
Vinyl chloride	ug/L	<0.17	50	50	58.9	57.2	118	114	60-137	3	20	
1,2-Dichlorobenzene-d4 (S)	%						100	95	70-130			
4-Bromofluorobenzene (S)	%						99	100	70-130			
Toluene-d8 (S)	%						101	103	70-130			

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: KT3014R-PHASE 2
Pace Project No.: 40267052

QC Batch: 453214
QC Batch Method: EPA 8260
Analysis Method: EPA 8260
Analysis Description: 8260 MSV
Laboratory: Pace Analytical Services - Green Bay

Associated Lab Samples: 40267052002

METHOD BLANK: 2603673 Matrix: Water
Associated Lab Samples: 40267052002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<0.36	1.0	08/25/23 10:23	
1,1,1-Trichloroethane	ug/L	<0.30	1.0	08/25/23 10:23	
1,1,2,2-Tetrachloroethane	ug/L	<0.38	1.0	08/25/23 10:23	
1,1,2-Trichloroethane	ug/L	<0.34	1.0	08/25/23 10:23	
1,1-Dichloroethane	ug/L	<0.30	1.0	08/25/23 10:23	
1,1-Dichloroethene	ug/L	<0.58	1.0	08/25/23 10:23	
1,1-Dichloropropene	ug/L	<0.41	1.0	08/25/23 10:23	
1,2,3-Trichlorobenzene	ug/L	<1.0	5.0	08/25/23 10:23	
1,2,3-Trichloropropane	ug/L	<0.56	1.0	08/25/23 10:23	
1,2,4-Trichlorobenzene	ug/L	<0.95	5.0	08/25/23 10:23	
1,2,4-Trimethylbenzene	ug/L	<0.45	1.0	08/25/23 10:23	
1,2-Dibromo-3-chloropropane	ug/L	<2.4	5.0	08/25/23 10:23	
1,2-Dibromoethane (EDB)	ug/L	<0.31	1.0	08/25/23 10:23	
1,2-Dichlorobenzene	ug/L	<0.33	1.0	08/25/23 10:23	
1,2-Dichloroethane	ug/L	<0.29	1.0	08/25/23 10:23	
1,2-Dichloropropane	ug/L	<0.45	1.0	08/25/23 10:23	
1,3,5-Trimethylbenzene	ug/L	<0.36	1.0	08/25/23 10:23	
1,3-Dichlorobenzene	ug/L	<0.35	1.0	08/25/23 10:23	
1,3-Dichloropropane	ug/L	<0.30	1.0	08/25/23 10:23	
1,4-Dichlorobenzene	ug/L	<0.89	1.0	08/25/23 10:23	
2,2-Dichloropropane	ug/L	<0.42	1.0	08/25/23 10:23	
2-Chlorotoluene	ug/L	<0.89	5.0	08/25/23 10:23	
4-Chlorotoluene	ug/L	<0.89	5.0	08/25/23 10:23	
Benzene	ug/L	<0.30	1.0	08/25/23 10:23	
Bromobenzene	ug/L	<0.36	1.0	08/25/23 10:23	
Bromochloromethane	ug/L	<0.36	1.0	08/25/23 10:23	
Bromodichloromethane	ug/L	<0.42	1.0	08/25/23 10:23	
Bromoform	ug/L	<0.43	1.0	08/25/23 10:23	
Bromomethane	ug/L	<1.2	5.0	08/25/23 10:23	
Carbon tetrachloride	ug/L	<0.37	1.0	08/25/23 10:23	
Chlorobenzene	ug/L	<0.86	1.0	08/25/23 10:23	
Chloroethane	ug/L	<1.4	5.0	08/25/23 10:23	
Chloroform	ug/L	<0.50	5.0	08/25/23 10:23	
Chloromethane	ug/L	<1.6	5.0	08/25/23 10:23	
cis-1,2-Dichloroethene	ug/L	<0.47	1.0	08/25/23 10:23	
cis-1,3-Dichloropropene	ug/L	<0.24	1.0	08/25/23 10:23	
Dibromochloromethane	ug/L	<2.6	5.0	08/25/23 10:23	
Dibromomethane	ug/L	<0.99	5.0	08/25/23 10:23	
Dichlorodifluoromethane	ug/L	<0.46	5.0	08/25/23 10:23	
Diisopropyl ether	ug/L	<1.1	5.0	08/25/23 10:23	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: KT3014R-PHASE 2
Pace Project No.: 40267052

METHOD BLANK: 2603673 Matrix: Water
Associated Lab Samples: 40267052002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethylbenzene	ug/L	<0.33	1.0	08/25/23 10:23	
Hexachloro-1,3-butadiene	ug/L	<2.7	5.0	08/25/23 10:23	
Isopropylbenzene (Cumene)	ug/L	<1.0	5.0	08/25/23 10:23	
m&p-Xylene	ug/L	<0.70	2.0	08/25/23 10:23	
Methyl-tert-butyl ether	ug/L	<1.1	5.0	08/25/23 10:23	
Methylene Chloride	ug/L	<0.32	5.0	08/25/23 10:23	
n-Butylbenzene	ug/L	<0.86	1.0	08/25/23 10:23	
n-Propylbenzene	ug/L	<0.35	1.0	08/25/23 10:23	
Naphthalene	ug/L	<1.9	5.0	08/25/23 10:23	
o-Xylene	ug/L	<0.35	1.0	08/25/23 10:23	
p-Isopropyltoluene	ug/L	<1.0	5.0	08/25/23 10:23	
sec-Butylbenzene	ug/L	<0.42	1.0	08/25/23 10:23	
Styrene	ug/L	<0.36	1.0	08/25/23 10:23	
tert-Butylbenzene	ug/L	<0.59	1.0	08/25/23 10:23	
Tetrachloroethene	ug/L	<0.41	1.0	08/25/23 10:23	
Toluene	ug/L	<0.29	1.0	08/25/23 10:23	
trans-1,2-Dichloroethene	ug/L	<0.53	1.0	08/25/23 10:23	
trans-1,3-Dichloropropene	ug/L	<0.27	1.0	08/25/23 10:23	
Trichloroethene	ug/L	<0.32	1.0	08/25/23 10:23	
Trichlorofluoromethane	ug/L	<0.42	1.0	08/25/23 10:23	
Vinyl chloride	ug/L	<0.17	1.0	08/25/23 10:23	
1,2-Dichlorobenzene-d4 (S)	%	100	70-130	08/25/23 10:23	
4-Bromofluorobenzene (S)	%	101	70-130	08/25/23 10:23	
Toluene-d8 (S)	%	103	70-130	08/25/23 10:23	

LABORATORY CONTROL SAMPLE: 2603674

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	56.8	114	70-134	
1,1,2,2-Tetrachloroethane	ug/L	50	48.7	97	69-130	
1,1,2-Trichloroethane	ug/L	50	51.6	103	70-130	
1,1-Dichloroethane	ug/L	50	55.4	111	70-130	
1,1-Dichloroethene	ug/L	50	54.7	109	74-131	
1,2,4-Trichlorobenzene	ug/L	50	43.6	87	68-130	
1,2-Dibromo-3-chloropropane	ug/L	50	41.1	82	64-137	
1,2-Dibromoethane (EDB)	ug/L	50	48.9	98	70-130	
1,2-Dichlorobenzene	ug/L	50	49.8	100	70-130	
1,2-Dichloroethane	ug/L	50	53.4	107	70-137	
1,2-Dichloropropane	ug/L	50	53.8	108	80-121	
1,3-Dichlorobenzene	ug/L	50	52.7	105	70-130	
1,4-Dichlorobenzene	ug/L	50	49.6	99	70-130	
Benzene	ug/L	50	54.6	109	70-130	
Bromodichloromethane	ug/L	50	54.1	108	70-130	
Bromoform	ug/L	50	53.4	107	70-130	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: KT3014R-PHASE 2
Pace Project No.: 40267052

LABORATORY CONTROL SAMPLE: 2603674

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Bromomethane	ug/L	50	44.8	90	21-147	
Carbon tetrachloride	ug/L	50	59.2	118	80-146	
Chlorobenzene	ug/L	50	54.0	108	70-130	
Chloroethane	ug/L	50	51.3	103	52-165	
Chloroform	ug/L	50	56.2	112	80-123	
Chloromethane	ug/L	50	47.8	96	51-122	
cis-1,2-Dichloroethene	ug/L	50	54.2	108	70-130	
cis-1,3-Dichloropropene	ug/L	50	53.2	106	70-130	
Dibromochloromethane	ug/L	50	53.6	107	70-130	
Dichlorodifluoromethane	ug/L	50	33.6	67	25-121	
Ethylbenzene	ug/L	50	54.8	110	80-120	
Isopropylbenzene (Cumene)	ug/L	50	50.4	101	70-130	
m&p-Xylene	ug/L	100	106	106	70-130	
Methyl-tert-butyl ether	ug/L	50	49.0	98	70-130	
Methylene Chloride	ug/L	50	55.4	111	70-130	
o-Xylene	ug/L	50	53.4	107	70-130	
Styrene	ug/L	50	61.1	122	70-130	
Tetrachloroethene	ug/L	50	53.5	107	70-130	
Toluene	ug/L	50	53.3	107	80-120	
trans-1,2-Dichloroethene	ug/L	50	52.0	104	70-130	
trans-1,3-Dichloropropene	ug/L	50	48.4	97	70-130	
Trichloroethene	ug/L	50	54.3	109	70-130	
Trichlorofluoromethane	ug/L	50	54.1	108	65-160	
Vinyl chloride	ug/L	50	52.1	104	63-134	
1,2-Dichlorobenzene-d4 (S)	%			99	70-130	
4-Bromofluorobenzene (S)	%			98	70-130	
Toluene-d8 (S)	%			103	70-130	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALIFIERS

Project: KT3014R-PHASE 2
Pace Project No.: 40267052

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.

DL - Adjusted Method Detection Limit.

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

HS	Results are from sample aliquot taken from VOA vial with headspace (air bubble greater than 6 mm diameter).

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: KT3014R-PHASE 2
Pace Project No.: 40267052

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40267052001	**GP1**	EPA 8260	452986		
40267052002	**GP2**	EPA 8260	453214		
40267052003	**GP3**	EPA 8260	452986		
40267052004	**GP4**	EPA 8260	452986		
40267052005	**TRIP BLANK**	EPA 8260	452986		

CHAIN-OF-CUSTODY Analytical Request Document

Pace Analytical®

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevent fields

LAB USE ONLY- Affix Workorder/Login Label Here or List Pace Workorder Number or MTJL Log-in Number Here: 40267052

ALL SHADED AREAS are for LAB USE ONLY

Company: Pioneer Eng
Address: MT. HOREB
Billing Information: Kwik Trip
Report To: J. DRAPEAU
Email To: J POWEL
Copy To: J. POWEL
Site Collection Info/Address: Hardesville
Customer Project Name/Number: KT314R – PHASE 2
State: WI | County/City: | Time Zone Collected: [ ] PT [ ] MT [ ] CT [ ] ET
Phone:
Email:
Site/Facility ID #:
Compliance Monitoring? [ ] Yes [X] No
Collected By (print): J. DRAPEAUS
Purchase Order #: M7974136ZZ
Quote #:
DW PWS ID #:
DW Location Code:
Collected By (signature): [signature]
Turnaround Date Required: STD
Immediately Packed on Ice: [X] Yes [ ] No
Sample Disposal: [ ] Dispose as appropriate [ ] Return [ ] Archive: ______ [ ] Hold: ______
Rush: [ ] Same Day [ ] Next Day [ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] 5 Day (Expedite Charges Apply)
Field Filtered (if applicable): [ ] Yes [X] No
Analysis: ______

Container Preservative Type **

Lab Project Manager:

** Preservative Types: (1) nitric acid, (2) sulfuric acid, (3) hydrochloric acid, (4) sodium hydroxide, (5) zinc acetate, (6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (9) hexane, (A) ascorbic acid, (B) ammonium sulfate, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Other ______

Lab Profile/Line:

Lab Sample Receipt Checklist:
Custody Seals Present/Intact Y N NA
Custody Signatures Present Y N NA
Collector Signature Present Y N NA
Bottles Intact Y N NA
Correct Bottles Y N NA
Sufficient Volume Y N NA
Samples Received on Ice Y N NA
VOA - Headspace Acceptable Y N NA
USDA Regulated Soils Y N NA
Samples in Holding Time Y N NA
Residual Chlorine Present Y N NA
Cl Strips: ______
Sample pH Acceptable Y N NA
pH Strips: ______
Sulfide Present Y N NA
Lead Acetate Strips: ______

LAB USE ONLY:
Lab Sample # / Comments:

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SL), Oil (OL), Wipe (WP), Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start) Date	Time	Composite End Date	Time	Res Cl	# of Ctns	Analyses: VOCS	Lab Sample # / Comments
GP1			8/17/23	9:10					X	001
GP2			↓	9:45					↓	002
GP3			↓	10:15					↓	003
GP4			↓	10:45					↓	004
TRIP BLK			PROVIDED						X	005

Customer Remarks / Special Conditions / Possible Hazards:

Type of Ice Used: Wet Blue Dry None
Packing Material Used:
Radchem sample(s) screened (<500 cpm): Y N NA

SHORT HOLDS PRESENT (<72 hours): Y N N/A
Lab Tracking #: 2763730
Samples received via: FEDEX UPS Client Courier Pace Courier

Lab Sample Temperature Info:
Temp Blank Received: Y N NA
Therm ID#: ______
Cooler 1 Temp Upon Receipt: ____oC
Cooler 1 Therm Corr. Factor: ____oC
Cooler 1 Corrected Temp: ____oC
Comments:

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
[signature]	8/17/23 1645		
K Spledee	8-22-23 0945	Roberun Pace	8-22-23 0945

MTJL LAB USE ONLY
Table #:
Acctnum:
Template:
Prelogin:
PM:
PB:

Trip Blank Received: Y N NA
HCL MeOH TSP Other

Non Conformance(s): YES / NO

Page: 23 of 25
of: ______

Client Name: Pioneer

Sample Preservation Receipt Form

Project # 402667052

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: AG1U	BG1U	AG1H	AG4S	AG5U	AG2S	BG3U	Plastic: BP1U	BP3U	BP3B	BP3N	BP3S	BP2Z	Vials: VG9C	DG9T	VG9U	VG9H	VG9M	VG9D	Jars: JGFU	JG9U	WGFU	WPFU	General: SP5T	ZPLC	GN 1	GN 2	VOA Vials (>6mm) *	H2SO4 pH ≤2	NaOH+Zn Act pH ≥9	NaOH pH ≥12	HNO3 pH ≤2	pH after adjusted	Volume (mL)
001																	2																		2.5 / 5
002																	2																		2.5 / 5
003																	3																		2.5 / 5
004																	3																		2.5 / 5
005																	3												2						2.5 / 5
006																	2																		2.5 / 5
007																																			2.5 / 5
008																																			2.5 / 5
009																																			2.5 / 5
010															DI																				2.5 / 5
011																																			2.5 / 5
012																																			2.5 / 5
013																																			2.5 / 5
014																																			2.5 / 5
015																																			2.5 / 5
016																																			2.5 / 5
017																																			2.5 / 5
018																																			2.5 / 5
019																																			2.5 / 5
020																																			2.5 / 5

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	VG9C	40 mL clear ascorbic w/ HCl	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
AG5U	100 mL amber glass unpres	BP3S	250 mL plastic H2SO4	VG9M	40 mL clear vial MeOH	SP5T	120 mL plastic Na Thiosulfate
AG2S	500 mL amber glass H2SO4	BP2Z	500 mL plastic NaOH + Zn	VG9D	40 mL clear vial DI	ZPLC	ziploc bag
BG3U	250 mL clear glass unpres					GN 1	
						GN 2	

Page 1 of 2

Sample Condition Upon Receipt Form (SCUR)

Client Name: Pioneer

Project #:

WO# : 40267052

40267052

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

Tracking #: 883923001900006602137

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 - 121 **Type of Ice:** (Wet) Blue Dry None ☐ Meltwater Only

Cooler Temperature Uncorr: 2.0 /Corr: 1.5

Temp Blank Present: ☐ yes ☒ no **Biological Tissue is Frozen:** ☐ yes ☐ no

Person examining contents:
Date: 8-22-23 Initials: R.A

Labeled By Initials: mit

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:	☒Yes ☐No ☐N/A	1.
Chain of Custody Filled Out:	☒Yes ☐No ☐N/A	2.
Chain of Custody Relinquished:	☒Yes ☐No ☐N/A	3.
Sampler Name & Signature on COC:	☒Yes ☐No ☐N/A	4.
Samples Arrived within Hold Time:	☒Yes ☐No	5.
- DI VOA Samples frozen upon receipt	☐Yes ☐No	Date/Time:
Short Hold Time Analysis (<72hr):	☐Yes ☒No	6.
Rush Turn Around Time Requested:	☐Yes ☒No	7.
Sufficient Volume: For Analysis: ☒Yes ☐No MS/MSD: ☐Yes ☒No ☐N/A		8.
Correct Containers Used:	☒Yes ☐No	9.
Correct Type: (Pace Green Bay), Pace IR, Non-Pace		
Containers Intact:	☒Yes ☐No	10.
Filtered volume received for Dissolved tests	☐Yes ☐No ☒N/A	11.
Sample Labels match COC: -Includes date/time/ID/Analysis Matrix: W	☒Yes ☐No ☐N/A	12.
Trip Blank Present:	☒Yes ☐No ☐N/A	13.
Trip Blank Custody Seals Present	☒Yes ☐No ☐N/A	
Pace Trip Blank Lot # (if purchased): 503		

