September 9, 2021

Mr. Jay Marker
Robinson Construction, Inc.
445 E 200 N
Warsaw, Indiana 46582

RE: Summary Report – Phase II Limited Environmental Site Investigation (LSI)
Commercial/Industrial Property
1624 E Winona Avenue, Indianapolis, Indiana
Patriot Project No. 21-1208-01E

Dear Mr. Marker:

In accordance with our proposal P21-1065B-01E dated July 16, 2021, Patriot Engineering and Environmental, Inc. (*Patriot*) has prepared this summary report documenting the results of the Phase II Limited Environmental Site Assessment (LSI) for the commercial/industrial property located at 1624 E Winona Avenue in Warsaw, Indiana (Site). Details of the work performed are presented in the following sections.

BACKGROUND

The Site is located at 1624 East Winona Avenue on the east side of Warsaw, Kosciusko County, Indiana (Figure 1). The Site is owned by Cardinal Services Inc. (Cardinal) and includes a 43,302 square foot building originally constructed in 1947. Based on a review of the historical information, the Site was originally used for glove manufacturing by Jomac and has also been used for storage by the Kosciusko County YMCA, Our Fathers House, and Cardinal.

Patriot completed a Phase I ESA on the property in July 2021 and identified three recognized environmental condition (RECs), specifically:

- **REC-1: Existing USTs at the Property with No Closure Documentation**
- **REC-2: Historic Operations at the Property (Glove Manufacturing)**
- **REC-3: Adjoining Property (Dalton Foundry) – Historic Spills/Releases**

One of the RECs (Dalton Foundry) is an off-Site property located hydraulically upgradient to the Site. The other two RECs relate to historical activities (particularly

glove manufacturing) at the Site, as well as the presence of existing underground storage tanks (USTs) at the Site lacking closure documentation. Any or all of these RECs could potentially have impacted soil and/or groundwater at the Site as well as create a potential vapor intrusion condition (VEC) for current or future structures.

To address these RECs, a Phase II LSI was performed to evaluate whether any of the RECs have impacted soil and/or groundwater at the Site.

FIELD WORK

Prior to initiating any drilling at the Site, a public utility locate was called in to the Indiana 811 utility locating service. In addition, Patriot retained a private utility locator (Northern Lights) to clear all of the proposed boring locations and identify any subsurface utilities or other anomalies in the boring areas.

In order to evaluate potential soil and/or groundwater impacts relating to historical and/or ongoing operations of the identified nearby properties, a Geoprobe was utilized to advance six (6) borings, three on the northern edge of the Site between the Site and the off-Site REC (Dalton Foundry property) and three on the southern (downgradient) edge of the Site, including one boring directly downgradient of the existing USTs. The boring locations were selected based on the locations of the identified RECs, as well as the apparent southerly groundwater flow direction, and are illustrated in Figure 2.

The borings were advanced into the first water-bearing unit, which was encountered between approximately 15 to 20 feet below grade. Soil samples were obtained continuously, and each two-foot sample increment was field-screened for total VOCs using a photoionization detector (PID). Geologic logs, including the PID readings, were developed for each boring and are included in Attachment 1. Since there were no elevated PID readings observed in any of the boring locations, no soil samples were retained for laboratory analysis.

Groundwater samples were obtained from each boring location, using temporary well points. The water samples were transferred directly to laboratory-supplied containers and placed immediately into an ice-filled, insulated cooler. At the conclusion of the sampling event, the samples were delivered in the ice-filled cooler to Pace Analytical Services, Inc. (Pace) in Indianapolis, Indiana following appropriate chain-of-custody procedures. The water samples were analyzed for the following parameters:

- Volatile organic compounds (VOCs) using SW-846 Method 8260
- Polynuclear aromatic hydrocarbons (PAHs) using SW-846 Method 8270SIM
- Total RCRA Metals using SW-846 6000/7000 Series methods

Quality assurance/quality control (QA/QC) sample included a duplicate groundwater sample from boring (PB-3) and a trip blank analyzed for VOCs only.

RESULTS

The groundwater analytical results are summarized in Table 1 and a copy of the laboratory report is included in Attachment 2. The results indicated that only one sample (boring PB-1, located on the northwest side of the building) contained detectable concentrations of any VOCs. Four individual chlorinated VOCs (cVOCs), including trichloroethene (TCE), 1,1-dichloroethene (1,1-DCE), cis-1,2-dichloroethene (cDCE), and vinyl chloride (VC) were present in the sample collected from boring PB-1 at concentrations exceeding the Indiana Department of Environmental Management (IDEM) Remediation Closure Guide (RCG) Tap Water Screening Levels (TWSLs). In addition, the VC concentration of 2.8 micrograms per liter (ug/L) slightly exceeded the vapor intrusion from groundwater screening level (VIGWSL) for VC of 2.1 ug/L, while the TCE concentration of 217 ug/L exceeded both the residential (9.1 ug/L) and commercial/industrial (38 ug/L) VIGWSLs.

The duplicate sample from boring PB-3, located in the northeast corner of the Site, was reported to contain tetrachloroethene (PCE) at a concentration of 5.1 ug/L, which just slightly exceeds the laboratory detection limit of 5.0 ug/L. The paired sample from this location did not contain a detectable concentration of PCE.

None of the samples contained detectable concentrations of any individual PAH compounds; however, all of the samples contained elevated concentrations (exceeding the respective TWSLs) of total arsenic, cadmium, chromium, and lead. The sample collected from boring PB-4 also contained barium and mercury at concentrations above their TWSL, while the duplicate sample collected from PB-3 contained selenium at a concentration above its TWSL.

DISCUSSION

The presence of TCE at a concentration well above the commercial/industrial VIGWSL in close proximity to the building presents a potential vapor intrusion concern (VEC) to the building, particularly the western portion of the building near the PB-1 location. The source of the TCE and other cVOC compounds in this area is unknown. Although the boring appears to be hydraulically upgradient from the building, historical activities in the area where PB-1 is located are unknown. Consequently, it is possible that the source for the cVOC-impacted groundwater in PB-1 is inside the western part of the building. Alternately, the source could be located somewhere to the north across E. Winona Avenue (upgradient), on the property immediately to the west, or related to preferential pathway migration from a distant source along the utility corridors running below grade along E. Winona Avenue. Regardless, the impacts appear to be isolated to the general vicinity of boring PB-1.

Additional investigation would be necessary to delineate the nature and extent of the cVOC impacts in boring PB-1 and determine whether the source is on-Site and/or off-Site in nature. In addition, if regular occupancy of the building is contemplated as part

of the development, paired sub-slab/indoor air vapor sampling should be performed to determine whether vapor intrusion to the building is occurring.

We appreciate the opportunity to assist you with this project. If you have questions or need additional information, please contact Steve Sittler at ssittler@patrioteng.com or at (574) 876-9835.

Very truly yours,
Patriot Engineering and Environmental, Inc.

Steven P. Sittler, P.G.
Senior Project Manager

Douglas B. Zabonick, P.E.
President

Attachments

FIGURES

Image Source:
USGS Warsaw Topo 2019

Patriot Engineering & Environmental, Inc.