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 logi

Page 2 of 2

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

August 28, 2023

Joe Drapeau
PIONEER ENVIRONMENTAL, INC.
203 1/2 East Main Street
PO Box 102
Mount Horeb, WI 53572

RE: Project: KT314R PHASE II
Pace Project No.: 40267051

Dear Joe Drapeau:

Enclosed are the analytical results for sample(s) received by the laboratory on August 22, 2023. 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,

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

Enclosures

cc: Jason Powell, Kwik Trip

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

CERTIFICATIONS

Project: KT314R PHASE II
Pace Project No.: 40267051

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
South Carolina Certification #: 83006001
Texas Certification #: T104704529-21-8
Virginia VELAP Certification ID: 11873
Wisconsin Certification #: 405132750
Wisconsin DATCP Certification #: 105-444
USDA Soil Permit #: P330-21-00008
Federal Fish & Wildlife Permit #: 51774A

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

SAMPLE SUMMARY

Project: KT314R PHASE II
Pace Project No.: 40267051

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40267051001	**GP1-4**	Solid	08/17/23 08:40	08/22/23 09:45
40267051002	**GP1-9**	Solid	08/17/23 08:50	08/22/23 09:45
40267051003	**GP2-8**	Solid	08/17/23 09:20	08/22/23 09:45
40267051004	**GP2-13**	Solid	08/17/23 09:25	08/22/23 09:45
40267051005	**GP3-1**	Solid	08/17/23 09:42	08/22/23 09:45
40267051006	**GP3-4**	Solid	08/17/23 09:45	08/22/23 09:45
40267051007	**GP3-13**	Solid	08/17/23 10:05	08/22/23 09:45
40267051008	**GP4-2**	Solid	08/17/23 10:24	08/22/23 09:45
40267051009	**GP4-7**	Solid	08/17/23 10:30	08/22/23 09:45

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

SAMPLE ANALYTE COUNT

Project: KT314R PHASE II
Pace Project No.: 40267051

Lab ID	Sample ID	Method	Analysts	Analytes Reported
40267051001	**GP1-4**	EPA 6010D	SIS	1
		EPA 8260	ALD	64
		ASTM D2974-87	RZA	1
40267051002	**GP1-9**	EPA 6010D	SIS	1
		EPA 8260	ALD	64
		ASTM D2974-87	RZA	1
40267051003	**GP2-8**	EPA 6010D	SIS	1
		EPA 8260	ALD	64
		ASTM D2974-87	RZA	1
40267051004	**GP2-13**	EPA 6010D	SIS	1
		EPA 8260	ALD	64
		ASTM D2974-87	SRG	1
40267051005	**GP3-1**	EPA 6010D	SIS	1
		EPA 8260	ALD	64
		ASTM D2974-87	SRG	1
40267051006	**GP3-4**	EPA 6010D	SIS	1
		EPA 8260	ALD	64
		ASTM D2974-87	SRG	1
40267051007	**GP3-13**	EPA 6010D	SIS	1
		EPA 8260	ALD	64
		ASTM D2974-87	SRG	1
40267051008	**GP4-2**	EPA 6010D	SIS	1
		EPA 8260	ALD	64
		ASTM D2974-87	SRG	1
40267051009	**GP4-7**	EPA 6010D	SIS	1
		EPA 8260	ALD	64
		ASTM D2974-87	SRG	1

PASI-G = Pace Analytical Services - Green Bay

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: KT314R PHASE II
Pace Project No.: 40267051

Sample: GP1-4 **Lab ID: 40267051001** Collected: 08/17/23 08:40 Received: 08/22/23 09:45 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
6010D MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3050B Pace Analytical Services - Green Bay								
Lead	**0.63J**	mg/kg	2.1	0.63	1	08/24/23 06:52	08/24/23 18:55	7439-92-1	
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B Pace Analytical Services - Green Bay								
1,1,1,2-Tetrachloroethane	**<13.3**	ug/kg	55.4	13.3	1	08/23/23 08:00	08/23/23 21:29	630-20-6	
1,1,1-Trichloroethane	**<14.2**	ug/kg	55.4	14.2	1	08/23/23 08:00	08/23/23 21:29	71-55-6	
1,1,2,2-Tetrachloroethane	**<20.1**	ug/kg	55.4	20.1	1	08/23/23 08:00	08/23/23 21:29	79-34-5	
1,1,2-Trichloroethane	**<20.2**	ug/kg	55.4	20.2	1	08/23/23 08:00	08/23/23 21:29	79-00-5	
1,1-Dichloroethane	**<14.2**	ug/kg	55.4	14.2	1	08/23/23 08:00	08/23/23 21:29	75-34-3	
1,1-Dichloroethene	**<18.4**	ug/kg	55.4	18.4	1	08/23/23 08:00	08/23/23 21:29	75-35-4	
1,1-Dichloropropene	**<18.0**	ug/kg	55.4	18.0	1	08/23/23 08:00	08/23/23 21:29	563-58-6	
1,2,3-Trichlorobenzene	**<61.7**	ug/kg	277	61.7	1	08/23/23 08:00	08/23/23 21:29	87-61-6	
1,2,3-Trichloropropane	**<26.9**	ug/kg	55.4	26.9	1	08/23/23 08:00	08/23/23 21:29	96-18-4	
1,2,4-Trichlorobenzene	**<45.7**	ug/kg	277	45.7	1	08/23/23 08:00	08/23/23 21:29	120-82-1	
1,2,4-Trimethylbenzene	**<16.5**	ug/kg	55.4	16.5	1	08/23/23 08:00	08/23/23 21:29	95-63-6	
1,2-Dibromo-3-chloropropane	**<43.0**	ug/kg	277	43.0	1	08/23/23 08:00	08/23/23 21:29	96-12-8	
1,2-Dibromoethane (EDB)	**<15.2**	ug/kg	55.4	15.2	1	08/23/23 08:00	08/23/23 21:29	106-93-4	
1,2-Dichlorobenzene	**<17.2**	ug/kg	55.4	17.2	1	08/23/23 08:00	08/23/23 21:29	95-50-1	
1,2-Dichloroethane	**<12.7**	ug/kg	55.4	12.7	1	08/23/23 08:00	08/23/23 21:29	107-06-2	
1,2-Dichloropropane	**<13.2**	ug/kg	55.4	13.2	1	08/23/23 08:00	08/23/23 21:29	78-87-5	
1,3,5-Trimethylbenzene	**<17.8**	ug/kg	55.4	17.8	1	08/23/23 08:00	08/23/23 21:29	108-67-8	
1,3-Dichlorobenzene	**<15.2**	ug/kg	55.4	15.2	1	08/23/23 08:00	08/23/23 21:29	541-73-1	
1,3-Dichloropropane	**<12.1**	ug/kg	55.4	12.1	1	08/23/23 08:00	08/23/23 21:29	142-28-9	
1,4-Dichlorobenzene	**<15.2**	ug/kg	55.4	15.2	1	08/23/23 08:00	08/23/23 21:29	106-46-7	
2,2-Dichloropropane	**<15.0**	ug/kg	55.4	15.0	1	08/23/23 08:00	08/23/23 21:29	594-20-7	
2-Chlorotoluene	**<18.0**	ug/kg	55.4	18.0	1	08/23/23 08:00	08/23/23 21:29	95-49-8	
4-Chlorotoluene	**<21.1**	ug/kg	55.4	21.1	1	08/23/23 08:00	08/23/23 21:29	106-43-4	
Benzene	**<13.2**	ug/kg	22.2	13.2	1	08/23/23 08:00	08/23/23 21:29	71-43-2	
Bromobenzene	**<21.6**	ug/kg	55.4	21.6	1	08/23/23 08:00	08/23/23 21:29	108-86-1	
Bromochloromethane	**<15.2**	ug/kg	55.4	15.2	1	08/23/23 08:00	08/23/23 21:29	74-97-5	
Bromodichloromethane	**<13.2**	ug/kg	55.4	13.2	1	08/23/23 08:00	08/23/23 21:29	75-27-4	
Bromoform	**<244**	ug/kg	277	244	1	08/23/23 08:00	08/23/23 21:29	75-25-2	
Bromomethane	**<77.7**	ug/kg	277	77.7	1	08/23/23 08:00	08/23/23 21:29	74-83-9	
Carbon tetrachloride	**<12.2**	ug/kg	55.4	12.2	1	08/23/23 08:00	08/23/23 21:29	56-23-5	
Chlorobenzene	**<6.6**	ug/kg	55.4	6.6	1	08/23/23 08:00	08/23/23 21:29	108-90-7	
Chloroethane	**<23.4**	ug/kg	277	23.4	1	08/23/23 08:00	08/23/23 21:29	75-00-3	
Chloroform	**<39.7**	ug/kg	277	39.7	1	08/23/23 08:00	08/23/23 21:29	67-66-3	
Chloromethane	**<21.1**	ug/kg	55.4	21.1	1	08/23/23 08:00	08/23/23 21:29	74-87-3	
Dibromochloromethane	**<189**	ug/kg	277	189	1	08/23/23 08:00	08/23/23 21:29	124-48-1	
Dibromomethane	**<16.4**	ug/kg	55.4	16.4	1	08/23/23 08:00	08/23/23 21:29	74-95-3	
Dichlorodifluoromethane	**<23.8**	ug/kg	55.4	23.8	1	08/23/23 08:00	08/23/23 21:29	75-71-8	
Diisopropyl ether	**<13.7**	ug/kg	55.4	13.7	1	08/23/23 08:00	08/23/23 21:29	108-20-3	
Ethylbenzene	**<13.2**	ug/kg	55.4	13.2	1	08/23/23 08:00	08/23/23 21:29	100-41-4	
Hexachloro-1,3-butadiene	**<110**	ug/kg	277	110	1	08/23/23 08:00	08/23/23 21:29	87-68-3	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: KT314R PHASE II
Pace Project No.: 40267051

Sample: GP1-4 **Lab ID: 40267051001** Collected: 08/17/23 08:40 Received: 08/22/23 09:45 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 Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B Pace Analytical Services - Green Bay								
Isopropylbenzene (Cumene)	**<15.0**	ug/kg	55.4	15.0	1	08/23/23 08:00	08/23/23 21:29	98-82-8	
Methyl-tert-butyl ether	**<16.3**	ug/kg	55.4	16.3	1	08/23/23 08:00	08/23/23 21:29	1634-04-4	
Methylene Chloride	**<15.4**	ug/kg	55.4	15.4	1	08/23/23 08:00	08/23/23 21:29	75-09-2	
Naphthalene	**<17.3**	ug/kg	277	17.3	1	08/23/23 08:00	08/23/23 21:29	91-20-3	
Styrene	**<14.2**	ug/kg	55.4	14.2	1	08/23/23 08:00	08/23/23 21:29	100-42-5	
Tetrachloroethene	**<21.5**	ug/kg	55.4	21.5	1	08/23/23 08:00	08/23/23 21:29	127-18-4	
Toluene	**<14.0**	ug/kg	55.4	14.0	1	08/23/23 08:00	08/23/23 21:29	108-88-3	
Trichloroethene	**<20.7**	ug/kg	55.4	20.7	1	08/23/23 08:00	08/23/23 21:29	79-01-6	
Trichlorofluoromethane	**<16.1**	ug/kg	55.4	16.1	1	08/23/23 08:00	08/23/23 21:29	75-69-4	
Vinyl chloride	**<11.2**	ug/kg	55.4	11.2	1	08/23/23 08:00	08/23/23 21:29	75-01-4	
cis-1,2-Dichloroethene	**<11.9**	ug/kg	55.4	11.9	1	08/23/23 08:00	08/23/23 21:29	156-59-2	
cis-1,3-Dichloropropene	**<36.6**	ug/kg	277	36.6	1	08/23/23 08:00	08/23/23 21:29	10061-01-5	
m&p-Xylene	**<23.4**	ug/kg	111	23.4	1	08/23/23 08:00	08/23/23 21:29	179601-23-1	
n-Butylbenzene	**<25.4**	ug/kg	55.4	25.4	1	08/23/23 08:00	08/23/23 21:29	104-51-8	
n-Propylbenzene	**<13.3**	ug/kg	55.4	13.3	1	08/23/23 08:00	08/23/23 21:29	103-65-1	
o-Xylene	**<16.6**	ug/kg	55.4	16.6	1	08/23/23 08:00	08/23/23 21:29	95-47-6	
p-Isopropyltoluene	**<16.8**	ug/kg	55.4	16.8	1	08/23/23 08:00	08/23/23 21:29	99-87-6	
sec-Butylbenzene	**<13.5**	ug/kg	55.4	13.5	1	08/23/23 08:00	08/23/23 21:29	135-98-8	
tert-Butylbenzene	**<17.4**	ug/kg	55.4	17.4	1	08/23/23 08:00	08/23/23 21:29	98-06-6	
trans-1,2-Dichloroethene	**<12.0**	ug/kg	55.4	12.0	1	08/23/23 08:00	08/23/23 21:29	156-60-5	
trans-1,3-Dichloropropene	**<158**	ug/kg	277	158	1	08/23/23 08:00	08/23/23 21:29	10061-02-6	
Surrogates									
Toluene-d8 (S)	104	%	69-153		1	08/23/23 08:00	08/23/23 21:29	2037-26-5	
4-Bromofluorobenzene (S)	101	%	68-156		1	08/23/23 08:00	08/23/23 21:29	460-00-4	
1,2-Dichlorobenzene-d4 (S)	100	%	71-161		1	08/23/23 08:00	08/23/23 21:29	2199-69-1	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**5.1**	%	0.10	0.10	1		08/22/23 16:48		

Sample: GP1-9 **Lab ID: 40267051002** Collected: 08/17/23 08:50 Received: 08/22/23 09:45 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
6010D MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3050B Pace Analytical Services - Green Bay								
Lead	**<0.60**	mg/kg	2.0	0.60	1	08/24/23 06:52	08/24/23 19:01	7439-92-1	
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B Pace Analytical Services - Green Bay								
1,1,1,2-Tetrachloroethane	**<13.0**	ug/kg	54.1	13.0	1	08/23/23 08:00	08/23/23 21:49	630-20-6	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: KT314R PHASE II
Pace Project No.: 40267051

Sample: GP1-9 **Lab ID: 40267051002** Collected: 08/17/23 08:50 Received: 08/22/23 09:45 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 Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B Pace Analytical Services - Green Bay								
1,1,1-Trichloroethane	**<13.8**	ug/kg	54.1	13.8	1	08/23/23 08:00	08/23/23 21:49	71-55-6	
1,1,2,2-Tetrachloroethane	**<19.6**	ug/kg	54.1	19.6	1	08/23/23 08:00	08/23/23 21:49	79-34-5	
1,1,2-Trichloroethane	**<19.7**	ug/kg	54.1	19.7	1	08/23/23 08:00	08/23/23 21:49	79-00-5	
1,1-Dichloroethane	**<13.8**	ug/kg	54.1	13.8	1	08/23/23 08:00	08/23/23 21:49	75-34-3	
1,1-Dichloroethene	**<17.9**	ug/kg	54.1	17.9	1	08/23/23 08:00	08/23/23 21:49	75-35-4	
1,1-Dichloropropene	**<17.5**	ug/kg	54.1	17.5	1	08/23/23 08:00	08/23/23 21:49	563-58-6	
1,2,3-Trichlorobenzene	**<60.2**	ug/kg	270	60.2	1	08/23/23 08:00	08/23/23 21:49	87-61-6	
1,2,3-Trichloropropane	**<26.3**	ug/kg	54.1	26.3	1	08/23/23 08:00	08/23/23 21:49	96-18-4	
1,2,4-Trichlorobenzene	**<44.5**	ug/kg	270	44.5	1	08/23/23 08:00	08/23/23 21:49	120-82-1	
1,2,4-Trimethylbenzene	**<16.1**	ug/kg	54.1	16.1	1	08/23/23 08:00	08/23/23 21:49	95-63-6	
1,2-Dibromo-3-chloropropane	**<42.0**	ug/kg	270	42.0	1	08/23/23 08:00	08/23/23 21:49	96-12-8	
1,2-Dibromoethane (EDB)	**<14.8**	ug/kg	54.1	14.8	1	08/23/23 08:00	08/23/23 21:49	106-93-4	
1,2-Dichlorobenzene	**<16.8**	ug/kg	54.1	16.8	1	08/23/23 08:00	08/23/23 21:49	95-50-1	
1,2-Dichloroethane	**<12.4**	ug/kg	54.1	12.4	1	08/23/23 08:00	08/23/23 21:49	107-06-2	
1,2-Dichloropropane	**<12.9**	ug/kg	54.1	12.9	1	08/23/23 08:00	08/23/23 21:49	78-87-5	
1,3,5-Trimethylbenzene	**<17.4**	ug/kg	54.1	17.4	1	08/23/23 08:00	08/23/23 21:49	108-67-8	
1,3-Dichlorobenzene	**<14.8**	ug/kg	54.1	14.8	1	08/23/23 08:00	08/23/23 21:49	541-73-1	
1,3-Dichloropropane	**<11.8**	ug/kg	54.1	11.8	1	08/23/23 08:00	08/23/23 21:49	142-28-9	
1,4-Dichlorobenzene	**<14.8**	ug/kg	54.1	14.8	1	08/23/23 08:00	08/23/23 21:49	106-46-7	
2,2-Dichloropropane	**<14.6**	ug/kg	54.1	14.6	1	08/23/23 08:00	08/23/23 21:49	594-20-7	
2-Chlorotoluene	**<17.5**	ug/kg	54.1	17.5	1	08/23/23 08:00	08/23/23 21:49	95-49-8	
4-Chlorotoluene	**<20.5**	ug/kg	54.1	20.5	1	08/23/23 08:00	08/23/23 21:49	106-43-4	
Benzene	**<12.9**	ug/kg	21.6	12.9	1	08/23/23 08:00	08/23/23 21:49	71-43-2	
Bromobenzene	**<21.1**	ug/kg	54.1	21.1	1	08/23/23 08:00	08/23/23 21:49	108-86-1	
Bromochloromethane	**<14.8**	ug/kg	54.1	14.8	1	08/23/23 08:00	08/23/23 21:49	74-97-5	
Bromodichloromethane	**<12.9**	ug/kg	54.1	12.9	1	08/23/23 08:00	08/23/23 21:49	75-27-4	
Bromoform	**<238**	ug/kg	270	238	1	08/23/23 08:00	08/23/23 21:49	75-25-2	
Bromomethane	**<75.8**	ug/kg	270	75.8	1	08/23/23 08:00	08/23/23 21:49	74-83-9	
Carbon tetrachloride	**<11.9**	ug/kg	54.1	11.9	1	08/23/23 08:00	08/23/23 21:49	56-23-5	
Chlorobenzene	**<6.5**	ug/kg	54.1	6.5	1	08/23/23 08:00	08/23/23 21:49	108-90-7	
Chloroethane	**<22.8**	ug/kg	270	22.8	1	08/23/23 08:00	08/23/23 21:49	75-00-3	
Chloroform	**<38.7**	ug/kg	270	38.7	1	08/23/23 08:00	08/23/23 21:49	67-66-3	
Chloromethane	**<20.5**	ug/kg	54.1	20.5	1	08/23/23 08:00	08/23/23 21:49	74-87-3	
Dibromochloromethane	**<185**	ug/kg	270	185	1	08/23/23 08:00	08/23/23 21:49	124-48-1	
Dibromomethane	**<16.0**	ug/kg	54.1	16.0	1	08/23/23 08:00	08/23/23 21:49	74-95-3	
Dichlorodifluoromethane	**<23.2**	ug/kg	54.1	23.2	1	08/23/23 08:00	08/23/23 21:49	75-71-8	
Diisopropyl ether	**<13.4**	ug/kg	54.1	13.4	1	08/23/23 08:00	08/23/23 21:49	108-20-3	
Ethylbenzene	**<12.9**	ug/kg	54.1	12.9	1	08/23/23 08:00	08/23/23 21:49	100-41-4	
Hexachloro-1,3-butadiene	**<107**	ug/kg	270	107	1	08/23/23 08:00	08/23/23 21:49	87-68-3	
Isopropylbenzene (Cumene)	**<14.6**	ug/kg	54.1	14.6	1	08/23/23 08:00	08/23/23 21:49	98-82-8	
Methyl-tert-butyl ether	**<15.9**	ug/kg	54.1	15.9	1	08/23/23 08:00	08/23/23 21:49	1634-04-4	
Methylene Chloride	**<15.0**	ug/kg	54.1	15.0	1	08/23/23 08:00	08/23/23 21:49	75-09-2	
Naphthalene	**<16.9**	ug/kg	270	16.9	1	08/23/23 08:00	08/23/23 21:49	91-20-3	
Styrene	**<13.8**	ug/kg	54.1	13.8	1	08/23/23 08:00	08/23/23 21:49	100-42-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: KT314R PHASE II
Pace Project No.: 40267051

Sample: GP1-9 **Lab ID: 40267051002** Collected: 08/17/23 08:50 Received: 08/22/23 09:45 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 Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B Pace Analytical Services - Green Bay								
Tetrachloroethene	**<21.0**	ug/kg	54.1	21.0	1	08/23/23 08:00	08/23/23 21:49	127-18-4	
Toluene	**<13.6**	ug/kg	54.1	13.6	1	08/23/23 08:00	08/23/23 21:49	108-88-3	
Trichloroethene	**<20.2**	ug/kg	54.1	20.2	1	08/23/23 08:00	08/23/23 21:49	79-01-6	
Trichlorofluoromethane	**<15.7**	ug/kg	54.1	15.7	1	08/23/23 08:00	08/23/23 21:49	75-69-4	
Vinyl chloride	**<10.9**	ug/kg	54.1	10.9	1	08/23/23 08:00	08/23/23 21:49	75-01-4	
cis-1,2-Dichloroethene	**<11.6**	ug/kg	54.1	11.6	1	08/23/23 08:00	08/23/23 21:49	156-59-2	
cis-1,3-Dichloropropene	**<35.7**	ug/kg	270	35.7	1	08/23/23 08:00	08/23/23 21:49	10061-01-5	
m&p-Xylene	**<22.8**	ug/kg	108	22.8	1	08/23/23 08:00	08/23/23 21:49	179601-23-1	
n-Butylbenzene	**<24.8**	ug/kg	54.1	24.8	1	08/23/23 08:00	08/23/23 21:49	104-51-8	
n-Propylbenzene	**<13.0**	ug/kg	54.1	13.0	1	08/23/23 08:00	08/23/23 21:49	103-65-1	
o-Xylene	**<16.2**	ug/kg	54.1	16.2	1	08/23/23 08:00	08/23/23 21:49	95-47-6	
p-Isopropyltoluene	**<16.4**	ug/kg	54.1	16.4	1	08/23/23 08:00	08/23/23 21:49	99-87-6	
sec-Butylbenzene	**<13.2**	ug/kg	54.1	13.2	1	08/23/23 08:00	08/23/23 21:49	135-98-8	
tert-Butylbenzene	**<17.0**	ug/kg	54.1	17.0	1	08/23/23 08:00	08/23/23 21:49	98-06-6	
trans-1,2-Dichloroethene	**<11.7**	ug/kg	54.1	11.7	1	08/23/23 08:00	08/23/23 21:49	156-60-5	
trans-1,3-Dichloropropene	**<155**	ug/kg	270	155	1	08/23/23 08:00	08/23/23 21:49	10061-02-6	
Surrogates									
Toluene-d8 (S)	100	%	69-153		1	08/23/23 08:00	08/23/23 21:49	2037-26-5	
4-Bromofluorobenzene (S)	106	%	68-156		1	08/23/23 08:00	08/23/23 21:49	460-00-4	
1,2-Dichlorobenzene-d4 (S)	104	%	71-161		1	08/23/23 08:00	08/23/23 21:49	2199-69-1	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**3.9**	%	0.10	0.10	1		08/22/23 16:48		

Sample: GP2-8 **Lab ID: 40267051003** Collected: 08/17/23 09:20 Received: 08/22/23 09:45 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
6010D MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3050B Pace Analytical Services - Green Bay								
Lead	**0.82J**	mg/kg	1.9	0.58	1	08/24/23 06:52	08/24/23 19:03	7439-92-1	
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B Pace Analytical Services - Green Bay								
1,1,1,2-Tetrachloroethane	**<13.1**	ug/kg	54.4	13.1	1	08/23/23 08:00	08/23/23 22:08	630-20-6	
1,1,1-Trichloroethane	**<13.9**	ug/kg	54.4	13.9	1	08/23/23 08:00	08/23/23 22:08	71-55-6	
1,1,2,2-Tetrachloroethane	**<19.7**	ug/kg	54.4	19.7	1	08/23/23 08:00	08/23/23 22:08	79-34-5	
1,1,2-Trichloroethane	**<19.8**	ug/kg	54.4	19.8	1	08/23/23 08:00	08/23/23 22:08	79-00-5	
1,1-Dichloroethane	**<13.9**	ug/kg	54.4	13.9	1	08/23/23 08:00	08/23/23 22:08	75-34-3	
1,1-Dichloroethene	**<18.1**	ug/kg	54.4	18.1	1	08/23/23 08:00	08/23/23 22:08	75-35-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: KT314R PHASE II
Pace Project No.: 40267051

Sample: GP2-8 **Lab ID: 40267051003** Collected: 08/17/23 09:20 Received: 08/22/23 09:45 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 Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B Pace Analytical Services - Green Bay								
1,1-Dichloropropene	**<17.6**	ug/kg	54.4	17.6	1	08/23/23 08:00	08/23/23 22:08	563-58-6	
1,2,3-Trichlorobenzene	**<60.6**	ug/kg	272	60.6	1	08/23/23 08:00	08/23/23 22:08	87-61-6	
1,2,3-Trichloropropane	**<26.4**	ug/kg	54.4	26.4	1	08/23/23 08:00	08/23/23 22:08	96-18-4	
1,2,4-Trichlorobenzene	**<44.8**	ug/kg	272	44.8	1	08/23/23 08:00	08/23/23 22:08	120-82-1	
1,2,4-Trimethylbenzene	**<16.2**	ug/kg	54.4	16.2	1	08/23/23 08:00	08/23/23 22:08	95-63-6	
1,2-Dibromo-3-chloropropane	**<42.2**	ug/kg	272	42.2	1	08/23/23 08:00	08/23/23 22:08	96-12-8	
1,2-Dibromoethane (EDB)	**<14.9**	ug/kg	54.4	14.9	1	08/23/23 08:00	08/23/23 22:08	106-93-4	
1,2-Dichlorobenzene	**<16.9**	ug/kg	54.4	16.9	1	08/23/23 08:00	08/23/23 22:08	95-50-1	
1,2-Dichloroethane	**<12.5**	ug/kg	54.4	12.5	1	08/23/23 08:00	08/23/23 22:08	107-06-2	
1,2-Dichloropropane	**<12.9**	ug/kg	54.4	12.9	1	08/23/23 08:00	08/23/23 22:08	78-87-5	
1,3,5-Trimethylbenzene	**<17.5**	ug/kg	54.4	17.5	1	08/23/23 08:00	08/23/23 22:08	108-67-8	
1,3-Dichlorobenzene	**<14.9**	ug/kg	54.4	14.9	1	08/23/23 08:00	08/23/23 22:08	541-73-1	
1,3-Dichloropropane	**<11.9**	ug/kg	54.4	11.9	1	08/23/23 08:00	08/23/23 22:08	142-28-9	
1,4-Dichlorobenzene	**<14.9**	ug/kg	54.4	14.9	1	08/23/23 08:00	08/23/23 22:08	106-46-7	
2,2-Dichloropropane	**<14.7**	ug/kg	54.4	14.7	1	08/23/23 08:00	08/23/23 22:08	594-20-7	
2-Chlorotoluene	**<17.6**	ug/kg	54.4	17.6	1	08/23/23 08:00	08/23/23 22:08	95-49-8	
4-Chlorotoluene	**<20.7**	ug/kg	54.4	20.7	1	08/23/23 08:00	08/23/23 22:08	106-43-4	
Benzene	**<12.9**	ug/kg	21.8	12.9	1	08/23/23 08:00	08/23/23 22:08	71-43-2	
Bromobenzene	**<21.2**	ug/kg	54.4	21.2	1	08/23/23 08:00	08/23/23 22:08	108-86-1	
Bromochloromethane	**<14.9**	ug/kg	54.4	14.9	1	08/23/23 08:00	08/23/23 22:08	74-97-5	
Bromodichloromethane	**<12.9**	ug/kg	54.4	12.9	1	08/23/23 08:00	08/23/23 22:08	75-27-4	
Bromoform	**<239**	ug/kg	272	239	1	08/23/23 08:00	08/23/23 22:08	75-25-2	
Bromomethane	**<76.3**	ug/kg	272	76.3	1	08/23/23 08:00	08/23/23 22:08	74-83-9	
Carbon tetrachloride	**<12.0**	ug/kg	54.4	12.0	1	08/23/23 08:00	08/23/23 22:08	56-23-5	
Chlorobenzene	**<6.5**	ug/kg	54.4	6.5	1	08/23/23 08:00	08/23/23 22:08	108-90-7	
Chloroethane	**<23.0**	ug/kg	272	23.0	1	08/23/23 08:00	08/23/23 22:08	75-00-3	
Chloroform	**<38.9**	ug/kg	272	38.9	1	08/23/23 08:00	08/23/23 22:08	67-66-3	
Chloromethane	**<20.7**	ug/kg	54.4	20.7	1	08/23/23 08:00	08/23/23 22:08	74-87-3	
Dibromochloromethane	**<186**	ug/kg	272	186	1	08/23/23 08:00	08/23/23 22:08	124-48-1	
Dibromomethane	**<16.1**	ug/kg	54.4	16.1	1	08/23/23 08:00	08/23/23 22:08	74-95-3	
Dichlorodifluoromethane	**<23.4**	ug/kg	54.4	23.4	1	08/23/23 08:00	08/23/23 22:08	75-71-8	
Diisopropyl ether	**<13.5**	ug/kg	54.4	13.5	1	08/23/23 08:00	08/23/23 22:08	108-20-3	
Ethylbenzene	**<12.9**	ug/kg	54.4	12.9	1	08/23/23 08:00	08/23/23 22:08	100-41-4	
Hexachloro-1,3-butadiene	**<108**	ug/kg	272	108	1	08/23/23 08:00	08/23/23 22:08	87-68-3	
Isopropylbenzene (Cumene)	**<14.7**	ug/kg	54.4	14.7	1	08/23/23 08:00	08/23/23 22:08	98-82-8	
Methyl-tert-butyl ether	**<16.0**	ug/kg	54.4	16.0	1	08/23/23 08:00	08/23/23 22:08	1634-04-4	
Methylene Chloride	**<15.1**	ug/kg	54.4	15.1	1	08/23/23 08:00	08/23/23 22:08	75-09-2	
Naphthalene	**<17.0**	ug/kg	272	17.0	1	08/23/23 08:00	08/23/23 22:08	91-20-3	
Styrene	**<13.9**	ug/kg	54.4	13.9	1	08/23/23 08:00	08/23/23 22:08	100-42-5	
Tetrachloroethene	**<21.1**	ug/kg	54.4	21.1	1	08/23/23 08:00	08/23/23 22:08	127-18-4	
Toluene	**<13.7**	ug/kg	54.4	13.7	1	08/23/23 08:00	08/23/23 22:08	108-88-3	
Trichloroethene	**<20.3**	ug/kg	54.4	20.3	1	08/23/23 08:00	08/23/23 22:08	79-01-6	
Trichlorofluoromethane	**<15.8**	ug/kg	54.4	15.8	1	08/23/23 08:00	08/23/23 22:08	75-69-4	
Vinyl chloride	**<11.0**	ug/kg	54.4	11.0	1	08/23/23 08:00	08/23/23 22:08	75-01-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: KT314R PHASE II
Pace Project No.: 40267051

Sample: GP2-8 **Lab ID: 40267051003** Collected: 08/17/23 09:20 Received: 08/22/23 09:45 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 Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B Pace Analytical Services - Green Bay								
cis-1,2-Dichloroethene	**<11.6**	ug/kg	54.4	11.6	1	08/23/23 08:00	08/23/23 22:08	156-59-2	
cis-1,3-Dichloropropene	**<35.9**	ug/kg	272	35.9	1	08/23/23 08:00	08/23/23 22:08	10061-01-5	
m&p-Xylene	**<23.0**	ug/kg	109	23.0	1	08/23/23 08:00	08/23/23 22:08	179601-23-1	
n-Butylbenzene	**<24.9**	ug/kg	54.4	24.9	1	08/23/23 08:00	08/23/23 22:08	104-51-8	
n-Propylbenzene	**<13.1**	ug/kg	54.4	13.1	1	08/23/23 08:00	08/23/23 22:08	103-65-1	
o-Xylene	**<16.3**	ug/kg	54.4	16.3	1	08/23/23 08:00	08/23/23 22:08	95-47-6	
p-Isopropyltoluene	**<16.5**	ug/kg	54.4	16.5	1	08/23/23 08:00	08/23/23 22:08	99-87-6	
sec-Butylbenzene	**<13.3**	ug/kg	54.4	13.3	1	08/23/23 08:00	08/23/23 22:08	135-98-8	
tert-Butylbenzene	**<17.1**	ug/kg	54.4	17.1	1	08/23/23 08:00	08/23/23 22:08	98-06-6	
trans-1,2-Dichloroethene	**<11.7**	ug/kg	54.4	11.7	1	08/23/23 08:00	08/23/23 22:08	156-60-5	
trans-1,3-Dichloropropene	**<156**	ug/kg	272	156	1	08/23/23 08:00	08/23/23 22:08	10061-02-6	
Surrogates									
Toluene-d8 (S)	99	%	69-153		1	08/23/23 08:00	08/23/23 22:08	2037-26-5	
4-Bromofluorobenzene (S)	103	%	68-156		1	08/23/23 08:00	08/23/23 22:08	460-00-4	
1,2-Dichlorobenzene-d4 (S)	102	%	71-161		1	08/23/23 08:00	08/23/23 22:08	2199-69-1	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**4.2**	%	0.10	0.10	1		08/22/23 16:49		

Sample: GP2-13 **Lab ID: 40267051004** Collected: 08/17/23 09:25 Received: 08/22/23 09:45 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
6010D MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3050B Pace Analytical Services - Green Bay								
Lead	**1.7J**	mg/kg	2.1	0.62	1	08/24/23 06:52	08/24/23 19:04	7439-92-1	
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B Pace Analytical Services - Green Bay								
1,1,1,2-Tetrachloroethane	**<13.1**	ug/kg	54.6	13.1	1	08/23/23 08:00	08/23/23 22:28	630-20-6	
1,1,1-Trichloroethane	**<14.0**	ug/kg	54.6	14.0	1	08/23/23 08:00	08/23/23 22:28	71-55-6	
1,1,2,2-Tetrachloroethane	**<19.8**	ug/kg	54.6	19.8	1	08/23/23 08:00	08/23/23 22:28	79-34-5	
1,1,2-Trichloroethane	**<19.9**	ug/kg	54.6	19.9	1	08/23/23 08:00	08/23/23 22:28	79-00-5	
1,1-Dichloroethane	**<14.0**	ug/kg	54.6	14.0	1	08/23/23 08:00	08/23/23 22:28	75-34-3	
1,1-Dichloroethene	**<18.1**	ug/kg	54.6	18.1	1	08/23/23 08:00	08/23/23 22:28	75-35-4	
1,1-Dichloropropene	**<17.7**	ug/kg	54.6	17.7	1	08/23/23 08:00	08/23/23 22:28	563-58-6	
1,2,3-Trichlorobenzene	**<60.8**	ug/kg	273	60.8	1	08/23/23 08:00	08/23/23 22:28	87-61-6	
1,2,3-Trichloropropane	**<26.5**	ug/kg	54.6	26.5	1	08/23/23 08:00	08/23/23 22:28	96-18-4	
1,2,4-Trichlorobenzene	**<45.0**	ug/kg	273	45.0	1	08/23/23 08:00	08/23/23 22:28	120-82-1	
1,2,4-Trimethylbenzene	**<16.3**	ug/kg	54.6	16.3	1	08/23/23 08:00	08/23/23 22:28	95-63-6	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
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ANALYTICAL RESULTS