Project: Robertson Construction LSI 1624 East Winona Avenue Warsaw, Indiana	
	Drawn By: J. DuMond
Project Number: 21-1208-01	Approved: S. Sittler
Date: June 29, 2021	DWG: 21-1208-01_LSI

Figure 1

Site Vicinity Map

Patriot Engineering & Environmental, Inc.

LEGEND

Site Boundary

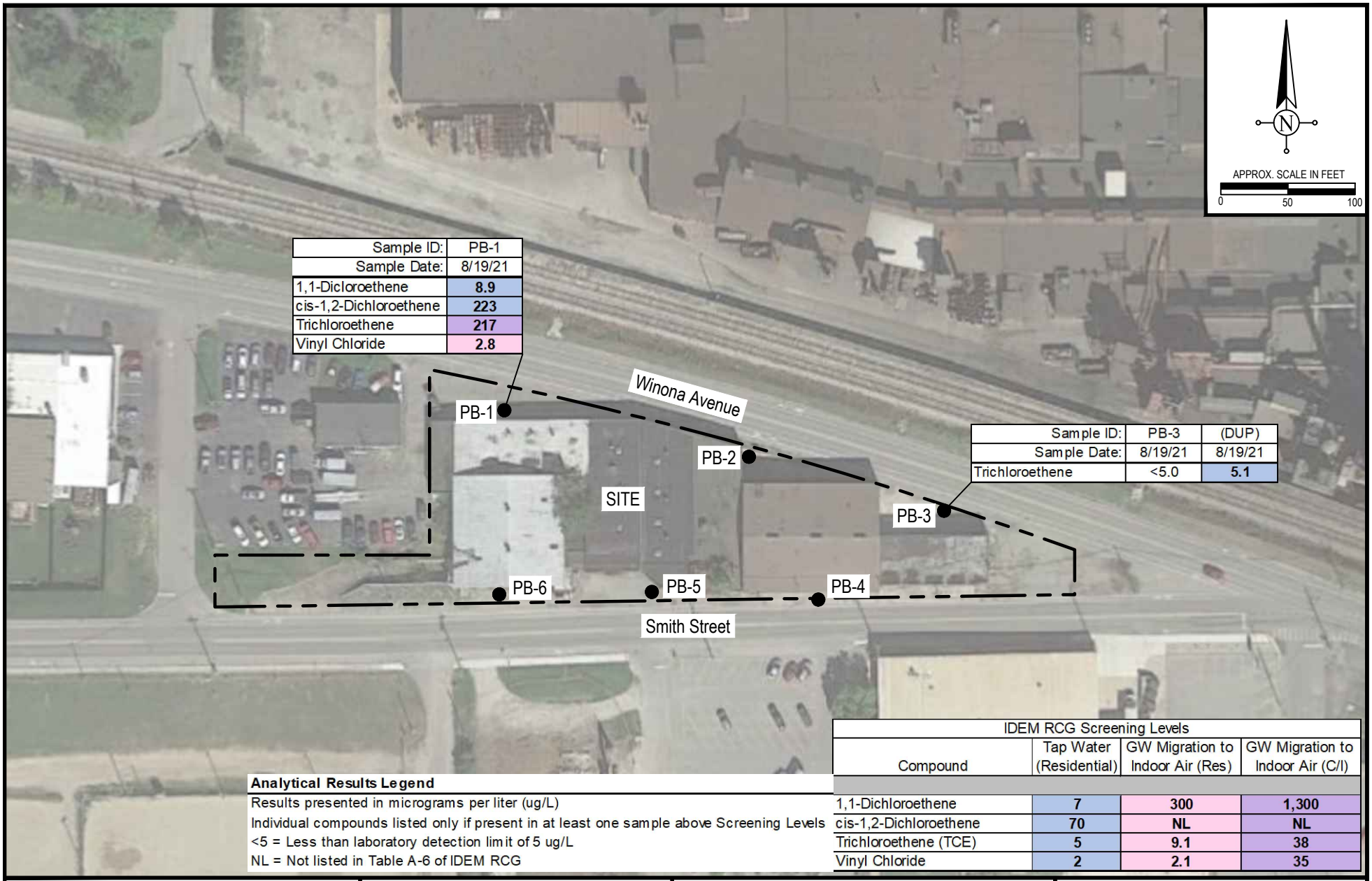
NOTES:
1. Image Source: Google Earth
2. Scale as shown.

Project: Robertson Construction LSI
1624 East Winona Avenue
Warsaw, Indiana

	Drawn By: J. DuMond
Project Number:21-1208-01	Approved: S. Sittler
Date: August 23, 2021	DWG: 21-1208-01_LSI

Figure 2

Aerial Site Map



Analytical Results Legend

- Results presented in micrograms per liter (ug/L)
- Individual compounds listed only if present in at least one sample above Screening Levels
- <5 = Less than laboratory detection limit of 5 ug/L
- NL = Not listed in Table A-6 of IDEM RCG

	IDEM RCG Screening Levels		
Compound	Tap Water (Residential)	GW Migration to Indoor Air (Res)	GW Migration to Indoor Air (C/I)
1,1-Dichloroethene	7	300	1,300
cis-1,2-Dichloroethene	70	NL	NL
Trichloroethene (TCE)	5	9.1	38
Vinyl Chloride	2	2.1	35

Patriot Engineering & Environmental, Inc.

LEGEND

Site Boundary

NOTES:
1. Image Source: Google Earth
2. Scale as shown.

Project: Robertson Construction LSI
1624 East Winona Avenue
Warsaw, Indiana

	Drawn By: J. DuMond
Project Number:21-1208-01	Approved: S. Sittler
Date: August 23, 2021	DWG: 21-1208-01_LSI

Figure 3

Groundwater Impacts Above IDEM RCG Screening Levels

TABLES

Table 1
Summary of Groundwater Analytical Results
Cardinal Building
1624 E Winona Avenue, Warsaw, Indiana
Patriot Project No. 21-1208-01E