Project: KT314R PHASE II
Pace Project No.: 40267051

Sample: GP2-13 **Lab ID: 40267051004** Collected: 08/17/23 09:25 Received: 08/22/23 09:45 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 Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B Pace Analytical Services - Green Bay								
1,2-Dibromo-3-chloropropane	**<42.4**	ug/kg	273	42.4	1	08/23/23 08:00	08/23/23 22:28	96-12-8	
1,2-Dibromoethane (EDB)	**<15.0**	ug/kg	54.6	15.0	1	08/23/23 08:00	08/23/23 22:28	106-93-4	
1,2-Dichlorobenzene	**<16.9**	ug/kg	54.6	16.9	1	08/23/23 08:00	08/23/23 22:28	95-50-1	
1,2-Dichloroethane	**<12.6**	ug/kg	54.6	12.6	1	08/23/23 08:00	08/23/23 22:28	107-06-2	
1,2-Dichloropropane	**<13.0**	ug/kg	54.6	13.0	1	08/23/23 08:00	08/23/23 22:28	78-87-5	
1,3,5-Trimethylbenzene	**<17.6**	ug/kg	54.6	17.6	1	08/23/23 08:00	08/23/23 22:28	108-67-8	
1,3-Dichlorobenzene	**<15.0**	ug/kg	54.6	15.0	1	08/23/23 08:00	08/23/23 22:28	541-73-1	
1,3-Dichloropropane	**<11.9**	ug/kg	54.6	11.9	1	08/23/23 08:00	08/23/23 22:28	142-28-9	
1,4-Dichlorobenzene	**<15.0**	ug/kg	54.6	15.0	1	08/23/23 08:00	08/23/23 22:28	106-46-7	
2,2-Dichloropropane	**<14.7**	ug/kg	54.6	14.7	1	08/23/23 08:00	08/23/23 22:28	594-20-7	
2-Chlorotoluene	**<17.7**	ug/kg	54.6	17.7	1	08/23/23 08:00	08/23/23 22:28	95-49-8	
4-Chlorotoluene	**<20.7**	ug/kg	54.6	20.7	1	08/23/23 08:00	08/23/23 22:28	106-43-4	
Benzene	**<13.0**	ug/kg	21.8	13.0	1	08/23/23 08:00	08/23/23 22:28	71-43-2	
Bromobenzene	**<21.3**	ug/kg	54.6	21.3	1	08/23/23 08:00	08/23/23 22:28	108-86-1	
Bromochloromethane	**<15.0**	ug/kg	54.6	15.0	1	08/23/23 08:00	08/23/23 22:28	74-97-5	
Bromodichloromethane	**<13.0**	ug/kg	54.6	13.0	1	08/23/23 08:00	08/23/23 22:28	75-27-4	
Bromoform	**<240**	ug/kg	273	240	1	08/23/23 08:00	08/23/23 22:28	75-25-2	
Bromomethane	**<76.5**	ug/kg	273	76.5	1	08/23/23 08:00	08/23/23 22:28	74-83-9	
Carbon tetrachloride	**<12.0**	ug/kg	54.6	12.0	1	08/23/23 08:00	08/23/23 22:28	56-23-5	
Chlorobenzene	**<6.5**	ug/kg	54.6	6.5	1	08/23/23 08:00	08/23/23 22:28	108-90-7	
Chloroethane	**<23.0**	ug/kg	273	23.0	1	08/23/23 08:00	08/23/23 22:28	75-00-3	
Chloroform	**<39.1**	ug/kg	273	39.1	1	08/23/23 08:00	08/23/23 22:28	67-66-3	
Chloromethane	**<20.7**	ug/kg	54.6	20.7	1	08/23/23 08:00	08/23/23 22:28	74-87-3	
Dibromochloromethane	**<187**	ug/kg	273	187	1	08/23/23 08:00	08/23/23 22:28	124-48-1	
Dibromomethane	**<16.2**	ug/kg	54.6	16.2	1	08/23/23 08:00	08/23/23 22:28	74-95-3	
Dichlorodifluoromethane	**<23.5**	ug/kg	54.6	23.5	1	08/23/23 08:00	08/23/23 22:28	75-71-8	
Diisopropyl ether	**<13.5**	ug/kg	54.6	13.5	1	08/23/23 08:00	08/23/23 22:28	108-20-3	
Ethylbenzene	**<13.0**	ug/kg	54.6	13.0	1	08/23/23 08:00	08/23/23 22:28	100-41-4	
Hexachloro-1,3-butadiene	**<109**	ug/kg	273	109	1	08/23/23 08:00	08/23/23 22:28	87-68-3	
Isopropylbenzene (Cumene)	**<14.7**	ug/kg	54.6	14.7	1	08/23/23 08:00	08/23/23 22:28	98-82-8	
Methyl-tert-butyl ether	**<16.1**	ug/kg	54.6	16.1	1	08/23/23 08:00	08/23/23 22:28	1634-04-4	
Methylene Chloride	**<15.2**	ug/kg	54.6	15.2	1	08/23/23 08:00	08/23/23 22:28	75-09-2	
Naphthalene	**<17.0**	ug/kg	273	17.0	1	08/23/23 08:00	08/23/23 22:28	91-20-3	
Styrene	**<14.0**	ug/kg	54.6	14.0	1	08/23/23 08:00	08/23/23 22:28	100-42-5	
Tetrachloroethene	**<21.2**	ug/kg	54.6	21.2	1	08/23/23 08:00	08/23/23 22:28	127-18-4	
Toluene	**<13.8**	ug/kg	54.6	13.8	1	08/23/23 08:00	08/23/23 22:28	108-88-3	
Trichloroethene	**<20.4**	ug/kg	54.6	20.4	1	08/23/23 08:00	08/23/23 22:28	79-01-6	
Trichlorofluoromethane	**<15.8**	ug/kg	54.6	15.8	1	08/23/23 08:00	08/23/23 22:28	75-69-4	
Vinyl chloride	**<11.0**	ug/kg	54.6	11.0	1	08/23/23 08:00	08/23/23 22:28	75-01-4	
cis-1,2-Dichloroethene	**<11.7**	ug/kg	54.6	11.7	1	08/23/23 08:00	08/23/23 22:28	156-59-2	
cis-1,3-Dichloropropene	**<36.0**	ug/kg	273	36.0	1	08/23/23 08:00	08/23/23 22:28	10061-01-5	
m&p-Xylene	**<23.0**	ug/kg	109	23.0	1	08/23/23 08:00	08/23/23 22:28	179601-23-1	
n-Butylbenzene	**<25.0**	ug/kg	54.6	25.0	1	08/23/23 08:00	08/23/23 22:28	104-51-8	
n-Propylbenzene	**<13.1**	ug/kg	54.6	13.1	1	08/23/23 08:00	08/23/23 22:28	103-65-1	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: KT314R PHASE II
Pace Project No.: 40267051

Sample: GP2-13 **Lab ID: 40267051004** Collected: 08/17/23 09:25 Received: 08/22/23 09:45 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 Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B Pace Analytical Services - Green Bay								
o-Xylene	**<16.4**	ug/kg	54.6	16.4	1	08/23/23 08:00	08/23/23 22:28	95-47-6	
p-Isopropyltoluene	**<16.6**	ug/kg	54.6	16.6	1	08/23/23 08:00	08/23/23 22:28	99-87-6	
sec-Butylbenzene	**<13.3**	ug/kg	54.6	13.3	1	08/23/23 08:00	08/23/23 22:28	135-98-8	
tert-Butylbenzene	**<17.1**	ug/kg	54.6	17.1	1	08/23/23 08:00	08/23/23 22:28	98-06-6	
trans-1,2-Dichloroethene	**<11.8**	ug/kg	54.6	11.8	1	08/23/23 08:00	08/23/23 22:28	156-60-5	
trans-1,3-Dichloropropene	**<156**	ug/kg	273	156	1	08/23/23 08:00	08/23/23 22:28	10061-02-6	
Surrogates									
Toluene-d8 (S)	104	%	69-153		1	08/23/23 08:00	08/23/23 22:28	2037-26-5	
4-Bromofluorobenzene (S)	110	%	68-156		1	08/23/23 08:00	08/23/23 22:28	460-00-4	
1,2-Dichlorobenzene-d4 (S)	108	%	71-161		1	08/23/23 08:00	08/23/23 22:28	2199-69-1	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**4.4**	%	0.10	0.10	1		08/22/23 16:48		

Sample: GP3-1 **Lab ID: 40267051005** Collected: 08/17/23 09:42 Received: 08/22/23 09:45 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
6010D MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3050B Pace Analytical Services - Green Bay								
Lead	**11.6**	mg/kg	2.1	0.64	1	08/24/23 06:52	08/24/23 19:06	7439-92-1	
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B Pace Analytical Services - Green Bay								
1,1,1,2-Tetrachloroethane	**<14.2**	ug/kg	59.2	14.2	1	08/23/23 08:00	08/23/23 22:47	630-20-6	
1,1,1-Trichloroethane	**<15.2**	ug/kg	59.2	15.2	1	08/23/23 08:00	08/23/23 22:47	71-55-6	
1,1,2,2-Tetrachloroethane	**<21.4**	ug/kg	59.2	21.4	1	08/23/23 08:00	08/23/23 22:47	79-34-5	
1,1,2-Trichloroethane	**<21.6**	ug/kg	59.2	21.6	1	08/23/23 08:00	08/23/23 22:47	79-00-5	
1,1-Dichloroethane	**<15.2**	ug/kg	59.2	15.2	1	08/23/23 08:00	08/23/23 22:47	75-34-3	
1,1-Dichloroethene	**<19.7**	ug/kg	59.2	19.7	1	08/23/23 08:00	08/23/23 22:47	75-35-4	
1,1-Dichloropropene	**<19.2**	ug/kg	59.2	19.2	1	08/23/23 08:00	08/23/23 22:47	563-58-6	
1,2,3-Trichlorobenzene	**<66.0**	ug/kg	296	66.0	1	08/23/23 08:00	08/23/23 22:47	87-61-6	
1,2,3-Trichloropropane	**<28.8**	ug/kg	59.2	28.8	1	08/23/23 08:00	08/23/23 22:47	96-18-4	
1,2,4-Trichlorobenzene	**<48.8**	ug/kg	296	48.8	1	08/23/23 08:00	08/23/23 22:47	120-82-1	
1,2,4-Trimethylbenzene	**60.5**	ug/kg	59.2	17.6	1	08/23/23 08:00	08/23/23 22:47	95-63-6	
1,2-Dibromo-3-chloropropane	**<46.0**	ug/kg	296	46.0	1	08/23/23 08:00	08/23/23 22:47	96-12-8	
1,2-Dibromoethane (EDB)	**<16.2**	ug/kg	59.2	16.2	1	08/23/23 08:00	08/23/23 22:47	106-93-4	
1,2-Dichlorobenzene	**<18.4**	ug/kg	59.2	18.4	1	08/23/23 08:00	08/23/23 22:47	95-50-1	
1,2-Dichloroethane	**<13.6**	ug/kg	59.2	13.6	1	08/23/23 08:00	08/23/23 22:47	107-06-2	
1,2-Dichloropropane	**<14.1**	ug/kg	59.2	14.1	1	08/23/23 08:00	08/23/23 22:47	78-87-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: KT314R PHASE II
Pace Project No.: 40267051

Sample: GP3-1 **Lab ID: 40267051005** Collected: 08/17/23 09:42 Received: 08/22/23 09:45 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 Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B Pace Analytical Services - Green Bay								
1,3,5-Trimethylbenzene	**<19.1**	ug/kg	59.2	19.1	1	08/23/23 08:00	08/23/23 22:47	108-67-8	
1,3-Dichlorobenzene	**<16.2**	ug/kg	59.2	16.2	1	08/23/23 08:00	08/23/23 22:47	541-73-1	
1,3-Dichloropropane	**<12.9**	ug/kg	59.2	12.9	1	08/23/23 08:00	08/23/23 22:47	142-28-9	
1,4-Dichlorobenzene	**<16.2**	ug/kg	59.2	16.2	1	08/23/23 08:00	08/23/23 22:47	106-46-7	
2,2-Dichloropropane	**<16.0**	ug/kg	59.2	16.0	1	08/23/23 08:00	08/23/23 22:47	594-20-7	
2-Chlorotoluene	**<19.2**	ug/kg	59.2	19.2	1	08/23/23 08:00	08/23/23 22:47	95-49-8	
4-Chlorotoluene	**<22.5**	ug/kg	59.2	22.5	1	08/23/23 08:00	08/23/23 22:47	106-43-4	
Benzene	**<14.1**	ug/kg	23.7	14.1	1	08/23/23 08:00	08/23/23 22:47	71-43-2	
Bromobenzene	**<23.1**	ug/kg	59.2	23.1	1	08/23/23 08:00	08/23/23 22:47	108-86-1	
Bromochloromethane	**<16.2**	ug/kg	59.2	16.2	1	08/23/23 08:00	08/23/23 22:47	74-97-5	
Bromodichloromethane	**<14.1**	ug/kg	59.2	14.1	1	08/23/23 08:00	08/23/23 22:47	75-27-4	
Bromoform	**<261**	ug/kg	296	261	1	08/23/23 08:00	08/23/23 22:47	75-25-2	
Bromomethane	**<83.0**	ug/kg	296	83.0	1	08/23/23 08:00	08/23/23 22:47	74-83-9	
Carbon tetrachloride	**<13.0**	ug/kg	59.2	13.0	1	08/23/23 08:00	08/23/23 22:47	56-23-5	
Chlorobenzene	**<7.1**	ug/kg	59.2	7.1	1	08/23/23 08:00	08/23/23 22:47	108-90-7	
Chloroethane	**<25.0**	ug/kg	296	25.0	1	08/23/23 08:00	08/23/23 22:47	75-00-3	
Chloroform	**<42.4**	ug/kg	296	42.4	1	08/23/23 08:00	08/23/23 22:47	67-66-3	
Chloromethane	**<22.5**	ug/kg	59.2	22.5	1	08/23/23 08:00	08/23/23 22:47	74-87-3	
Dibromochloromethane	**<202**	ug/kg	296	202	1	08/23/23 08:00	08/23/23 22:47	124-48-1	
Dibromomethane	**<17.5**	ug/kg	59.2	17.5	1	08/23/23 08:00	08/23/23 22:47	74-95-3	
Dichlorodifluoromethane	**<25.5**	ug/kg	59.2	25.5	1	08/23/23 08:00	08/23/23 22:47	75-71-8	
Diisopropyl ether	**<14.7**	ug/kg	59.2	14.7	1	08/23/23 08:00	08/23/23 22:47	108-20-3	
Ethylbenzene	**<14.1**	ug/kg	59.2	14.1	1	08/23/23 08:00	08/23/23 22:47	100-41-4	
Hexachloro-1,3-butadiene	**<118**	ug/kg	296	118	1	08/23/23 08:00	08/23/23 22:47	87-68-3	
Isopropylbenzene (Cumene)	**<16.0**	ug/kg	59.2	16.0	1	08/23/23 08:00	08/23/23 22:47	98-82-8	
Methyl-tert-butyl ether	**<17.4**	ug/kg	59.2	17.4	1	08/23/23 08:00	08/23/23 22:47	1634-04-4	
Methylene Chloride	**<16.5**	ug/kg	59.2	16.5	1	08/23/23 08:00	08/23/23 22:47	75-09-2	
Naphthalene	**<18.5**	ug/kg	296	18.5	1	08/23/23 08:00	08/23/23 22:47	91-20-3	
Styrene	**<15.2**	ug/kg	59.2	15.2	1	08/23/23 08:00	08/23/23 22:47	100-42-5	
Tetrachloroethene	**<23.0**	ug/kg	59.2	23.0	1	08/23/23 08:00	08/23/23 22:47	127-18-4	
Toluene	**<14.9**	ug/kg	59.2	14.9	1	08/23/23 08:00	08/23/23 22:47	108-88-3	
Trichloroethene	**<22.1**	ug/kg	59.2	22.1	1	08/23/23 08:00	08/23/23 22:47	79-01-6	
Trichlorofluoromethane	**<17.2**	ug/kg	59.2	17.2	1	08/23/23 08:00	08/23/23 22:47	75-69-4	
Vinyl chloride	**<12.0**	ug/kg	59.2	12.0	1	08/23/23 08:00	08/23/23 22:47	75-01-4	
cis-1,2-Dichloroethene	**<12.7**	ug/kg	59.2	12.7	1	08/23/23 08:00	08/23/23 22:47	156-59-2	
cis-1,3-Dichloropropene	**<39.1**	ug/kg	296	39.1	1	08/23/23 08:00	08/23/23 22:47	10061-01-5	
m&p-Xylene	**<25.0**	ug/kg	118	25.0	1	08/23/23 08:00	08/23/23 22:47	179601-23-1	
n-Butylbenzene	**<27.1**	ug/kg	59.2	27.1	1	08/23/23 08:00	08/23/23 22:47	104-51-8	
n-Propylbenzene	**<14.2**	ug/kg	59.2	14.2	1	08/23/23 08:00	08/23/23 22:47	103-65-1	
o-Xylene	**<17.8**	ug/kg	59.2	17.8	1	08/23/23 08:00	08/23/23 22:47	95-47-6	
p-Isopropyltoluene	**<18.0**	ug/kg	59.2	18.0	1	08/23/23 08:00	08/23/23 22:47	99-87-6	
sec-Butylbenzene	**<14.4**	ug/kg	59.2	14.4	1	08/23/23 08:00	08/23/23 22:47	135-98-8	
tert-Butylbenzene	**<18.6**	ug/kg	59.2	18.6	1	08/23/23 08:00	08/23/23 22:47	98-06-6	
trans-1,2-Dichloroethene	**<12.8**	ug/kg	59.2	12.8	1	08/23/23 08:00	08/23/23 22:47	156-60-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: KT314R PHASE II
Pace Project No.: 40267051

Sample: GP3-1 **Lab ID: 40267051005** Collected: 08/17/23 09:42 Received: 08/22/23 09:45 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 Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B Pace Analytical Services - Green Bay								
trans-1,3-Dichloropropene	**<169**	ug/kg	296	169	1	08/23/23 08:00	08/23/23 22:47	10061-02-6	
Surrogates									
Toluene-d8 (S)	108	%	69-153		1	08/23/23 08:00	08/23/23 22:47	2037-26-5	
4-Bromofluorobenzene (S)	113	%	68-156		1	08/23/23 08:00	08/23/23 22:47	460-00-4	
1,2-Dichlorobenzene-d4 (S)	114	%	71-161		1	08/23/23 08:00	08/23/23 22:47	2199-69-1	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**8.4**	%	0.10	0.10	1		08/22/23 16:49		

Sample: GP3-4 **Lab ID: 40267051006** Collected: 08/17/23 09:45 Received: 08/22/23 09:45 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
6010D MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3050B Pace Analytical Services - Green Bay								
Lead	**1.3J**	mg/kg	2.1	0.64	1	08/24/23 06:52	08/24/23 19:08	7439-92-1	
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B Pace Analytical Services - Green Bay								
1,1,1,2-Tetrachloroethane	**<13.6**	ug/kg	56.7	13.6	1	08/23/23 08:00	08/23/23 23:07	630-20-6	
1,1,1-Trichloroethane	**<14.5**	ug/kg	56.7	14.5	1	08/23/23 08:00	08/23/23 23:07	71-55-6	
1,1,2,2-Tetrachloroethane	**<20.5**	ug/kg	56.7	20.5	1	08/23/23 08:00	08/23/23 23:07	79-34-5	
1,1,2-Trichloroethane	**<20.6**	ug/kg	56.7	20.6	1	08/23/23 08:00	08/23/23 23:07	79-00-5	
1,1-Dichloroethane	**<14.5**	ug/kg	56.7	14.5	1	08/23/23 08:00	08/23/23 23:07	75-34-3	
1,1-Dichloroethene	**<18.8**	ug/kg	56.7	18.8	1	08/23/23 08:00	08/23/23 23:07	75-35-4	
1,1-Dichloropropene	**<18.4**	ug/kg	56.7	18.4	1	08/23/23 08:00	08/23/23 23:07	563-58-6	
1,2,3-Trichlorobenzene	**<63.2**	ug/kg	284	63.2	1	08/23/23 08:00	08/23/23 23:07	87-61-6	
1,2,3-Trichloropropane	**<27.6**	ug/kg	56.7	27.6	1	08/23/23 08:00	08/23/23 23:07	96-18-4	
1,2,4-Trichlorobenzene	**<46.7**	ug/kg	284	46.7	1	08/23/23 08:00	08/23/23 23:07	120-82-1	
1,2,4-Trimethylbenzene	**<16.9**	ug/kg	56.7	16.9	1	08/23/23 08:00	08/23/23 23:07	95-63-6	
1,2-Dibromo-3-chloropropane	**<44.0**	ug/kg	284	44.0	1	08/23/23 08:00	08/23/23 23:07	96-12-8	
1,2-Dibromoethane (EDB)	**<15.5**	ug/kg	56.7	15.5	1	08/23/23 08:00	08/23/23 23:07	106-93-4	
1,2-Dichlorobenzene	**<17.6**	ug/kg	56.7	17.6	1	08/23/23 08:00	08/23/23 23:07	95-50-1	
1,2-Dichloroethane	**<13.0**	ug/kg	56.7	13.0	1	08/23/23 08:00	08/23/23 23:07	107-06-2	
1,2-Dichloropropane	**<13.5**	ug/kg	56.7	13.5	1	08/23/23 08:00	08/23/23 23:07	78-87-5	
1,3,5-Trimethylbenzene	**<18.3**	ug/kg	56.7	18.3	1	08/23/23 08:00	08/23/23 23:07	108-67-8	
1,3-Dichlorobenzene	**<15.5**	ug/kg	56.7	15.5	1	08/23/23 08:00	08/23/23 23:07	541-73-1	
1,3-Dichloropropane	**<12.4**	ug/kg	56.7	12.4	1	08/23/23 08:00	08/23/23 23:07	142-28-9	
1,4-Dichlorobenzene	**<15.5**	ug/kg	56.7	15.5	1	08/23/23 08:00	08/23/23 23:07	106-46-7	
2,2-Dichloropropane	**<15.3**	ug/kg	56.7	15.3	1	08/23/23 08:00	08/23/23 23:07	594-20-7	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: KT314R PHASE II
Pace Project No.: 40267051

Sample: GP3-4 **Lab ID: 40267051006** Collected: 08/17/23 09:45 Received: 08/22/23 09:45 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 Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B Pace Analytical Services - Green Bay								
2-Chlorotoluene	**<18.4**	ug/kg	56.7	18.4	1	08/23/23 08:00	08/23/23 23:07	95-49-8	
4-Chlorotoluene	**<21.6**	ug/kg	56.7	21.6	1	08/23/23 08:00	08/23/23 23:07	106-43-4	
Benzene	**<13.5**	ug/kg	22.7	13.5	1	08/23/23 08:00	08/23/23 23:07	71-43-2	
Bromobenzene	**<22.1**	ug/kg	56.7	22.1	1	08/23/23 08:00	08/23/23 23:07	108-86-1	
Bromochloromethane	**<15.5**	ug/kg	56.7	15.5	1	08/23/23 08:00	08/23/23 23:07	74-97-5	
Bromodichloromethane	**<13.5**	ug/kg	56.7	13.5	1	08/23/23 08:00	08/23/23 23:07	75-27-4	
Bromoform	**<250**	ug/kg	284	250	1	08/23/23 08:00	08/23/23 23:07	75-25-2	
Bromomethane	**<79.5**	ug/kg	284	79.5	1	08/23/23 08:00	08/23/23 23:07	74-83-9	
Carbon tetrachloride	**<12.5**	ug/kg	56.7	12.5	1	08/23/23 08:00	08/23/23 23:07	56-23-5	
Chlorobenzene	**<6.8**	ug/kg	56.7	6.8	1	08/23/23 08:00	08/23/23 23:07	108-90-7	
Chloroethane	**<23.9**	ug/kg	284	23.9	1	08/23/23 08:00	08/23/23 23:07	75-00-3	
Chloroform	**<40.6**	ug/kg	284	40.6	1	08/23/23 08:00	08/23/23 23:07	67-66-3	
Chloromethane	**<21.6**	ug/kg	56.7	21.6	1	08/23/23 08:00	08/23/23 23:07	74-87-3	
Dibromochloromethane	**<194**	ug/kg	284	194	1	08/23/23 08:00	08/23/23 23:07	124-48-1	
Dibromomethane	**<16.8**	ug/kg	56.7	16.8	1	08/23/23 08:00	08/23/23 23:07	74-95-3	
Dichlorodifluoromethane	**<24.4**	ug/kg	56.7	24.4	1	08/23/23 08:00	08/23/23 23:07	75-71-8	
Diisopropyl ether	**<14.1**	ug/kg	56.7	14.1	1	08/23/23 08:00	08/23/23 23:07	108-20-3	
Ethylbenzene	**<13.5**	ug/kg	56.7	13.5	1	08/23/23 08:00	08/23/23 23:07	100-41-4	
Hexachloro-1,3-butadiene	**<113**	ug/kg	284	113	1	08/23/23 08:00	08/23/23 23:07	87-68-3	
Isopropylbenzene (Cumene)	**<15.3**	ug/kg	56.7	15.3	1	08/23/23 08:00	08/23/23 23:07	98-82-8	
Methyl-tert-butyl ether	**<16.7**	ug/kg	56.7	16.7	1	08/23/23 08:00	08/23/23 23:07	1634-04-4	
Methylene Chloride	**<15.8**	ug/kg	56.7	15.8	1	08/23/23 08:00	08/23/23 23:07	75-09-2	
Naphthalene	**<17.7**	ug/kg	284	17.7	1	08/23/23 08:00	08/23/23 23:07	91-20-3	
Styrene	**<14.5**	ug/kg	56.7	14.5	1	08/23/23 08:00	08/23/23 23:07	100-42-5	
Tetrachloroethene	**<22.0**	ug/kg	56.7	22.0	1	08/23/23 08:00	08/23/23 23:07	127-18-4	
Toluene	**<14.3**	ug/kg	56.7	14.3	1	08/23/23 08:00	08/23/23 23:07	108-88-3	
Trichloroethene	**<21.2**	ug/kg	56.7	21.2	1	08/23/23 08:00	08/23/23 23:07	79-01-6	
Trichlorofluoromethane	**<16.4**	ug/kg	56.7	16.4	1	08/23/23 08:00	08/23/23 23:07	75-69-4	
Vinyl chloride	**<11.5**	ug/kg	56.7	11.5	1	08/23/23 08:00	08/23/23 23:07	75-01-4	
cis-1,2-Dichloroethene	**<12.1**	ug/kg	56.7	12.1	1	08/23/23 08:00	08/23/23 23:07	156-59-2	
cis-1,3-Dichloropropene	**<37.4**	ug/kg	284	37.4	1	08/23/23 08:00	08/23/23 23:07	10061-01-5	
m&p-Xylene	**<23.9**	ug/kg	113	23.9	1	08/23/23 08:00	08/23/23 23:07	179601-23-1	
n-Butylbenzene	**<26.0**	ug/kg	56.7	26.0	1	08/23/23 08:00	08/23/23 23:07	104-51-8	
n-Propylbenzene	**<13.6**	ug/kg	56.7	13.6	1	08/23/23 08:00	08/23/23 23:07	103-65-1	
o-Xylene	**<17.0**	ug/kg	56.7	17.0	1	08/23/23 08:00	08/23/23 23:07	95-47-6	
p-Isopropyltoluene	**<17.2**	ug/kg	56.7	17.2	1	08/23/23 08:00	08/23/23 23:07	99-87-6	
sec-Butylbenzene	**<13.8**	ug/kg	56.7	13.8	1	08/23/23 08:00	08/23/23 23:07	135-98-8	
tert-Butylbenzene	**<17.8**	ug/kg	56.7	17.8	1	08/23/23 08:00	08/23/23 23:07	98-06-6	
trans-1,2-Dichloroethene	**<12.3**	ug/kg	56.7	12.3	1	08/23/23 08:00	08/23/23 23:07	156-60-5	
trans-1,3-Dichloropropene	**<162**	ug/kg	284	162	1	08/23/23 08:00	08/23/23 23:07	10061-02-6	
Surrogates									
Toluene-d8 (S)	101	%	69-153		1	08/23/23 08:00	08/23/23 23:07	2037-26-5	
4-Bromofluorobenzene (S)	104	%	68-156		1	08/23/23 08:00	08/23/23 23:07	460-00-4	
1,2-Dichlorobenzene-d4 (S)	103	%	71-161		1	08/23/23 08:00	08/23/23 23:07	2199-69-1	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: KT314R PHASE II
Pace Project No.: 40267051

Sample: GP3-4 **Lab ID: 40267051006** Collected: 08/17/23 09:45 Received: 08/22/23 09:45 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
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**6.3**	%	0.10	0.10	1		08/22/23 16:49		

Sample: GP3-13 **Lab ID: 40267051007** Collected: 08/17/23 10:05 Received: 08/22/23 09:45 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
6010D MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3050B Pace Analytical Services - Green Bay								
Lead	**0.90J**	mg/kg	2.0	0.60	1	08/24/23 06:52	08/24/23 19:10	7439-92-1	
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B Pace Analytical Services - Green Bay								
1,1,1,2-Tetrachloroethane	**<12.9**	ug/kg	53.7	12.9	1	08/23/23 08:00	08/23/23 23:27	630-20-6	
1,1,1-Trichloroethane	**<13.8**	ug/kg	53.7	13.8	1	08/23/23 08:00	08/23/23 23:27	71-55-6	
1,1,2,2-Tetrachloroethane	**<19.4**	ug/kg	53.7	19.4	1	08/23/23 08:00	08/23/23 23:27	79-34-5	
1,1,2-Trichloroethane	**<19.6**	ug/kg	53.7	19.6	1	08/23/23 08:00	08/23/23 23:27	79-00-5	
1,1-Dichloroethane	**<13.8**	ug/kg	53.7	13.8	1	08/23/23 08:00	08/23/23 23:27	75-34-3	
1,1-Dichloroethene	**<17.8**	ug/kg	53.7	17.8	1	08/23/23 08:00	08/23/23 23:27	75-35-4	
1,1-Dichloropropene	**<17.4**	ug/kg	53.7	17.4	1	08/23/23 08:00	08/23/23 23:27	563-58-6	
1,2,3-Trichlorobenzene	**<59.8**	ug/kg	269	59.8	1	08/23/23 08:00	08/23/23 23:27	87-61-6	
1,2,3-Trichloropropane	**<26.1**	ug/kg	53.7	26.1	1	08/23/23 08:00	08/23/23 23:27	96-18-4	
1,2,4-Trichlorobenzene	**<44.3**	ug/kg	269	44.3	1	08/23/23 08:00	08/23/23 23:27	120-82-1	
1,2,4-Trimethylbenzene	**<16.0**	ug/kg	53.7	16.0	1	08/23/23 08:00	08/23/23 23:27	95-63-6	
1,2-Dibromo-3-chloropropane	**<41.7**	ug/kg	269	41.7	1	08/23/23 08:00	08/23/23 23:27	96-12-8	
1,2-Dibromoethane (EDB)	**<14.7**	ug/kg	53.7	14.7	1	08/23/23 08:00	08/23/23 23:27	106-93-4	
1,2-Dichlorobenzene	**<16.7**	ug/kg	53.7	16.7	1	08/23/23 08:00	08/23/23 23:27	95-50-1	
1,2-Dichloroethane	**<12.4**	ug/kg	53.7	12.4	1	08/23/23 08:00	08/23/23 23:27	107-06-2	
1,2-Dichloropropane	**<12.8**	ug/kg	53.7	12.8	1	08/23/23 08:00	08/23/23 23:27	78-87-5	
1,3,5-Trimethylbenzene	**<17.3**	ug/kg	53.7	17.3	1	08/23/23 08:00	08/23/23 23:27	108-67-8	
1,3-Dichlorobenzene	**<14.7**	ug/kg	53.7	14.7	1	08/23/23 08:00	08/23/23 23:27	541-73-1	
1,3-Dichloropropane	**<11.7**	ug/kg	53.7	11.7	1	08/23/23 08:00	08/23/23 23:27	142-28-9	
1,4-Dichlorobenzene	**<14.7**	ug/kg	53.7	14.7	1	08/23/23 08:00	08/23/23 23:27	106-46-7	
2,2-Dichloropropane	**<14.5**	ug/kg	53.7	14.5	1	08/23/23 08:00	08/23/23 23:27	594-20-7	
2-Chlorotoluene	**<17.4**	ug/kg	53.7	17.4	1	08/23/23 08:00	08/23/23 23:27	95-49-8	
4-Chlorotoluene	**<20.4**	ug/kg	53.7	20.4	1	08/23/23 08:00	08/23/23 23:27	106-43-4	
Benzene	**<12.8**	ug/kg	21.5	12.8	1	08/23/23 08:00	08/23/23 23:27	71-43-2	
Bromobenzene	**<21.0**	ug/kg	53.7	21.0	1	08/23/23 08:00	08/23/23 23:27	108-86-1	
Bromochloromethane	**<14.7**	ug/kg	53.7	14.7	1	08/23/23 08:00	08/23/23 23:27	74-97-5	
Bromodichloromethane	**<12.8**	ug/kg	53.7	12.8	1	08/23/23 08:00	08/23/23 23:27	75-27-4	
Bromoform	**<236**	ug/kg	269	236	1	08/23/23 08:00	08/23/23 23:27	75-25-2	
Bromomethane	**<75.3**	ug/kg	269	75.3	1	08/23/23 08:00	08/23/23 23:27	74-83-9	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: KT314R PHASE II
Pace Project No.: 40267051