		Volatile Organic Compounds (VOCs) via EPA 8260											Semivolatile Organic Compounds (SVOCs) via EPA 8270 by SIM 40E	Inorganics via EPA 6010							Inorganics via EPA 7470
Sample Identification	**Date Collected**	**1,1,1-Trichloroethane**	**1,1-Dichloroethane**	**1,1-Dichloroethene**	**Tetrachloroethene**	**Trichloroethene**	**Vinyl chloride**	**cis-1,2-Dichloroethene**	**trans-1,2-Dichloroethene**	**trans-1,3-Dichloropropene**	**trans-1,4-Dichloro-2-butene**	**All Remaining VOCs**	**All Remaining SVOCs**	**Arsenic**	**Barium**	**Cadmium**	**Chromium**	**Lead**	**Selenium**	**Silver**	**Mercury**
Dup-1	08/19/2021	<5.0	<5.0	<5.0	**5.1**	<5.0	<2.0	<5.0	<5.0	<4.7	<100	BRL	BRL	**756**	**754**	**17.6**	**786**	**534**	**54.6**	<10.0	**0.58**
PB-1	08/19/2021	**49.0**	**20.7**	**8.9**	<5.0	**217**	**2.8**	**223**	**48.1**	<4.7	<100	BRL	BRL	**1080**	**831**	**13.2**	**783**	**397**	**28.0**	<10.0	<0.20
PB-2	08/19/2021	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	**22.4**	<5.0	<4.7	<100	BRL	BRL	**420**	**659**	**11.0**	**943**	**294**	**20.6**	<10.0	**0.48**
PB-3	08/19/2021	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<5.0	<5.0	<4.7	<100	BRL	BRL	**761**	**958**	**19.8**	**1010**	**572**	**48.5**	<10.0	**0.80**
PB-4	08/19/2021	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<5.0	<5.0	<4.7	<100	BRL	BRL	**908**	**2120**	**30.4**	**1640**	**715**	<10.0	<10.0	**2.2**
PB-5	08/19/2021	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<5.0	<5.0	<4.7	<100	BRL	BRL	**342**	**1470**	**18.7**	**1900**	**599**	<10.0	<10.0	<0.20
PB-6	08/19/2021	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<5.0	<5.0	<4.7	<100	BRL	BRL	**345**	**922**	**27.2**	**847**	**1010**	<10.0	<10.0	**1.7**
Trip Blank	08/19/2021	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<5.0	<5.0	<4.7	<100	BRL									
IDEM RCG Residential TWSL's		**200**	**28**	**7**	**5**	**5**	**2**	**70**	**100**	**NE**	**0.013**	**Varies**	**Varies**	**10**	**2,000**	**5**	**100**	**15**	**50**	**94**	**2**
IDEM RCG Residential VESL's		**13,000**	**130**	**300**	**110**	**9.1**	**2.1**	**NE**	**NE**	**NE**	**NE**	**Varies**	**Varies**	**NE**	**NE**	**NE**	**NE**	**NE**	**NE**	**NE**	**NE**
IDEM RCG Industrial VESL's		**54,000**	**550**	**1,300**	**470**	**38**	**35**	**NE**	**NE**	**NE**	**NE**	**Varies**	**Varies**	**NE**	**NE**	**NE**	**NE**	**NE**	**NE**	**NE**	**NE**

Notes

BOLD	= Constituent detected above Laboratory Reporting Limit
BOLD	= Constituent detected above IDEM RCG Residential TWSL's
BOLD	= Constituent detected above IDEM RCG Residential VESL's
BOLD	= Constituent detected above IDEM RCG Industrial VESL's

IDEM = Indiana Department of Environmental Management
RCG = Remediation Closure Guide
TWSL = Tap Water Screening Level
VESL = Vapor Exposure Screening Level

All results reported in micrograms per liter (ug/L)

NE = No Screening Level Established for Constituent

NA = Sample not Analyzed for Constituent

BRL - Below Laboratory Reporting Limit

ATTACHMENT 1

Geologic Logs

PATRIOT ENGINEERING and Environmental Inc.
Indianapolis, Terre Haute, Evansville, Fort Wayne, Lafayette, Bloomington Louisville, KY Dayton, Cincinnati, OH

LOG OF BORING PB-1

Robertson Construction
1624 East Winona Avenue
Warsaw, Indiana

Project No.	: 21-1208-01E	Company Rep.	: Patriot Drilling
Boring Date	: 8/19/2021	Northing Coord.	: N/A
Hole Diameter	: 2 inches	Easting Coord.	: N/A
Drilling Method	: Geoprobe Direct Push	Survey By	: N/A
Sampling Method	: N/A	Logged By	: M. Runyon

Water Levels
▼ During Drilling
▽ After Completion

Depth in Feet	Surf. Elev.	USCS	GRAPHIC	DESCRIPTION	WATER LEVEL	RECOVERY	TPV	REMARKS
0		FB		ASPHALT				
		SC		Brown, moist, soft, high plasticity, SANDY CLAY		40%	0.0	
		SW		Light brown, moist, dense, fine to medium grained, SAND			0.0	
5						50%	0.0	
		SW		Light brown, moist, dense, fine to coarse grained, SAND			0.0	
10						30%	0.0	
		SW		Light brown, moist, dense, fine to coarse grained, SAND, w/little small gravel	▼		0.0	
15						40%	0.0	
		SW		Brown, saturated, loose, fine grained, SAND			0.0	Groundwater sample PB-1 collected
20						50%	0.0	
25				Boring terminated at 25 ft bgs Note: TPV = Total Photoionizable Vapors in parts per million (PPM)				

PATRIOT ENGINEERING and Environmental Inc.
Indianapolis, Terre Haute, Evansville, Fort Wayne, Lafayette, Bloomington Louisville, KY Dayton, Cincinnati, OH

LOG OF BORING PB-2

Robertson Construction
1624 East Winona Avenue
Warsaw, Indiana

Project No.	: 21-1208-01E	Company Rep.	: Patriot Drilling
Boring Date	: 8/19/2021	Northing Coord.	: N/A
Hole Diameter	: 2 inches	Easting Coord.	: N/A
Drilling Method	: Geoprobe Direct Push	Survey By	: N/A
Sampling Method	: N/A	Logged By	: M. Runyon

Water Levels
▼ During Drilling
▽ After Completion

Depth in Feet	Surf. Elev.	USCS	GRAPHIC	DESCRIPTION	WATER LEVEL	RECOVERY	TPV	REMARKS
0		FB		ASPHALT				
		SC		Brown, moist, soft, high plasticity, SANDY CLAY		30%	0.0 0.0	
5		SW		Light brown, moist, medium dense, fine to medium grained, SAND		40%	0.0 0.0	
10		SW		Light brown, moist, dense, fine to coarse grained, SAND, w/litle small gravel	▼	40%	0.0 0.0	
15						40%	0.0 0.0	
20		SW		Light brown, saturated, loose, fine grained, SAND		30%	0.0 0.0	Groundwater sample PB-2 collected
25				Boring terminated at 25 ft bgs Note: TPV = Total Photoionizable Vapors in parts per million (PPM)				

PATRIOT ENGINEERING and Environmental Inc.
Indianapolis, Terre Haute, Evansville, Fort Wayne, Lafayette, Bloomington Louisville, KY Dayton, Cincinnati, OH

LOG OF BORING PB-3

Robertson Construction
1624 East Winona Avenue
Warsaw, Indiana

Project No.	: 21-1208-01E	Company Rep.	: Patriot Drilling
Boring Date	: 8/19/2021	Northing Coord.	: N/A
Hole Diameter	: 2 inches	Easting Coord.	: N/A
Drilling Method	: Geoprobe Direct Push	Survey By	: N/A
Sampling Method	: N/A	Logged By	: M. Runyon

Water Levels
▼ During Drilling
▽ After Completion

Depth in Feet	Surf. Elev.	USCS	GRAPHIC	DESCRIPTION	WATER LEVEL	RECOVERY	TPV	REMARKS
0		FB		ASPHALT				
		SC		Brown, moist, soft, high plasticity, SANDY CLAY		40%	0.0	
		SW		Light brown, moist, medium dense, fine to medium grained, SAND			0.0	
5						40%	0.0	
		SW		Light brown, moist, dense, fine to coarse grained, SAND			0.0	
10						40%	0.0	
		SW		Light brown, moist, dense, fine to coarse grained, SAND, w/litle small gravel	▼		0.0	
15						50%	0.0	
		SW		Brown, saturated, medium dense, fine grained, SAND			0.0	Groundwater sample PB-3 collected
20						40%	0.0	
25				Boring terminated at 25 ft bgs				

Note: TPV = Total Photoionizable Vapors in parts per million (PPM)