Sample: GP3-13 **Lab ID: 40267051007** Collected: 08/17/23 10:05 Received: 08/22/23 09:45 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 Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B Pace Analytical Services - Green Bay								
Carbon tetrachloride	**<11.8**	ug/kg	53.7	11.8	1	08/23/23 08:00	08/23/23 23:27	56-23-5	
Chlorobenzene	**<6.4**	ug/kg	53.7	6.4	1	08/23/23 08:00	08/23/23 23:27	108-90-7	
Chloroethane	**<22.7**	ug/kg	269	22.7	1	08/23/23 08:00	08/23/23 23:27	75-00-3	
Chloroform	**<38.5**	ug/kg	269	38.5	1	08/23/23 08:00	08/23/23 23:27	67-66-3	
Chloromethane	**<20.4**	ug/kg	53.7	20.4	1	08/23/23 08:00	08/23/23 23:27	74-87-3	
Dibromochloromethane	**<184**	ug/kg	269	184	1	08/23/23 08:00	08/23/23 23:27	124-48-1	
Dibromomethane	**<15.9**	ug/kg	53.7	15.9	1	08/23/23 08:00	08/23/23 23:27	74-95-3	
Dichlorodifluoromethane	**<23.1**	ug/kg	53.7	23.1	1	08/23/23 08:00	08/23/23 23:27	75-71-8	
Diisopropyl ether	**<13.3**	ug/kg	53.7	13.3	1	08/23/23 08:00	08/23/23 23:27	108-20-3	
Ethylbenzene	**<12.8**	ug/kg	53.7	12.8	1	08/23/23 08:00	08/23/23 23:27	100-41-4	
Hexachloro-1,3-butadiene	**<107**	ug/kg	269	107	1	08/23/23 08:00	08/23/23 23:27	87-68-3	
Isopropylbenzene (Cumene)	**<14.5**	ug/kg	53.7	14.5	1	08/23/23 08:00	08/23/23 23:27	98-82-8	
Methyl-tert-butyl ether	**<15.8**	ug/kg	53.7	15.8	1	08/23/23 08:00	08/23/23 23:27	1634-04-4	
Methylene Chloride	**<14.9**	ug/kg	53.7	14.9	1	08/23/23 08:00	08/23/23 23:27	75-09-2	
Naphthalene	**<16.8**	ug/kg	269	16.8	1	08/23/23 08:00	08/23/23 23:27	91-20-3	
Styrene	**<13.8**	ug/kg	53.7	13.8	1	08/23/23 08:00	08/23/23 23:27	100-42-5	
Tetrachloroethene	**<20.8**	ug/kg	53.7	20.8	1	08/23/23 08:00	08/23/23 23:27	127-18-4	
Toluene	**<13.5**	ug/kg	53.7	13.5	1	08/23/23 08:00	08/23/23 23:27	108-88-3	
Trichloroethene	**<20.1**	ug/kg	53.7	20.1	1	08/23/23 08:00	08/23/23 23:27	79-01-6	
Trichlorofluoromethane	**<15.6**	ug/kg	53.7	15.6	1	08/23/23 08:00	08/23/23 23:27	75-69-4	
Vinyl chloride	**<10.9**	ug/kg	53.7	10.9	1	08/23/23 08:00	08/23/23 23:27	75-01-4	
cis-1,2-Dichloroethene	**<11.5**	ug/kg	53.7	11.5	1	08/23/23 08:00	08/23/23 23:27	156-59-2	
cis-1,3-Dichloropropene	**<35.5**	ug/kg	269	35.5	1	08/23/23 08:00	08/23/23 23:27	10061-01-5	
m&p-Xylene	**<22.7**	ug/kg	107	22.7	1	08/23/23 08:00	08/23/23 23:27	179601-23-1	
n-Butylbenzene	**<24.6**	ug/kg	53.7	24.6	1	08/23/23 08:00	08/23/23 23:27	104-51-8	
n-Propylbenzene	**<12.9**	ug/kg	53.7	12.9	1	08/23/23 08:00	08/23/23 23:27	103-65-1	
o-Xylene	**<16.1**	ug/kg	53.7	16.1	1	08/23/23 08:00	08/23/23 23:27	95-47-6	
p-Isopropyltoluene	**<16.3**	ug/kg	53.7	16.3	1	08/23/23 08:00	08/23/23 23:27	99-87-6	
sec-Butylbenzene	**<13.1**	ug/kg	53.7	13.1	1	08/23/23 08:00	08/23/23 23:27	135-98-8	
tert-Butylbenzene	**<16.9**	ug/kg	53.7	16.9	1	08/23/23 08:00	08/23/23 23:27	98-06-6	
trans-1,2-Dichloroethene	**<11.6**	ug/kg	53.7	11.6	1	08/23/23 08:00	08/23/23 23:27	156-60-5	
trans-1,3-Dichloropropene	**<154**	ug/kg	269	154	1	08/23/23 08:00	08/23/23 23:27	10061-02-6	
Surrogates									
Toluene-d8 (S)	103	%	69-153		1	08/23/23 08:00	08/23/23 23:27	2037-26-5	
4-Bromofluorobenzene (S)	106	%	68-156		1	08/23/23 08:00	08/23/23 23:27	460-00-4	
1,2-Dichlorobenzene-d4 (S)	106	%	71-161		1	08/23/23 08:00	08/23/23 23:27	2199-69-1	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**3.6**	%	0.10	0.10	1		08/22/23 16:49		

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: KT314R PHASE II
Pace Project No.: 40267051

Sample: GP4-2 **Lab ID: 40267051008** Collected: 08/17/23 10:24 Received: 08/22/23 09:45 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
6010D MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3050B Pace Analytical Services - Green Bay								
Lead	**3.8**	mg/kg	2.1	0.62	1	08/24/23 06:52	08/24/23 19:12	7439-92-1	
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B Pace Analytical Services - Green Bay								
1,1,1,2-Tetrachloroethane	**<13.4**	ug/kg	56.0	13.4	1	08/23/23 08:00	08/23/23 23:46	630-20-6	
1,1,1-Trichloroethane	**<14.3**	ug/kg	56.0	14.3	1	08/23/23 08:00	08/23/23 23:46	71-55-6	
1,1,2,2-Tetrachloroethane	**<20.3**	ug/kg	56.0	20.3	1	08/23/23 08:00	08/23/23 23:46	79-34-5	
1,1,2-Trichloroethane	**<20.4**	ug/kg	56.0	20.4	1	08/23/23 08:00	08/23/23 23:46	79-00-5	
1,1-Dichloroethane	**<14.3**	ug/kg	56.0	14.3	1	08/23/23 08:00	08/23/23 23:46	75-34-3	
1,1-Dichloroethene	**<18.6**	ug/kg	56.0	18.6	1	08/23/23 08:00	08/23/23 23:46	75-35-4	
1,1-Dichloropropene	**<18.1**	ug/kg	56.0	18.1	1	08/23/23 08:00	08/23/23 23:46	563-58-6	
1,2,3-Trichlorobenzene	**<62.4**	ug/kg	280	62.4	1	08/23/23 08:00	08/23/23 23:46	87-61-6	
1,2,3-Trichloropropane	**<27.2**	ug/kg	56.0	27.2	1	08/23/23 08:00	08/23/23 23:46	96-18-4	
1,2,4-Trichlorobenzene	**<46.1**	ug/kg	280	46.1	1	08/23/23 08:00	08/23/23 23:46	120-82-1	
1,2,4-Trimethylbenzene	**<16.7**	ug/kg	56.0	16.7	1	08/23/23 08:00	08/23/23 23:46	95-63-6	
1,2-Dibromo-3-chloropropane	**<43.4**	ug/kg	280	43.4	1	08/23/23 08:00	08/23/23 23:46	96-12-8	
1,2-Dibromoethane (EDB)	**<15.3**	ug/kg	56.0	15.3	1	08/23/23 08:00	08/23/23 23:46	106-93-4	
1,2-Dichlorobenzene	**<17.4**	ug/kg	56.0	17.4	1	08/23/23 08:00	08/23/23 23:46	95-50-1	
1,2-Dichloroethane	**<12.9**	ug/kg	56.0	12.9	1	08/23/23 08:00	08/23/23 23:46	107-06-2	
1,2-Dichloropropane	**<13.3**	ug/kg	56.0	13.3	1	08/23/23 08:00	08/23/23 23:46	78-87-5	
1,3,5-Trimethylbenzene	**<18.0**	ug/kg	56.0	18.0	1	08/23/23 08:00	08/23/23 23:46	108-67-8	
1,3-Dichlorobenzene	**<15.3**	ug/kg	56.0	15.3	1	08/23/23 08:00	08/23/23 23:46	541-73-1	
1,3-Dichloropropane	**<12.2**	ug/kg	56.0	12.2	1	08/23/23 08:00	08/23/23 23:46	142-28-9	
1,4-Dichlorobenzene	**<15.3**	ug/kg	56.0	15.3	1	08/23/23 08:00	08/23/23 23:46	106-46-7	
2,2-Dichloropropane	**<15.1**	ug/kg	56.0	15.1	1	08/23/23 08:00	08/23/23 23:46	594-20-7	
2-Chlorotoluene	**<18.1**	ug/kg	56.0	18.1	1	08/23/23 08:00	08/23/23 23:46	95-49-8	
4-Chlorotoluene	**<21.3**	ug/kg	56.0	21.3	1	08/23/23 08:00	08/23/23 23:46	106-43-4	
Benzene	**<13.3**	ug/kg	22.4	13.3	1	08/23/23 08:00	08/23/23 23:46	71-43-2	
Bromobenzene	**<21.8**	ug/kg	56.0	21.8	1	08/23/23 08:00	08/23/23 23:46	108-86-1	
Bromochloromethane	**<15.3**	ug/kg	56.0	15.3	1	08/23/23 08:00	08/23/23 23:46	74-97-5	
Bromodichloromethane	**<13.3**	ug/kg	56.0	13.3	1	08/23/23 08:00	08/23/23 23:46	75-27-4	
Bromoform	**<246**	ug/kg	280	246	1	08/23/23 08:00	08/23/23 23:46	75-25-2	
Bromomethane	**<78.5**	ug/kg	280	78.5	1	08/23/23 08:00	08/23/23 23:46	74-83-9	
Carbon tetrachloride	**<12.3**	ug/kg	56.0	12.3	1	08/23/23 08:00	08/23/23 23:46	56-23-5	
Chlorobenzene	**<6.7**	ug/kg	56.0	6.7	1	08/23/23 08:00	08/23/23 23:46	108-90-7	
Chloroethane	**<23.6**	ug/kg	280	23.6	1	08/23/23 08:00	08/23/23 23:46	75-00-3	
Chloroform	**<40.1**	ug/kg	280	40.1	1	08/23/23 08:00	08/23/23 23:46	67-66-3	
Chloromethane	**<21.3**	ug/kg	56.0	21.3	1	08/23/23 08:00	08/23/23 23:46	74-87-3	
Dibromochloromethane	**<191**	ug/kg	280	191	1	08/23/23 08:00	08/23/23 23:46	124-48-1	
Dibromomethane	**<16.6**	ug/kg	56.0	16.6	1	08/23/23 08:00	08/23/23 23:46	74-95-3	
Dichlorodifluoromethane	**<24.1**	ug/kg	56.0	24.1	1	08/23/23 08:00	08/23/23 23:46	75-71-8	
Diisopropyl ether	**<13.9**	ug/kg	56.0	13.9	1	08/23/23 08:00	08/23/23 23:46	108-20-3	
Ethylbenzene	**<13.3**	ug/kg	56.0	13.3	1	08/23/23 08:00	08/23/23 23:46	100-41-4	
Hexachloro-1,3-butadiene	**<111**	ug/kg	280	111	1	08/23/23 08:00	08/23/23 23:46	87-68-3	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: KT314R PHASE II
Pace Project No.: 40267051

Sample: GP4-2 **Lab ID: 40267051008** Collected: 08/17/23 10:24 Received: 08/22/23 09:45 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 Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B Pace Analytical Services - Green Bay								
Isopropylbenzene (Cumene)	**<15.1**	ug/kg	56.0	15.1	1	08/23/23 08:00	08/23/23 23:46	98-82-8	
Methyl-tert-butyl ether	**<16.5**	ug/kg	56.0	16.5	1	08/23/23 08:00	08/23/23 23:46	1634-04-4	
Methylene Chloride	**<15.6**	ug/kg	56.0	15.6	1	08/23/23 08:00	08/23/23 23:46	75-09-2	
Naphthalene	**<17.5**	ug/kg	280	17.5	1	08/23/23 08:00	08/23/23 23:46	91-20-3	
Styrene	**<14.3**	ug/kg	56.0	14.3	1	08/23/23 08:00	08/23/23 23:46	100-42-5	
Tetrachloroethene	**<21.7**	ug/kg	56.0	21.7	1	08/23/23 08:00	08/23/23 23:46	127-18-4	
Toluene	**<14.1**	ug/kg	56.0	14.1	1	08/23/23 08:00	08/23/23 23:46	108-88-3	
Trichloroethene	**<20.9**	ug/kg	56.0	20.9	1	08/23/23 08:00	08/23/23 23:46	79-01-6	
Trichlorofluoromethane	**<16.2**	ug/kg	56.0	16.2	1	08/23/23 08:00	08/23/23 23:46	75-69-4	
Vinyl chloride	**<11.3**	ug/kg	56.0	11.3	1	08/23/23 08:00	08/23/23 23:46	75-01-4	
cis-1,2-Dichloroethene	**<12.0**	ug/kg	56.0	12.0	1	08/23/23 08:00	08/23/23 23:46	156-59-2	
cis-1,3-Dichloropropene	**<36.9**	ug/kg	280	36.9	1	08/23/23 08:00	08/23/23 23:46	10061-01-5	
m&p-Xylene	**<23.6**	ug/kg	112	23.6	1	08/23/23 08:00	08/23/23 23:46	179601-23-1	
n-Butylbenzene	**<25.6**	ug/kg	56.0	25.6	1	08/23/23 08:00	08/23/23 23:46	104-51-8	
n-Propylbenzene	**<13.4**	ug/kg	56.0	13.4	1	08/23/23 08:00	08/23/23 23:46	103-65-1	
o-Xylene	**<16.8**	ug/kg	56.0	16.8	1	08/23/23 08:00	08/23/23 23:46	95-47-6	
p-Isopropyltoluene	**<17.0**	ug/kg	56.0	17.0	1	08/23/23 08:00	08/23/23 23:46	99-87-6	
sec-Butylbenzene	**<13.7**	ug/kg	56.0	13.7	1	08/23/23 08:00	08/23/23 23:46	135-98-8	
tert-Butylbenzene	**<17.6**	ug/kg	56.0	17.6	1	08/23/23 08:00	08/23/23 23:46	98-06-6	
trans-1,2-Dichloroethene	**<12.1**	ug/kg	56.0	12.1	1	08/23/23 08:00	08/23/23 23:46	156-60-5	
trans-1,3-Dichloropropene	**<160**	ug/kg	280	160	1	08/23/23 08:00	08/23/23 23:46	10061-02-6	
Surrogates									
Toluene-d8 (S)	98	%	69-153		1	08/23/23 08:00	08/23/23 23:46	2037-26-5	
4-Bromofluorobenzene (S)	103	%	68-156		1	08/23/23 08:00	08/23/23 23:46	460-00-4	
1,2-Dichlorobenzene-d4 (S)	101	%	71-161		1	08/23/23 08:00	08/23/23 23:46	2199-69-1	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**5.6**	%	0.10	0.10	1		08/22/23 16:49		

Sample: GP4-7 **Lab ID: 40267051009** Collected: 08/17/23 10:30 Received: 08/22/23 09:45 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
6010D MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3050B Pace Analytical Services - Green Bay								
Lead	**<0.61**	mg/kg	2.0	0.61	1	08/24/23 06:52	08/24/23 19:14	7439-92-1	
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B Pace Analytical Services - Green Bay								
1,1,1,2-Tetrachloroethane	**<12.9**	ug/kg	53.8	12.9	1	08/23/23 08:00	08/24/23 00:06	630-20-6	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: KT314R PHASE II
Pace Project No.: 40267051

Sample: GP4-7 **Lab ID: 40267051009** Collected: 08/17/23 10:30 Received: 08/22/23 09:45 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 Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B Pace Analytical Services - Green Bay								
1,1,1-Trichloroethane	**<13.8**	ug/kg	53.8	13.8	1	08/23/23 08:00	08/24/23 00:06	71-55-6	
1,1,2,2-Tetrachloroethane	**<19.5**	ug/kg	53.8	19.5	1	08/23/23 08:00	08/24/23 00:06	79-34-5	
1,1,2-Trichloroethane	**<19.6**	ug/kg	53.8	19.6	1	08/23/23 08:00	08/24/23 00:06	79-00-5	
1,1-Dichloroethane	**<13.8**	ug/kg	53.8	13.8	1	08/23/23 08:00	08/24/23 00:06	75-34-3	
1,1-Dichloroethene	**<17.9**	ug/kg	53.8	17.9	1	08/23/23 08:00	08/24/23 00:06	75-35-4	
1,1-Dichloropropene	**<17.4**	ug/kg	53.8	17.4	1	08/23/23 08:00	08/24/23 00:06	563-58-6	
1,2,3-Trichlorobenzene	**<60.0**	ug/kg	269	60.0	1	08/23/23 08:00	08/24/23 00:06	87-61-6	
1,2,3-Trichloropropane	**<26.2**	ug/kg	53.8	26.2	1	08/23/23 08:00	08/24/23 00:06	96-18-4	
1,2,4-Trichlorobenzene	**<44.4**	ug/kg	269	44.4	1	08/23/23 08:00	08/24/23 00:06	120-82-1	
1,2,4-Trimethylbenzene	**<16.0**	ug/kg	53.8	16.0	1	08/23/23 08:00	08/24/23 00:06	95-63-6	
1,2-Dibromo-3-chloropropane	**<41.8**	ug/kg	269	41.8	1	08/23/23 08:00	08/24/23 00:06	96-12-8	
1,2-Dibromoethane (EDB)	**<14.8**	ug/kg	53.8	14.8	1	08/23/23 08:00	08/24/23 00:06	106-93-4	
1,2-Dichlorobenzene	**<16.7**	ug/kg	53.8	16.7	1	08/23/23 08:00	08/24/23 00:06	95-50-1	
1,2-Dichloroethane	**<12.4**	ug/kg	53.8	12.4	1	08/23/23 08:00	08/24/23 00:06	107-06-2	
1,2-Dichloropropane	**<12.8**	ug/kg	53.8	12.8	1	08/23/23 08:00	08/24/23 00:06	78-87-5	
1,3,5-Trimethylbenzene	**<17.3**	ug/kg	53.8	17.3	1	08/23/23 08:00	08/24/23 00:06	108-67-8	
1,3-Dichlorobenzene	**<14.8**	ug/kg	53.8	14.8	1	08/23/23 08:00	08/24/23 00:06	541-73-1	
1,3-Dichloropropane	**<11.7**	ug/kg	53.8	11.7	1	08/23/23 08:00	08/24/23 00:06	142-28-9	
1,4-Dichlorobenzene	**<14.8**	ug/kg	53.8	14.8	1	08/23/23 08:00	08/24/23 00:06	106-46-7	
2,2-Dichloropropane	**<14.5**	ug/kg	53.8	14.5	1	08/23/23 08:00	08/24/23 00:06	594-20-7	
2-Chlorotoluene	**<17.4**	ug/kg	53.8	17.4	1	08/23/23 08:00	08/24/23 00:06	95-49-8	
4-Chlorotoluene	**<20.5**	ug/kg	53.8	20.5	1	08/23/23 08:00	08/24/23 00:06	106-43-4	
Benzene	**<12.8**	ug/kg	21.5	12.8	1	08/23/23 08:00	08/24/23 00:06	71-43-2	
Bromobenzene	**<21.0**	ug/kg	53.8	21.0	1	08/23/23 08:00	08/24/23 00:06	108-86-1	
Bromochloromethane	**<14.8**	ug/kg	53.8	14.8	1	08/23/23 08:00	08/24/23 00:06	74-97-5	
Bromodichloromethane	**<12.8**	ug/kg	53.8	12.8	1	08/23/23 08:00	08/24/23 00:06	75-27-4	
Bromoform	**<237**	ug/kg	269	237	1	08/23/23 08:00	08/24/23 00:06	75-25-2	
Bromomethane	**<75.5**	ug/kg	269	75.5	1	08/23/23 08:00	08/24/23 00:06	74-83-9	
Carbon tetrachloride	**<11.8**	ug/kg	53.8	11.8	1	08/23/23 08:00	08/24/23 00:06	56-23-5	
Chlorobenzene	**<6.5**	ug/kg	53.8	6.5	1	08/23/23 08:00	08/24/23 00:06	108-90-7	
Chloroethane	**<22.7**	ug/kg	269	22.7	1	08/23/23 08:00	08/24/23 00:06	75-00-3	
Chloroform	**<38.6**	ug/kg	269	38.6	1	08/23/23 08:00	08/24/23 00:06	67-66-3	
Chloromethane	**<20.5**	ug/kg	53.8	20.5	1	08/23/23 08:00	08/24/23 00:06	74-87-3	
Dibromochloromethane	**<184**	ug/kg	269	184	1	08/23/23 08:00	08/24/23 00:06	124-48-1	
Dibromomethane	**<15.9**	ug/kg	53.8	15.9	1	08/23/23 08:00	08/24/23 00:06	74-95-3	
Dichlorodifluoromethane	**<23.2**	ug/kg	53.8	23.2	1	08/23/23 08:00	08/24/23 00:06	75-71-8	
Diisopropyl ether	**<13.4**	ug/kg	53.8	13.4	1	08/23/23 08:00	08/24/23 00:06	108-20-3	
Ethylbenzene	**<12.8**	ug/kg	53.8	12.8	1	08/23/23 08:00	08/24/23 00:06	100-41-4	
Hexachloro-1,3-butadiene	**<107**	ug/kg	269	107	1	08/23/23 08:00	08/24/23 00:06	87-68-3	
Isopropylbenzene (Cumene)	**<14.5**	ug/kg	53.8	14.5	1	08/23/23 08:00	08/24/23 00:06	98-82-8	
Methyl-tert-butyl ether	**<15.8**	ug/kg	53.8	15.8	1	08/23/23 08:00	08/24/23 00:06	1634-04-4	
Methylene Chloride	**<15.0**	ug/kg	53.8	15.0	1	08/23/23 08:00	08/24/23 00:06	75-09-2	
Naphthalene	**<16.8**	ug/kg	269	16.8	1	08/23/23 08:00	08/24/23 00:06	91-20-3	
Styrene	**<13.8**	ug/kg	53.8	13.8	1	08/23/23 08:00	08/24/23 00:06	100-42-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: KT314R PHASE II
Pace Project No.: 40267051

Sample: GP4-7 **Lab ID: 40267051009** Collected: 08/17/23 10:30 Received: 08/22/23 09:45 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 Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B Pace Analytical Services - Green Bay								
Tetrachloroethene	**<20.9**	ug/kg	53.8	20.9	1	08/23/23 08:00	08/24/23 00:06	127-18-4	
Toluene	**<13.6**	ug/kg	53.8	13.6	1	08/23/23 08:00	08/24/23 00:06	108-88-3	
Trichloroethene	**<20.1**	ug/kg	53.8	20.1	1	08/23/23 08:00	08/24/23 00:06	79-01-6	
Trichlorofluoromethane	**<15.6**	ug/kg	53.8	15.6	1	08/23/23 08:00	08/24/23 00:06	75-69-4	
Vinyl chloride	**<10.9**	ug/kg	53.8	10.9	1	08/23/23 08:00	08/24/23 00:06	75-01-4	
cis-1,2-Dichloroethene	**<11.5**	ug/kg	53.8	11.5	1	08/23/23 08:00	08/24/23 00:06	156-59-2	
cis-1,3-Dichloropropene	**<35.5**	ug/kg	269	35.5	1	08/23/23 08:00	08/24/23 00:06	10061-01-5	
m&p-Xylene	**<22.7**	ug/kg	108	22.7	1	08/23/23 08:00	08/24/23 00:06	179601-23-1	
n-Butylbenzene	**<24.7**	ug/kg	53.8	24.7	1	08/23/23 08:00	08/24/23 00:06	104-51-8	
n-Propylbenzene	**<12.9**	ug/kg	53.8	12.9	1	08/23/23 08:00	08/24/23 00:06	103-65-1	
o-Xylene	**<16.2**	ug/kg	53.8	16.2	1	08/23/23 08:00	08/24/23 00:06	95-47-6	
p-Isopropyltoluene	**<16.4**	ug/kg	53.8	16.4	1	08/23/23 08:00	08/24/23 00:06	99-87-6	
sec-Butylbenzene	**<13.1**	ug/kg	53.8	13.1	1	08/23/23 08:00	08/24/23 00:06	135-98-8	
tert-Butylbenzene	**<16.9**	ug/kg	53.8	16.9	1	08/23/23 08:00	08/24/23 00:06	98-06-6	
trans-1,2-Dichloroethene	**<11.6**	ug/kg	53.8	11.6	1	08/23/23 08:00	08/24/23 00:06	156-60-5	
trans-1,3-Dichloropropene	**<154**	ug/kg	269	154	1	08/23/23 08:00	08/24/23 00:06	10061-02-6	
Surrogates									
Toluene-d8 (S)	94	%	69-153		1	08/23/23 08:00	08/24/23 00:06	2037-26-5	
4-Bromofluorobenzene (S)	98	%	68-156		1	08/23/23 08:00	08/24/23 00:06	460-00-4	
1,2-Dichlorobenzene-d4 (S)	94	%	71-161		1	08/23/23 08:00	08/24/23 00:06	2199-69-1	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**3.7**	%	0.10	0.10	1		08/22/23 16:49		

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: KT314R PHASE II
Pace Project No.: 40267051

QC Batch: 453091
QC Batch Method: EPA 3050B
Analysis Method: EPA 6010D
Analysis Description: 6010D MET
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40267051001, 40267051002, 40267051003, 40267051004, 40267051005, 40267051006, 40267051007, 40267051008, 40267051009

METHOD BLANK: 2603026 Matrix: Solid
Associated Lab Samples: 40267051001, 40267051002, 40267051003, 40267051004, 40267051005, 40267051006, 40267051007, 40267051008, 40267051009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Lead	mg/kg	<0.60	2.0	08/24/23 18:38	

LABORATORY CONTROL SAMPLE: 2603027

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	mg/kg	25	26.1	104	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2603028 2603029

Parameter	Units	40267091001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Lead	mg/kg	13.8	27.1	27.2	39.5	39.5	95	95	75-125	0	20	

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

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: KT314R PHASE II
Pace Project No.: 40267051

QC Batch: 453022
QC Batch Method: EPA 5035/5030B
Analysis Method: EPA 8260
Analysis Description: 8260 MSV Med Level Normal List
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40267051001, 40267051002, 40267051003, 40267051004, 40267051005, 40267051006, 40267051007, 40267051008, 40267051009

METHOD BLANK: 2602536 Matrix: Solid
Associated Lab Samples: 40267051001, 40267051002, 40267051003, 40267051004, 40267051005, 40267051006, 40267051007, 40267051008, 40267051009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	<12.0	50.0	08/23/23 16:54	
1,1,1-Trichloroethane	ug/kg	<12.8	50.0	08/23/23 16:54	
1,1,2,2-Tetrachloroethane	ug/kg	<18.1	50.0	08/23/23 16:54	
1,1,2-Trichloroethane	ug/kg	<18.2	50.0	08/23/23 16:54	
1,1-Dichloroethane	ug/kg	<12.8	50.0	08/23/23 16:54	
1,1-Dichloroethene	ug/kg	<16.6	50.0	08/23/23 16:54	
1,1-Dichloropropene	ug/kg	<16.2	50.0	08/23/23 16:54	
1,2,3-Trichlorobenzene	ug/kg	<55.7	250	08/23/23 16:54	
1,2,3-Trichloropropane	ug/kg	<24.3	50.0	08/23/23 16:54	
1,2,4-Trichlorobenzene	ug/kg	<41.2	250	08/23/23 16:54	
1,2,4-Trimethylbenzene	ug/kg	<14.9	50.0	08/23/23 16:54	
1,2-Dibromo-3-chloropropane	ug/kg	<38.8	250	08/23/23 16:54	
1,2-Dibromoethane (EDB)	ug/kg	<13.7	50.0	08/23/23 16:54	
1,2-Dichlorobenzene	ug/kg	<15.5	50.0	08/23/23 16:54	
1,2-Dichloroethane	ug/kg	<11.5	50.0	08/23/23 16:54	
1,2-Dichloropropane	ug/kg	<11.9	50.0	08/23/23 16:54	
1,3,5-Trimethylbenzene	ug/kg	<16.1	50.0	08/23/23 16:54	
1,3-Dichlorobenzene	ug/kg	<13.7	50.0	08/23/23 16:54	
1,3-Dichloropropane	ug/kg	<10.9	50.0	08/23/23 16:54	
1,4-Dichlorobenzene	ug/kg	<13.7	50.0	08/23/23 16:54	
2,2-Dichloropropane	ug/kg	<13.5	50.0	08/23/23 16:54	
2-Chlorotoluene	ug/kg	<16.2	50.0	08/23/23 16:54	
4-Chlorotoluene	ug/kg	<19.0	50.0	08/23/23 16:54	
Benzene	ug/kg	<11.9	20.0	08/23/23 16:54	
Bromobenzene	ug/kg	<19.5	50.0	08/23/23 16:54	
Bromochloromethane	ug/kg	<13.7	50.0	08/23/23 16:54	
Bromodichloromethane	ug/kg	<11.9	50.0	08/23/23 16:54	
Bromoform	ug/kg	<220	250	08/23/23 16:54	
Bromomethane	ug/kg	<70.1	250	08/23/23 16:54	
Carbon tetrachloride	ug/kg	<11.0	50.0	08/23/23 16:54	
Chlorobenzene	ug/kg	<6.0	50.0	08/23/23 16:54	
Chloroethane	ug/kg	<21.1	250	08/23/23 16:54	
Chloroform	ug/kg	<35.8	250	08/23/23 16:54	
Chloromethane	ug/kg	<19.0	50.0	08/23/23 16:54	
cis-1,2-Dichloroethene	ug/kg	<10.7	50.0	08/23/23 16:54	
cis-1,3-Dichloropropene	ug/kg	<33.0	250	08/23/23 16:54	
Dibromochloromethane	ug/kg	<171	250	08/23/23 16:54	
Dibromomethane	ug/kg	<14.8	50.0	08/23/23 16:54	
Dichlorodifluoromethane	ug/kg	<21.5	50.0	08/23/23 16:54	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: KT314R PHASE II
Pace Project No.: 40267051

METHOD BLANK: 2602536 Matrix: Solid

Associated Lab Samples: 40267051001, 40267051002, 40267051003, 40267051004, 40267051005, 40267051006, 40267051007, 40267051008, 40267051009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Diisopropyl ether	ug/kg	<12.4	50.0	08/23/23 16:54	
Ethylbenzene	ug/kg	<11.9	50.0	08/23/23 16:54	
Hexachloro-1,3-butadiene	ug/kg	<99.4	250	08/23/23 16:54	
Isopropylbenzene (Cumene)	ug/kg	<13.5	50.0	08/23/23 16:54	
m&p-Xylene	ug/kg	<21.1	100	08/23/23 16:54	
Methyl-tert-butyl ether	ug/kg	<14.7	50.0	08/23/23 16:54	
Methylene Chloride	ug/kg	<13.9	50.0	08/23/23 16:54	
n-Butylbenzene	ug/kg	<22.9	50.0	08/23/23 16:54	
n-Propylbenzene	ug/kg	<12.0	50.0	08/23/23 16:54	
Naphthalene	ug/kg	<15.6	250	08/23/23 16:54	
o-Xylene	ug/kg	<15.0	50.0	08/23/23 16:54	
p-Isopropyltoluene	ug/kg	<15.2	50.0	08/23/23 16:54	
sec-Butylbenzene	ug/kg	<12.2	50.0	08/23/23 16:54	
Styrene	ug/kg	<12.8	50.0	08/23/23 16:54	
tert-Butylbenzene	ug/kg	<15.7	50.0	08/23/23 16:54	
Tetrachloroethene	ug/kg	<19.4	50.0	08/23/23 16:54	
Toluene	ug/kg	<12.6	50.0	08/23/23 16:54	
trans-1,2-Dichloroethene	ug/kg	<10.8	50.0	08/23/23 16:54	
trans-1,3-Dichloropropene	ug/kg	<143	250	08/23/23 16:54	
Trichloroethene	ug/kg	<18.7	50.0	08/23/23 16:54	
Trichlorofluoromethane	ug/kg	<14.5	50.0	08/23/23 16:54	
Vinyl chloride	ug/kg	<10.1	50.0	08/23/23 16:54	
1,2-Dichlorobenzene-d4 (S)	%	111	71-161	08/23/23 16:54	
4-Bromofluorobenzene (S)	%	109	68-156	08/23/23 16:54	
Toluene-d8 (S)	%	111	69-153	08/23/23 16:54	

LABORATORY CONTROL SAMPLE: 2602537

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/kg	2500	2630	105	70-130	
1,1,2,2-Tetrachloroethane	ug/kg	2500	2260	90	70-130	
1,1,2-Trichloroethane	ug/kg	2500	2550	102	70-130	
1,1-Dichloroethane	ug/kg	2500	2440	98	70-130	
1,1-Dichloroethene	ug/kg	2500	2770	111	77-120	
1,2,4-Trichlorobenzene	ug/kg	2500	2330	93	67-130	
1,2-Dibromo-3-chloropropane	ug/kg	2500	1810	73	70-130	
1,2-Dibromoethane (EDB)	ug/kg	2500	2490	100	70-130	
1,2-Dichlorobenzene	ug/kg	2500	2420	97	70-130	
1,2-Dichloroethane	ug/kg	2500	2540	102	70-130	
1,2-Dichloropropane	ug/kg	2500	2690	108	80-123	
1,3-Dichlorobenzene	ug/kg	2500	2470	99	70-130	
1,4-Dichlorobenzene	ug/kg	2500	2340	94	70-130	
Benzene	ug/kg	2500	2630	105	70-130	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: KT314R PHASE II
Pace Project No.: 40267051

LABORATORY CONTROL SAMPLE: 2602537

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Bromodichloromethane	ug/kg	2500	2590	104	70-130	
Bromoform	ug/kg	2500	2170	87	60-130	
Bromomethane	ug/kg	2500	3210	129	45-153	
Carbon tetrachloride	ug/kg	2500	2880	115	70-130	
Chlorobenzene	ug/kg	2500	2710	108	70-130	
Chloroethane	ug/kg	2500	3720	149	55-160	
Chloroform	ug/kg	2500	2360	94	80-120	
Chloromethane	ug/kg	2500	1890	76	47-130	
cis-1,2-Dichloroethene	ug/kg	2500	2610	105	70-130	
cis-1,3-Dichloropropene	ug/kg	2500	2480	99	70-130	
Dibromochloromethane	ug/kg	2500	2620	105	70-130	
Dichlorodifluoromethane	ug/kg	2500	1430	57	16-83	
Ethylbenzene	ug/kg	2500	2730	109	80-120	
Isopropylbenzene (Cumene)	ug/kg	2500	2790	112	70-130	
m&p-Xylene	ug/kg	5000	5450	109	70-130	
Methyl-tert-butyl ether	ug/kg	2500	2060	82	65-130	
Methylene Chloride	ug/kg	2500	2650	106	70-130	
o-Xylene	ug/kg	2500	2690	108	70-130	
Styrene	ug/kg	2500	3110	124	70-130	
Tetrachloroethene	ug/kg	2500	2750	110	70-130	
Toluene	ug/kg	2500	2690	108	80-120	
trans-1,2-Dichloroethene	ug/kg	2500	2750	110	70-130	
trans-1,3-Dichloropropene	ug/kg	2500	2330	93	70-130	
Trichloroethene	ug/kg	2500	2740	110	70-130	
Trichlorofluoromethane	ug/kg	2500	2850	114	70-130	
Vinyl chloride	ug/kg	2500	2340	93	59-114	
1,2-Dichlorobenzene-d4 (S)	%			99	71-161	
4-Bromofluorobenzene (S)	%			105	68-156	
Toluene-d8 (S)	%			107	69-153	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2602538 2602539