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PATRIOT ENGINEERING and Environmental Inc.
Indianapolis, Terre Haute, Evansville, Fort Wayne, Lafayette, Bloomington Louisville, KY Dayton, Cincinnati, OH

LOG OF BORING PB-4

Robertson Construction
1624 East Winona Avenue
Warsaw, Indiana

Project No.	: 21-1208-01E	Company Rep.	: Patriot Drilling
Boring Date	: 8/19/2021	Northing Coord.	: N/A
Hole Diameter	: 2 inches	Easting Coord.	: N/A
Drilling Method	: Geoprobe Direct Push	Survey By	: N/A
Sampling Method	: N/A	Logged By	: M. Runyon

Water Levels
▼ During Drilling
▽ After Completion

Depth in Feet	Surf. Elev.	USCS	GRAPHIC	DESCRIPTION	WATER LEVEL	RECOVERY	TPV	REMARKS
0		FB		ASPHALT				
		SC		Brown, moist, very soft, high plasticity, SANDY CLAY		20%	0.0 0.0	
5		SC		Brown, moist, high plasticity, SANDY CLAY				
		SW		Light brown, moist, medium dense, fine to coarse grained, SAND		30%	0.0 0.0	
10		SW		Light brown, moist, dense, fine to medium grained, SAND		50%	0.0 0.0	
		SW		Light brown, moist, very dense, fine to coarse grained, SAND, w/little small gravel	▼		0.0	
15		SW		Light brown, saturated, loose, fine grained, SAND		50%	0.0	Groundwater sample PB-4 collected.
20				Boring terminated at 20 ft bgs Note: TPV = Total Photoionizable Vapors in parts per million (PPM)				

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PATRIOT ENGINEERING and Environmental Inc.
Indianapolis, Terre Haute, Evansville, Fort Wayne, Lafayette, Bloomington Louisville, KY Dayton, Cincinnati, OH

LOG OF BORING PB-5

Robertson Construction
1624 East Winona Avenue
Warsaw, Indiana

Project No.	: 21-1208-01E	Company Rep.	: Patriot Drilling
Boring Date	: 8/19/2021	Northing Coord.	: N/A
Hole Diameter	: 2 inches	Easting Coord.	: N/A
Drilling Method	: Geoprobe Direct Push	Survey By	: N/A
Sampling Method	: N/A	Logged By	: M. Runyon

Water Levels
▼ During Drilling
▽ After Completion

Depth in Feet	Surf. Elev.	USCS	GRAPHIC	DESCRIPTION	WATER LEVEL	RECOVERY	TPV	REMARKS
0		FB		ASPHALT				
		SC		Brown, moist, soft, high plasticity, SANDY CLAY		30%	0.0 0.0	
5		SW		Light brown, moist, loose, fine to coarse grained, SAND		40%	0.0 0.0	
10						60%	0.0	
		SW		Light brown, moist, dense, fine to coarse grained, SAND, w/little small gravel			0.0	
15					▼			
		SW		Light brown, saturated, loose, fine grained, SAND		40%	0.0 0.0	Groundwater sample PB-5 collected
20				Boring terminated at 20 ft bgs Note: TPV = Total Photoionizable Vapors in parts per million (PPM)				

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PATRIOT ENGINEERING and Environmental Inc.
Indianapolis, Terre Haute, Evansville, Fort Wayne, Lafayette, Bloomington Louisville, KY Dayton, Cincinnati, OH

LOG OF BORING PB-6

Robertson Construction
1624 East Winona Avenue
Warsaw, Indiana

Project No.	: 21-1208-01E	Company Rep.	: Patriot Drilling
Boring Date	: 8/19/2021	Northing Coord.	: N/A
Hole Diameter	: 2 inches	Easting Coord.	: N/A
Drilling Method	: Geoprobe Direct Push	Survey By	: N/A
Sampling Method	: N/A	Logged By	: M. Runyon

Water Levels
▼ During Drilling
▽ After Completion

Depth in Feet	Surf. Elev.	USCS	GRAPHIC	DESCRIPTION	WATER LEVEL	RECOVERY	TPV	REMARKS
0		FB		ASPHALT				
		CH		Brown, moist, medium stiff, high plasticity, CLAY		60%	0.0 0.0	
5		SW		Light brown, moist, loose, fine to medium grained, SAND		40%	0.0 0.0	
10		SW		Light brown, moist, dense, SAND		40%	0.0 0.0	
15		SW		Light brown, saturated, loose, fine grained, SAND	▼	30%	0.0 0.0	Groundwater sample PB-6 collected
20				Boring terminated at 20 ft bgs Note: TPV = Total Photoionizable Vapors in parts per million (PPM)				

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ATTACHMENT 2

Laboratory Report

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

September 01, 2021

Mr. Steve Sittler
Patriot
6150 E 75th Street
Indianapolis, IN 46250

RE: Project: Robinson Construction (Warsaw)
Pace Project No.: 50295555

Dear Mr. Sittler:

Enclosed are the analytical results for sample(s) received by the laboratory on August 20, 2021. 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 - Indianapolis

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

Sincerely,

Tina Sayer

Tina Sayer
tina.sayer@pacelabs.com
(317)228-3100
Project Manager

Enclosures

cc: Mr. Jared Epple, Patriot

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

CERTIFICATIONS

Project: Robinson Construction (Warsaw)
Pace Project No.: 50295555

Pace Analytical Services Indianapolis

7726 Moller Road, Indianapolis, IN 46268
Illinois Accreditation #: 200074
Indiana Drinking Water Laboratory #: C-49-06
Kansas/TNI Certification #: E-10177
Kentucky UST Agency Interest #: 80226
Kentucky WW Laboratory ID #: 98019
Michigan Drinking Water Laboratory #9050
Ohio VAP Certified Laboratory #: CL0065
Oklahoma Laboratory #: 9204
Texas Certification #: T104704355
Wisconsin Laboratory #: 999788130
USDA Soil Permit #: P330-19-00257

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SAMPLE SUMMARY

Project: Robinson Construction (Warsaw)
Pace Project No.: 50295555

Lab ID	Sample ID	Matrix	Date Collected	Date Received
50295555001	**PB-1**	Water	08/19/21 13:55	08/20/21 08:40
50295555002	**PB-2**	Water	08/19/21 15:05	08/20/21 08:40
50295555003	**PB-3**	Water	08/19/21 16:00	08/20/21 08:40
50295555004	**PB-4**	Water	08/19/21 10:55	08/20/21 08:40
50295555005	**PB-5**	Water	08/19/21 11:50	08/20/21 08:40
50295555006	**PB-6**	Water	08/19/21 12:50	08/20/21 08:40
50295555007	**Dup-1**	Water	08/19/21 08:00	08/20/21 08:40
50295555008	**Trip Blank**	Water	08/19/21 08:00	08/20/21 08:40