Parameter	Units	40267008001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1-Trichloroethane	ug/kg	<18.8	1470	1470	1150	1040	79	71	69-130	10	20	
1,1,2,2-Tetrachloroethane	ug/kg	<26.5	1470	1470	1310	1410	89	96	70-130	7	20	
1,1,2-Trichloroethane	ug/kg	<26.7	1470	1470	1240	1440	85	98	70-130	15	20	
1,1-Dichloroethane	ug/kg	<18.8	1470	1470	1240	1200	85	82	70-130	4	20	
1,1-Dichloroethene	ug/kg	<24.3	1470	1470	1080	1010	74	69	55-120	6	22	
1,2,4-Trichlorobenzene	ug/kg	<60.4	1470	1470	1320	1410	90	96	67-130	7	20	
1,2-Dibromo-3-chloropropane	ug/kg	<56.9	1470	1470	1070	1170	73	80	70-130	8	22	
1,2-Dibromoethane (EDB)	ug/kg	<20.1	1470	1470	1190	1380	82	94	70-130	14	20	
1,2-Dichlorobenzene	ug/kg	<22.7	1470	1470	1400	1480	96	101	70-130	5	20	
1,2-Dichloroethane	ug/kg	<16.9	1470	1470	1380	1360	94	93	70-130	1	20	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: KT314R PHASE II
Pace Project No.: 40267051

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2602538 2602539

Parameter	Units	40267008001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,2-Dichloropropane	ug/kg	<17.4	1470	1470	1350	1310	92	89	80-123	3	20	
1,3-Dichlorobenzene	ug/kg	<20.1	1470	1470	1360	1390	93	95	70-130	2	20	
1,4-Dichlorobenzene	ug/kg	<20.1	1470	1470	1300	1350	89	92	70-130	4	20	
Benzene	ug/kg	<17.4	1470	1470	1260	1240	86	85	70-130	1	20	
Bromodichloromethane	ug/kg	<17.4	1470	1470	1200	1270	82	87	70-130	6	20	
Bromoform	ug/kg	<322	1470	1470	1360	1560	93	106	60-130	14	20	
Bromomethane	ug/kg	<103	1470	1470	1380	1270	94	87	38-153	8	20	
Carbon tetrachloride	ug/kg	<16.1	1470	1470	1100	1110	75	75	62-130	0	20	
Chlorobenzene	ug/kg	<8.8	1470	1470	1460	1380	100	94	70-130	6	20	
Chloroethane	ug/kg	<30.9	1470	1470	1410	1280	96	87	53-160	9	24	
Chloroform	ug/kg	<52.5	1470	1470	1250	1220	85	83	80-120	3	20	
Chloromethane	ug/kg	<27.8	1470	1470	702	609	48	42	10-130	14	20	
cis-1,2-Dichloroethene	ug/kg	550	1470	1470	2060	1950	103	96	70-130	6	20	
cis-1,3-Dichloropropene	ug/kg	<48.4	1470	1470	1140	1170	78	80	70-130	3	20	
Dibromochloromethane	ug/kg	<250	1470	1470	1220	1270	83	87	70-130	5	20	
Dichlorodifluoromethane	ug/kg	<31.5	1470	1470	378	395	26	27	10-83	4	31	
Ethylbenzene	ug/kg	<17.4	1470	1470	1310	1290	89	88	80-120	2	20	
Isopropylbenzene (Cumene)	ug/kg	<19.8	1470	1470	1230	1220	84	83	70-130	1	20	
m&p-Xylene	ug/kg	<30.9	2930	2930	2590	2510	88	86	70-130	3	20	
Methyl-tert-butyl ether	ug/kg	<21.5	1470	1470	1040	1080	71	74	66-130	5	20	
Methylene Chloride	ug/kg	<20.4	1470	1470	1400	1340	95	91	70-130	4	20	
o-Xylene	ug/kg	<22.0	1470	1470	1330	1320	91	90	70-130	1	20	
Styrene	ug/kg	<18.8	1470	1470	1540	1520	105	104	70-130	1	20	
Tetrachloroethene	ug/kg	<28.4	1470	1470	1300	1210	88	83	69-130	7	20	
Toluene	ug/kg	<18.5	1470	1470	1260	1290	86	88	79-120	2	20	
trans-1,2-Dichloroethene	ug/kg	38.5J	1470	1470	1310	1200	87	79	70-130	9	20	
trans-1,3-Dichloropropene	ug/kg	<210	1470	1470	1020	1110	69	76	69-130	9	20	
Trichloroethene	ug/kg	54.8J	1470	1470	1320	1340	86	87	70-130	2	20	
Trichlorofluoromethane	ug/kg	<21.3	1470	1470	979	1000	67	68	50-130	3	22	
Vinyl chloride	ug/kg	46.3J	1470	1470	876	807	57	52	26-114	8	20	
1,2-Dichlorobenzene-d4 (S)	%						109	111	71-161			
4-Bromofluorobenzene (S)	%						112	115	68-156			
Toluene-d8 (S)	%						112	111	69-153			

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: KT314R PHASE II
Pace Project No.: 40267051

QC Batch: 452966
QC Batch Method: ASTM D2974-87
Analysis Method: ASTM D2974-87
Analysis Description: Dry Weight/Percent Moisture
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40267051001, 40267051002, 40267051003

SAMPLE DUPLICATE: 2602301

Parameter	Units	40267034001 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	5.2	5.2	1	10	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: KT314R PHASE II
Pace Project No.: 40267051

QC Batch: 452968
QC Batch Method: ASTM D2974-87
Analysis Method: ASTM D2974-87
Analysis Description: Dry Weight/Percent Moisture
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40267051004, 40267051005, 40267051006, 40267051007, 40267051008, 40267051009

SAMPLE DUPLICATE: 2602302

Parameter	Units	40267030001 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	3.8	3.9	2	10	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALIFIERS

Project: KT314R PHASE II
Pace Project No.: 40267051

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.

DL - Adjusted Method Detection Limit.

S - Surrogate

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

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

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

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

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

TNI - The NELAC Institute.

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: KT314R PHASE II
Pace Project No.: 40267051

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40267051001	**GP1-4**	EPA 3050B	453091	EPA 6010D	453176
40267051002	**GP1-9**	EPA 3050B	453091	EPA 6010D	453176
40267051003	**GP2-8**	EPA 3050B	453091	EPA 6010D	453176
40267051004	**GP2-13**	EPA 3050B	453091	EPA 6010D	453176
40267051005	**GP3-1**	EPA 3050B	453091	EPA 6010D	453176
40267051006	**GP3-4**	EPA 3050B	453091	EPA 6010D	453176
40267051007	**GP3-13**	EPA 3050B	453091	EPA 6010D	453176
40267051008	**GP4-2**	EPA 3050B	453091	EPA 6010D	453176
40267051009	**GP4-7**	EPA 3050B	453091	EPA 6010D	453176
40267051001	**GP1-4**	EPA 5035/5030B	453022	EPA 8260	453025
40267051002	**GP1-9**	EPA 5035/5030B	453022	EPA 8260	453025
40267051003	**GP2-8**	EPA 5035/5030B	453022	EPA 8260	453025
40267051004	**GP2-13**	EPA 5035/5030B	453022	EPA 8260	453025
40267051005	**GP3-1**	EPA 5035/5030B	453022	EPA 8260	453025
40267051006	**GP3-4**	EPA 5035/5030B	453022	EPA 8260	453025
40267051007	**GP3-13**	EPA 5035/5030B	453022	EPA 8260	453025
40267051008	**GP4-2**	EPA 5035/5030B	453022	EPA 8260	453025
40267051009	**GP4-7**	EPA 5035/5030B	453022	EPA 8260	453025
40267051001	**GP1-4**	ASTM D2974-87	452966		
40267051002	**GP1-9**	ASTM D2974-87	452966		
40267051003	**GP2-8**	ASTM D2974-87	452966		
40267051004	**GP2-13**	ASTM D2974-87	452968		
40267051005	**GP3-1**	ASTM D2974-87	452968		
40267051006	**GP3-4**	ASTM D2974-87	452968		
40267051007	**GP3-13**	ASTM D2974-87	452968		
40267051008	**GP4-2**	ASTM D2974-87	452968		
40267051009	**GP4-7**	ASTM D2974-87	452968		

CHAIN-OF-CUSTODY Analytical Request Document

Pace Analytical®

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevent fields

LAB USE ONLY- Affix Workorder/Login Label Here or List Pace Workorder Number or MTJL Log-in Number Here: 40267051

ALL SHADED AREAS are for LAB USE ONLY

Company: PIONEER ENV	Billing Information: KWIK TRIP
Address: MT HOREB, WI	
Report To: JOE D	Email To:
Copy To: JASON P	Site Collection Info/Address: PARDEVILLE
Customer Project Name/Number: KT 314R / PHASE II	State: WI County/City: Time Zone Collected: [ ] PT [ ] MT [ ] CT [ ] ET
Phone: Email:	Site/Facility ID #: — Compliance Monitoring? [ ] Yes [X] No
Collected By (print): J. DRAPEAU	Purchase Order #: Quote: M2974413622 DW PWS ID #: DW Location Code:
Collected By (signature):	Turnaround Date Required: STD Immediately Packed on Ice: [X] Yes [ ] No
Sample Disposal: [X] Dispose as appropriate [ ] Return [ ] Archive: [ ] Hold:	Rush: [ ] Same Day [ ] Next Day [ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] 5 Day (Expedite Charges Apply) Field Filtered (if applicable): [ ] Yes [X] No Analysis:

Container Preservative Type **

Lab Project Manager:

** Preservative Types: (1) nitric acid, (2) sulfuric acid, (3) hydrochloric acid, (4) sodium hydroxide, (5) zinc acetate, (6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (9) hexane, (A) ascorbic acid, (B) ammonium sulfate, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Other _____

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SL), Oil (OL), Wipe (WP), Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start) Date	Collected (or Composite Start) Time	Composite End Date	Composite End Time	Res Cl	# of Ctns	Analyses: VOCs	Analyses: TOTAL LEAD	Lab Sample # / Comments
GP1-4			8/17/23	8:40					X	X	001
GP1-9				8:50							002
GP2-8				9:20							003
GP2-13				9:25							004
GP3-1				9:42							005
GP3-4				9:45							006
GP3-13				10:05							007
GP4-2				10:24							008
GP4-7				10:30							009

Lab Profile/Line:

Lab Sample Receipt Checklist:

Custody Seals Present/Intact	Y N NA
Custody Signatures Present	Y N NA
Collector Signature Present	Y N NA
Bottles Intact	Y N NA
Correct Bottles	Y N NA
Sufficient Volume	Y N NA
Samples Received on Ice	Y N NA
VOA - Headspace Acceptable	Y N NA
USDA Regulated Soils	Y N NA
Samples in Holding Time	Y N NA
Residual Chlorine Present	Y N NA
Cl Strips:	
Sample pH Acceptable	Y N NA
pH Strips:	
Sulfide Present	Y N NA
Lead Acetate Strips:	

LAB USE ONLY:
Lab Sample # / Comments:

Customer Remarks / Special Conditions / Possible Hazards:

Type of Ice Used: Wet Blue Dry None

Packing Material Used:

Radchem sample(s) screened (<500 cpm): Y N NA

SHORT HOLDS PRESENT (<72 hours): Y N N/A

Lab Tracking #: 2763733

Samples received via: FEDEX UPS Client Courier Pace Courier

Lab Sample Temperature Info.
Temp Blank Received: Y N NA
Therm ID#:
Cooler 1 Temp Upon Receipt: ____oC
Cooler 1 Therm Corr. Factor: ____oC
Cooler 1 Corrected Temp: ____oC
Comments:

Trip Blank Received: Y N NA
HCL MeOH TSP Other

Non Conformance(s): YES / NO

Relinquished by/Company: (Signature)	Date/Time: 8/17/23 1830	Received by/Company: (Signature)	Date/Time:
Relinquished by/Company: (Signature) SPEEDEE	Date/Time: 8-22-23 0845	Received by/Company: (Signature) Robins/Pace	Date/Time: 8-22-23 0845
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:

MTJL LAB USE ONLY
Table #:
Acctnum:
Template:
Prelogin:
PM:
PB:

Client Name: Pioneer

Sample Preservation Receipt Form

Project # 40267051

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	AG5U	AG2S	BG3U	BP1U	BP3U	BP3B	BP3N	BP3S	BP2Z	VG9C	DG9T	VG9U	VG9H	VG9M	VG9D	JGFU	JG9U	WGFU	WPFU	SP5T	ZPLC	GN 1	GN 2							
001																																		2.5 / 5
002																																		2.5 / 5
003																																		2.5 / 5
004																																		2.5 / 5
005																																		2.5 / 5
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019																																		2.5 / 5
020																																		2.5 / 5

R-A 8-22-22

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	VG9C	40 mL clear ascorbic w/ HCl	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
AG5U	100 mL amber glass unpres	BP3S	250 mL plastic H2SO4	VG9M	40 mL clear vial MeOH	SP5T	120 mL plastic Na Thiosulfate
AG2S	500 mL amber glass H2SO4	BP2Z	500 mL plastic NaOH + Zn	VG9D	40 mL clear vial DI	ZPLC	ziploc bag
BG3U	250 mL clear glass unpres					GN 1	
						GN 2	

Sample Condition Upon Receipt Form (SCUR)

Client Name: Pioneer

Project #:

WO#: 40267051

40267051

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

Tracking #: 883823001900006602133

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 - 121 **Type of Ice:** (Wet) Blue Dry None ☐ Meltwater Only

Cooler Temperature Uncorr: 2.0 /Corr: 1.5

Temp Blank Present: ☐ yes ☒ no **Biological Tissue is Frozen:** ☐ yes ☐ no

Person examining contents:
Date: 8-22-23 Initials: R.A

Labeled By Initials: MH

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:	☒Yes ☐No ☐N/A	1.
Chain of Custody Filled Out:	☒Yes ☐No ☐N/A	2.
Chain of Custody Relinquished:	☒Yes ☐No ☐N/A	3.
Sampler Name & Signature on COC:	☒Yes ☐No ☐N/A	4.
Samples Arrived within Hold Time:	☒Yes ☐No	5.
- DI VOA Samples frozen upon receipt	☐Yes ☐No	Date/Time:
Short Hold Time Analysis (<72hr):	☐Yes ☒No	6.
Rush Turn Around Time Requested:	☐Yes ☒No	7.
Sufficient Volume: For Analysis: ☒Yes ☐No MS/MSD: ☐Yes ☒No ☐N/A		8.
Correct Containers Used:	☒Yes ☐No	9.
Correct Type: (Pace Green Bay) Pace IR, Non-Pace		
Containers Intact:	☒Yes ☐No	10.
Filtered volume received for Dissolved tests	☐Yes ☐No ☒N/A	11.
Sample Labels match COC: -Includes date/time/ID/Analysis Matrix: SL	☒Yes ☐No ☐N/A	12.
Trip Blank Present:	☐Yes ☒No ☐N/A	13.
Trip Blank Custody Seals Present	☐Yes ☐No ☒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 logi

Page 2 of 2

Park Lake, Swan Lake Watershed (UF15)

Return to Search Go to Watershed

Park Lake (180300)

Go to Lakes Page

Size

329.53 Acres

Natural Community	Reservoir
Year Last Monitored	2020
General Condition	Poor
	This lake is impaired
Impairments include	Eutrophication, Excess Algal Growth
Pollutants include	Total Phosphorus, Sediment/Total Suspended Solids

Overview | Conditions | Goals | Monitoring & Projects | Ecosystem Challenges | Fish & Habitat | Photo Gallery | Map Gallery

Overview

Park Lake, in the Swan Lake Watershed, is a 329.52 acre lake that falls in Columbia County. This lake is managed for fishing and swimming and is currently considered impaired.

Date 2011

Author Aquatic Biologist

Counties	Columbia
Trout Water	No
Outstanding or Exceptional	No
Impaired Water	Yes

Fish and Aquatic Life

Current Use	Class III Trout
Attainable Use	FAL
Designated Use	Default FAL

Historical Description

Source: 1965, Surface Water Resources of Columbia County Park Lake, T12N, R10E, Sections 2, 3

A large, quite irregular impoundment of the Fox River in Pardeeville, created by a dam of 17 feet head owned by the village of Pardeeville. The water is quite fertile and often turbid, possibly due to wind action on the large shallow basin. Largemouth bass, northern pike, and panfish constitute the fishery. Public access is provided by a large city park which has 2,640 feet of lake frontage and a county access site north of town on State Hwy. 44. Commercial facilities are also available, and a youth camp uses part of the shoreline. Waterfowl are commonly present, taking advantage of the extensive shallow water.

Surface Acres = 219, S.D.F. = 2.56, Maximum Depth = 8 feet

Date 1965

Author Surface Water Inventory Of Wisconsin