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SAMPLE ANALYTE COUNT

Project: Robinson Construction (Warsaw)
Pace Project No.: 50295555

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
50295555001	**PB-1**	EPA 6010	KJE	7	PASI-I
		EPA 7470	LBT	1	PASI-I
		EPA 8270 by SIM 40E	GRM	20	PASI-I
		EPA 8260	ALA	73	PASI-I
50295555002	**PB-2**	EPA 6010	KJE	7	PASI-I
		EPA 7470	LBT	1	PASI-I
		EPA 8270 by SIM 40E	GRM	20	PASI-I
		EPA 8260	ALA	73	PASI-I
50295555003	**PB-3**	EPA 6010	KJE	7	PASI-I
		EPA 7470	LBT	1	PASI-I
		EPA 8270 by SIM 40E	GRM	20	PASI-I
		EPA 8260	ALA	73	PASI-I
50295555004	**PB-4**	EPA 6010	KJE	7	PASI-I
		EPA 7470	LBT	1	PASI-I
		EPA 8270 by SIM 40E	GRM	20	PASI-I
		EPA 8260	ALA	73	PASI-I
50295555005	**PB-5**	EPA 6010	KJE	7	PASI-I
		EPA 7470	LBT	1	PASI-I
		EPA 8270 by SIM 40E	GRM	20	PASI-I
		EPA 8260	ALA	73	PASI-I
50295555006	**PB-6**	EPA 6010	KJE	7	PASI-I
		EPA 7470	LBT	1	PASI-I
		EPA 8270 by SIM 40E	GRM	20	PASI-I
		EPA 8260	ALA	73	PASI-I
50295555007	**Dup-1**	EPA 6010	KJE	7	PASI-I
		EPA 7470	LBT	1	PASI-I
		EPA 8270 by SIM 40E	GRM	20	PASI-I
		EPA 8260	ALA	73	PASI-I
50295555008	**Trip Blank**	EPA 8260	ALA	73	PASI-I

PASI-I = Pace Analytical Services - Indianapolis

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SUMMARY OF DETECTION

Project: Robinson Construction (Warsaw)
Pace Project No.: 50295555

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
50295555001	**PB-1**					
EPA 6010	Arsenic	1080	ug/L	10.0	08/26/21 08:27	P4
EPA 6010	Barium	831	ug/L	5.0	08/26/21 08:27	P4
EPA 6010	Cadmium	13.2	ug/L	1.0	08/26/21 08:27	P4
EPA 6010	Chromium	783	ug/L	4.0	08/26/21 08:27	P4
EPA 6010	Lead	397	ug/L	5.0	08/26/21 08:27	P4
EPA 6010	Selenium	28.0	ug/L	10.0	08/26/21 08:27	P4
EPA 8260	1,1-Dichloroethane	20.7	ug/L	5.0	08/26/21 02:55	
EPA 8260	1,1-Dichloroethene	8.9	ug/L	5.0	08/26/21 02:55	
EPA 8260	cis-1,2-Dichloroethene	223	ug/L	5.0	08/26/21 02:55	
EPA 8260	trans-1,2-Dichloroethene	48.1	ug/L	5.0	08/26/21 02:55	
EPA 8260	1,1,1-Trichloroethane	49.0	ug/L	5.0	08/26/21 02:55	
EPA 8260	Trichloroethene	217	ug/L	5.0	08/26/21 02:55	
EPA 8260	Vinyl chloride	2.8	ug/L	2.0	08/26/21 02:55	
50295555002	**PB-2**					
EPA 6010	Arsenic	420	ug/L	10.0	08/26/21 08:29	
EPA 6010	Barium	659	ug/L	5.0	08/26/21 08:29	
EPA 6010	Cadmium	11.0	ug/L	1.0	08/26/21 08:29	
EPA 6010	Chromium	943	ug/L	4.0	08/26/21 08:29	
EPA 6010	Lead	294	ug/L	5.0	08/26/21 08:29	
EPA 6010	Selenium	20.6	ug/L	10.0	08/26/21 08:29	
EPA 7470	Mercury	0.48	ug/L	0.20	08/31/21 20:36	
EPA 8260	cis-1,2-Dichloroethene	22.4	ug/L	5.0	08/26/21 03:24	
50295555003	**PB-3**					
EPA 6010	Arsenic	761	ug/L	10.0	08/26/21 08:40	P4
EPA 6010	Barium	958	ug/L	5.0	08/26/21 08:40	P4
EPA 6010	Cadmium	19.8	ug/L	1.0	08/26/21 08:40	P4
EPA 6010	Chromium	1010	ug/L	4.0	08/26/21 08:40	P4
EPA 6010	Lead	572	ug/L	5.0	08/26/21 08:40	P4
EPA 6010	Selenium	48.5	ug/L	10.0	08/26/21 08:40	P4
EPA 7470	Mercury	0.80	ug/L	0.20	08/31/21 20:47	P4
50295555004	**PB-4**					
EPA 6010	Arsenic	908	ug/L	10.0	08/26/21 08:42	P4
EPA 6010	Barium	2120	ug/L	5.0	08/26/21 08:42	P4
EPA 6010	Cadmium	30.4	ug/L	1.0	08/26/21 08:42	P4
EPA 6010	Chromium	1640	ug/L	4.0	08/26/21 08:42	P4
EPA 6010	Lead	715	ug/L	5.0	08/26/21 08:42	P4
EPA 7470	Mercury	2.2	ug/L	0.20	08/31/21 20:49	P4
50295555005	**PB-5**					
EPA 6010	Arsenic	342	ug/L	10.0	08/26/21 08:49	P4
EPA 6010	Barium	1470	ug/L	5.0	08/26/21 08:49	P4
EPA 6010	Cadmium	18.7	ug/L	1.0	08/26/21 08:49	P4
EPA 6010	Chromium	1900	ug/L	4.0	08/26/21 08:49	P4
EPA 6010	Lead	599	ug/L	5.0	08/26/21 08:49	P4

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SUMMARY OF DETECTION

Project: Robinson Construction (Warsaw)
Pace Project No.: 50295555

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
50295555006	**PB-6**					
EPA 6010	Arsenic	345	ug/L	10.0	08/26/21 08:52	P4
EPA 6010	Barium	922	ug/L	5.0	08/26/21 08:52	P4
EPA 6010	Cadmium	27.2	ug/L	1.0	08/26/21 08:52	P4
EPA 6010	Chromium	847	ug/L	4.0	08/26/21 08:52	P4
EPA 6010	Lead	1010	ug/L	5.0	08/26/21 08:52	P4
EPA 7470	Mercury	1.7	ug/L	0.20	08/31/21 20:53	P4
50295555007	**Dup-1**					
EPA 6010	Arsenic	756	ug/L	10.0	08/26/21 08:54	P4
EPA 6010	Barium	754	ug/L	5.0	08/26/21 08:54	P4
EPA 6010	Cadmium	17.6	ug/L	1.0	08/26/21 08:54	P4
EPA 6010	Chromium	786	ug/L	4.0	08/26/21 08:54	P4
EPA 6010	Lead	534	ug/L	5.0	08/26/21 08:54	P4
EPA 6010	Selenium	54.6	ug/L	10.0	08/26/21 08:54	P4
EPA 7470	Mercury	0.58	ug/L	0.20	08/31/21 20:55	P4
EPA 8260	Tetrachloroethene	5.1	ug/L	5.0	08/26/21 05:51	

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Robinson Construction (Warsaw)
Pace Project No.: 50295555

Sample: PB-1 **Lab ID: 50295555001** Collected: 08/19/21 13:55 Received: 08/20/21 08:40 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis							
Arsenic	**1080**	ug/L	10.0	1	08/25/21 06:36	08/26/21 08:27	7440-38-2	P4
Barium	**831**	ug/L	5.0	1	08/25/21 06:36	08/26/21 08:27	7440-39-3	P4
Cadmium	**13.2**	ug/L	1.0	1	08/25/21 06:36	08/26/21 08:27	7440-43-9	P4
Chromium	**783**	ug/L	4.0	1	08/25/21 06:36	08/26/21 08:27	7440-47-3	P4
Lead	**397**	ug/L	5.0	1	08/25/21 06:36	08/26/21 08:27	7439-92-1	P4
Selenium	**28.0**	ug/L	10.0	1	08/25/21 06:36	08/26/21 08:27	7782-49-2	P4
Silver	ND	ug/L	10.0	1	08/25/21 06:36	08/26/21 08:27	7440-22-4	P4
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470 Pace Analytical Services - Indianapolis							
Mercury	ND	ug/L	0.20	1	08/31/21 10:32	08/31/21 20:34	7439-97-6	P4
8270 PAH by 3511	Analytical Method: EPA 8270 by SIM 40E Preparation Method: EPA 3511 Pace Analytical Services - Indianapolis							
Acenaphthene	ND	ug/L	1.0	1	08/23/21 12:02	08/23/21 19:58	83-32-9	
Acenaphthylene	ND	ug/L	1.0	1	08/23/21 12:02	08/23/21 19:58	208-96-8	
Anthracene	ND	ug/L	0.10	1	08/23/21 12:02	08/23/21 19:58	120-12-7	
Benzo(a)anthracene	ND	ug/L	0.10	1	08/23/21 12:02	08/23/21 19:58	56-55-3	
Benzo(a)pyrene	ND	ug/L	0.10	1	08/23/21 12:02	08/23/21 19:58	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	0.10	1	08/23/21 12:02	08/23/21 19:58	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	0.10	1	08/23/21 12:02	08/23/21 19:58	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	0.10	1	08/23/21 12:02	08/23/21 19:58	207-08-9	
Chrysene	ND	ug/L	0.50	1	08/23/21 12:02	08/23/21 19:58	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	0.092	1	08/23/21 12:02	08/23/21 19:58	53-70-3	
Fluoranthene	ND	ug/L	1.0	1	08/23/21 12:02	08/23/21 19:58	206-44-0	
Fluorene	ND	ug/L	1.0	1	08/23/21 12:02	08/23/21 19:58	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	ug/L	0.10	1	08/23/21 12:02	08/23/21 19:58	193-39-5	
1-Methylnaphthalene	ND	ug/L	1.0	1	08/23/21 12:02	08/23/21 19:58	90-12-0	
2-Methylnaphthalene	ND	ug/L	1.0	1	08/23/21 12:02	08/23/21 19:58	91-57-6	
Naphthalene	ND	ug/L	1.0	1	08/23/21 12:02	08/23/21 19:58	91-20-3	
Phenanthrene	ND	ug/L	1.0	1	08/23/21 12:02	08/23/21 19:58	85-01-8	
Pyrene	ND	ug/L	1.0	1	08/23/21 12:02	08/23/21 19:58	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	74	%.	57-136	1	08/23/21 12:02	08/23/21 19:58	321-60-8	
p-Terphenyl-d14 (S)	108	%.	67-147	1	08/23/21 12:02	08/23/21 19:58	1718-51-0	
8260/5030 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Indianapolis							
Acetone	ND	ug/L	100	1		08/26/21 02:55	67-64-1	
Acrolein	ND	ug/L	50.0	1		08/26/21 02:55	107-02-8	L2
Acrylonitrile	ND	ug/L	100	1		08/26/21 02:55	107-13-1	
Benzene	ND	ug/L	5.0	1		08/26/21 02:55	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		08/26/21 02:55	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1		08/26/21 02:55	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		08/26/21 02:55	75-27-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Robinson Construction (Warsaw)
Pace Project No.: 50295555

Sample: PB-1 **Lab ID: 50295555001** Collected: 08/19/21 13:55 Received: 08/20/21 08:40 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260/5030 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Indianapolis							
Bromoform	ND	ug/L	5.0	1		08/26/21 02:55	75-25-2	
Bromomethane	ND	ug/L	5.0	1		08/26/21 02:55	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		08/26/21 02:55	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	1		08/26/21 02:55	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	1		08/26/21 02:55	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		08/26/21 02:55	98-06-6	
Carbon disulfide	ND	ug/L	10.0	1		08/26/21 02:55	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		08/26/21 02:55	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		08/26/21 02:55	108-90-7	
Chloroethane	ND	ug/L	5.0	1		08/26/21 02:55	75-00-3	
Chloroform	ND	ug/L	5.0	1		08/26/21 02:55	67-66-3	
Chloromethane	ND	ug/L	5.0	1		08/26/21 02:55	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		08/26/21 02:55	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		08/26/21 02:55	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	1		08/26/21 02:55	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		08/26/21 02:55	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		08/26/21 02:55	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		08/26/21 02:55	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		08/26/21 02:55	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		08/26/21 02:55	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		08/26/21 02:55	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	1		08/26/21 02:55	75-71-8	
1,1-Dichloroethane	**20.7**	ug/L	5.0	1		08/26/21 02:55	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		08/26/21 02:55	107-06-2	
1,1-Dichloroethene	**8.9**	ug/L	5.0	1		08/26/21 02:55	75-35-4	
cis-1,2-Dichloroethene	**223**	ug/L	5.0	1		08/26/21 02:55	156-59-2	
trans-1,2-Dichloroethene	**48.1**	ug/L	5.0	1		08/26/21 02:55	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		08/26/21 02:55	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		08/26/21 02:55	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		08/26/21 02:55	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		08/26/21 02:55	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	4.7	1		08/26/21 02:55	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	4.7	1		08/26/21 02:55	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		08/26/21 02:55	100-41-4	
Ethyl methacrylate	ND	ug/L	100	1		08/26/21 02:55	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		08/26/21 02:55	87-68-3	
n-Hexane	ND	ug/L	5.0	1		08/26/21 02:55	110-54-3	
2-Hexanone	ND	ug/L	25.0	1		08/26/21 02:55	591-78-6	
Iodomethane	ND	ug/L	10.0	1		08/26/21 02:55	74-88-4	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		08/26/21 02:55	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1		08/26/21 02:55	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1		08/26/21 02:55	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		08/26/21 02:55	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		08/26/21 02:55	1634-04-4	
Naphthalene	ND	ug/L	5.0	1		08/26/21 02:55	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	1		08/26/21 02:55	103-65-1	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Robinson Construction (Warsaw)
Pace Project No.: 50295555

Sample: PB-1 **Lab ID: 50295555001** Collected: 08/19/21 13:55 Received: 08/20/21 08:40 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260/5030 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Indianapolis							
Styrene	ND	ug/L	5.0	1		08/26/21 02:55	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		08/26/21 02:55	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		08/26/21 02:55	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		08/26/21 02:55	127-18-4	
Toluene	ND	ug/L	5.0	1		08/26/21 02:55	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		08/26/21 02:55	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		08/26/21 02:55	120-82-1	
1,1,1-Trichloroethane	**49.0**	ug/L	5.0	1		08/26/21 02:55	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		08/26/21 02:55	79-00-5	
Trichloroethene	**217**	ug/L	5.0	1		08/26/21 02:55	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		08/26/21 02:55	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		08/26/21 02:55	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		08/26/21 02:55	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		08/26/21 02:55	108-67-8	
Vinyl acetate	ND	ug/L	50.0	1		08/26/21 02:55	108-05-4	
Vinyl chloride	**2.8**	ug/L	2.0	1		08/26/21 02:55	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		08/26/21 02:55	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	104	%.	78-120	1		08/26/21 02:55	1868-53-7	
4-Bromofluorobenzene (S)	94	%.	78-117	1		08/26/21 02:55	460-00-4	
Toluene-d8 (S)	103	%.	77-118	1		08/26/21 02:55	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Robinson Construction (Warsaw)
Pace Project No.: 50295555

Sample: PB-2 **Lab ID: 50295555002** Collected: 08/19/21 15:05 Received: 08/20/21 08:40 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis							
Arsenic	**420**	ug/L	10.0	1	08/25/21 06:36	08/26/21 08:29	7440-38-2	
Barium	**659**	ug/L	5.0	1	08/25/21 06:36	08/26/21 08:29	7440-39-3	
Cadmium	**11.0**	ug/L	1.0	1	08/25/21 06:36	08/26/21 08:29	7440-43-9	
Chromium	**943**	ug/L	4.0	1	08/25/21 06:36	08/26/21 08:29	7440-47-3	
Lead	**294**	ug/L	5.0	1	08/25/21 06:36	08/26/21 08:29	7439-92-1	
Selenium	**20.6**	ug/L	10.0	1	08/25/21 06:36	08/26/21 08:29	7782-49-2	
Silver	ND	ug/L	10.0	1	08/25/21 06:36	08/26/21 08:29	7440-22-4	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470 Pace Analytical Services - Indianapolis							
Mercury	**0.48**	ug/L	0.20	1	08/31/21 10:32	08/31/21 20:36	7439-97-6	
8270 PAH by 3511	Analytical Method: EPA 8270 by SIM 40E Preparation Method: EPA 3511 Pace Analytical Services - Indianapolis							
Acenaphthene	ND	ug/L	1.0	1	08/23/21 12:02	08/23/21 20:09	83-32-9	
Acenaphthylene	ND	ug/L	1.0	1	08/23/21 12:02	08/23/21 20:09	208-96-8	
Anthracene	ND	ug/L	0.10	1	08/23/21 12:02	08/23/21 20:09	120-12-7	
Benzo(a)anthracene	ND	ug/L	0.10	1	08/23/21 12:02	08/23/21 20:09	56-55-3	
Benzo(a)pyrene	ND	ug/L	0.10	1	08/23/21 12:02	08/23/21 20:09	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	0.10	1	08/23/21 12:02	08/23/21 20:09	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	0.10	1	08/23/21 12:02	08/23/21 20:09	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	0.10	1	08/23/21 12:02	08/23/21 20:09	207-08-9	
Chrysene	ND	ug/L	0.50	1	08/23/21 12:02	08/23/21 20:09	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	0.092	1	08/23/21 12:02	08/23/21 20:09	53-70-3	
Fluoranthene	ND	ug/L	1.0	1	08/23/21 12:02	08/23/21 20:09	206-44-0	
Fluorene	ND	ug/L	1.0	1	08/23/21 12:02	08/23/21 20:09	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	ug/L	0.10	1	08/23/21 12:02	08/23/21 20:09	193-39-5	
1-Methylnaphthalene	ND	ug/L	1.0	1	08/23/21 12:02	08/23/21 20:09	90-12-0	
2-Methylnaphthalene	ND	ug/L	1.0	1	08/23/21 12:02	08/23/21 20:09	91-57-6	
Naphthalene	ND	ug/L	1.0	1	08/23/21 12:02	08/23/21 20:09	91-20-3	
Phenanthrene	ND	ug/L	1.0	1	08/23/21 12:02	08/23/21 20:09	85-01-8	
Pyrene	ND	ug/L	1.0	1	08/23/21 12:02	08/23/21 20:09	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	78	%.	57-136	1	08/23/21 12:02	08/23/21 20:09	321-60-8	
p-Terphenyl-d14 (S)	103	%.	67-147	1	08/23/21 12:02	08/23/21 20:09	1718-51-0	
8260/5030 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Indianapolis							
Acetone	ND	ug/L	100	1		08/26/21 03:24	67-64-1	
Acrolein	ND	ug/L	50.0	1		08/26/21 03:24	107-02-8	L2
Acrylonitrile	ND	ug/L	100	1		08/26/21 03:24	107-13-1	
Benzene	ND	ug/L	5.0	1		08/26/21 03:24	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		08/26/21 03:24	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1		08/26/21 03:24	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		08/26/21 03:24	75-27-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Robinson Construction (Warsaw)
Pace Project No.: 50295555

Sample: PB-2 **Lab ID: 50295555002** Collected: 08/19/21 15:05 Received: 08/20/21 08:40 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260/5030 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Indianapolis							
Bromoform	ND	ug/L	5.0	1		08/26/21 03:24	75-25-2	
Bromomethane	ND	ug/L	5.0	1		08/26/21 03:24	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		08/26/21 03:24	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	1		08/26/21 03:24	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	1		08/26/21 03:24	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		08/26/21 03:24	98-06-6	
Carbon disulfide	ND	ug/L	10.0	1		08/26/21 03:24	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		08/26/21 03:24	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		08/26/21 03:24	108-90-7	
Chloroethane	ND	ug/L	5.0	1		08/26/21 03:24	75-00-3	
Chloroform	ND	ug/L	5.0	1		08/26/21 03:24	67-66-3	
Chloromethane	ND	ug/L	5.0	1		08/26/21 03:24	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		08/26/21 03:24	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		08/26/21 03:24	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	1		08/26/21 03:24	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		08/26/21 03:24	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		08/26/21 03:24	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		08/26/21 03:24	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		08/26/21 03:24	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		08/26/21 03:24	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		08/26/21 03:24	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	1		08/26/21 03:24	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		08/26/21 03:24	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		08/26/21 03:24	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		08/26/21 03:24	75-35-4	
cis-1,2-Dichloroethene	**22.4**	ug/L	5.0	1		08/26/21 03:24	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		08/26/21 03:24	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		08/26/21 03:24	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		08/26/21 03:24	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		08/26/21 03:24	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		08/26/21 03:24	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	4.7	1		08/26/21 03:24	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	4.7	1		08/26/21 03:24	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		08/26/21 03:24	100-41-4	
Ethyl methacrylate	ND	ug/L	100	1		08/26/21 03:24	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		08/26/21 03:24	87-68-3	
n-Hexane	ND	ug/L	5.0	1		08/26/21 03:24	110-54-3	
2-Hexanone	ND	ug/L	25.0	1		08/26/21 03:24	591-78-6	
Iodomethane	ND	ug/L	10.0	1		08/26/21 03:24	74-88-4	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		08/26/21 03:24	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1		08/26/21 03:24	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1		08/26/21 03:24	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		08/26/21 03:24	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		08/26/21 03:24	1634-04-4	
Naphthalene	ND	ug/L	5.0	1		08/26/21 03:24	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	1		08/26/21 03:24	103-65-1	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Robinson Construction (Warsaw)
Pace Project No.: 50295555

Sample: PB-2 **Lab ID: 50295555002** Collected: 08/19/21 15:05 Received: 08/20/21 08:40 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260/5030 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Indianapolis							
Styrene	ND	ug/L	5.0	1		08/26/21 03:24	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		08/26/21 03:24	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		08/26/21 03:24	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		08/26/21 03:24	127-18-4	
Toluene	ND	ug/L	5.0	1		08/26/21 03:24	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		08/26/21 03:24	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		08/26/21 03:24	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		08/26/21 03:24	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		08/26/21 03:24	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		08/26/21 03:24	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		08/26/21 03:24	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		08/26/21 03:24	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		08/26/21 03:24	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		08/26/21 03:24	108-67-8	
Vinyl acetate	ND	ug/L	50.0	1		08/26/21 03:24	108-05-4	
Vinyl chloride	ND	ug/L	2.0	1		08/26/21 03:24	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		08/26/21 03:24	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	103	%.	78-120	1		08/26/21 03:24	1868-53-7	
4-Bromofluorobenzene (S)	94	%.	78-117	1		08/26/21 03:24	460-00-4	
Toluene-d8 (S)	102	%.	77-118	1		08/26/21 03:24	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Robinson Construction (Warsaw)
Pace Project No.: 50295555

Sample: PB-3 **Lab ID: 50295555003** Collected: 08/19/21 16:00 Received: 08/20/21 08:40 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis							
Arsenic	**761**	ug/L	10.0	1	08/25/21 06:36	08/26/21 08:40	7440-38-2	P4
Barium	**958**	ug/L	5.0	1	08/25/21 06:36	08/26/21 08:40	7440-39-3	P4
Cadmium	**19.8**	ug/L	1.0	1	08/25/21 06:36	08/26/21 08:40	7440-43-9	P4
Chromium	**1010**	ug/L	4.0	1	08/25/21 06:36	08/26/21 08:40	7440-47-3	P4
Lead	**572**	ug/L	5.0	1	08/25/21 06:36	08/26/21 08:40	7439-92-1	P4
Selenium	**48.5**	ug/L	10.0	1	08/25/21 06:36	08/26/21 08:40	7782-49-2	P4
Silver	ND	ug/L	10.0	1	08/25/21 06:36	08/26/21 08:40	7440-22-4	P4
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470 Pace Analytical Services - Indianapolis							
Mercury	**0.80**	ug/L	0.20	1	08/31/21 10:32	08/31/21 20:47	7439-97-6	P4
8270 PAH by 3511	Analytical Method: EPA 8270 by SIM 40E Preparation Method: EPA 3511 Pace Analytical Services - Indianapolis							
Acenaphthene	ND	ug/L	10.0	1	08/23/21 12:02	08/23/21 20:20	83-32-9	
Acenaphthylene	ND	ug/L	10.0	1	08/23/21 12:02	08/23/21 20:20	208-96-8	
Anthracene	ND	ug/L	1.0	1	08/23/21 12:02	08/23/21 20:20	120-12-7	
Benzo(a)anthracene	ND	ug/L	1.0	1	08/23/21 12:02	08/23/21 20:20	56-55-3	
Benzo(a)pyrene	ND	ug/L	1.0	1	08/23/21 12:02	08/23/21 20:20	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	1.0	1	08/23/21 12:02	08/23/21 20:20	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	1.0	1	08/23/21 12:02	08/23/21 20:20	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	1.0	1	08/23/21 12:02	08/23/21 20:20	207-08-9	
Chrysene	ND	ug/L	5.0	1	08/23/21 12:02	08/23/21 20:20	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	0.92	1	08/23/21 12:02	08/23/21 20:20	53-70-3	
Fluoranthene	ND	ug/L	10.0	1	08/23/21 12:02	08/23/21 20:20	206-44-0	
Fluorene	ND	ug/L	10.0	1	08/23/21 12:02	08/23/21 20:20	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	ug/L	1.0	1	08/23/21 12:02	08/23/21 20:20	193-39-5	
1-Methylnaphthalene	ND	ug/L	10.0	1	08/23/21 12:02	08/23/21 20:20	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1	08/23/21 12:02	08/23/21 20:20	91-57-6	
Naphthalene	ND	ug/L	10.0	1	08/23/21 12:02	08/23/21 20:20	91-20-3	P1
Phenanthrene	ND	ug/L	10.0	1	08/23/21 12:02	08/23/21 20:20	85-01-8	
Pyrene	ND	ug/L	10.0	1	08/23/21 12:02	08/23/21 20:20	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	76	%.	57-136	1	08/23/21 12:02	08/23/21 20:20	321-60-8	
p-Terphenyl-d14 (S)	111	%.	67-147	1	08/23/21 12:02	08/23/21 20:20	1718-51-0	
8260/5030 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Indianapolis							
Acetone	ND	ug/L	100	1		08/26/21 03:53	67-64-1	
Acrolein	ND	ug/L	50.0	1		08/26/21 03:53	107-02-8	L2
Acrylonitrile	ND	ug/L	100	1		08/26/21 03:53	107-13-1	
Benzene	ND	ug/L	5.0	1		08/26/21 03:53	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		08/26/21 03:53	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1		08/26/21 03:53	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		08/26/21 03:53	75-27-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Robinson Construction (Warsaw)
Pace Project No.: 50295555

Sample: PB-3 **Lab ID: 50295555003** Collected: 08/19/21 16:00 Received: 08/20/21 08:40 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260/5030 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Indianapolis							
Bromoform	ND	ug/L	5.0	1		08/26/21 03:53	75-25-2	
Bromomethane	ND	ug/L	5.0	1		08/26/21 03:53	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		08/26/21 03:53	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	1		08/26/21 03:53	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	1		08/26/21 03:53	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		08/26/21 03:53	98-06-6	
Carbon disulfide	ND	ug/L	10.0	1		08/26/21 03:53	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		08/26/21 03:53	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		08/26/21 03:53	108-90-7	
Chloroethane	ND	ug/L	5.0	1		08/26/21 03:53	75-00-3	
Chloroform	ND	ug/L	5.0	1		08/26/21 03:53	67-66-3	
Chloromethane	ND	ug/L	5.0	1		08/26/21 03:53	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		08/26/21 03:53	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		08/26/21 03:53	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	1		08/26/21 03:53	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		08/26/21 03:53	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		08/26/21 03:53	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		08/26/21 03:53	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		08/26/21 03:53	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		08/26/21 03:53	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		08/26/21 03:53	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	1		08/26/21 03:53	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		08/26/21 03:53	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		08/26/21 03:53	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		08/26/21 03:53	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		08/26/21 03:53	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		08/26/21 03:53	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		08/26/21 03:53	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		08/26/21 03:53	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		08/26/21 03:53	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		08/26/21 03:53	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	4.7	1		08/26/21 03:53	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	4.7	1		08/26/21 03:53	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		08/26/21 03:53	100-41-4	
Ethyl methacrylate	ND	ug/L	100	1		08/26/21 03:53	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		08/26/21 03:53	87-68-3	
n-Hexane	ND	ug/L	5.0	1		08/26/21 03:53	110-54-3	
2-Hexanone	ND	ug/L	25.0	1		08/26/21 03:53	591-78-6	
Iodomethane	ND	ug/L	10.0	1		08/26/21 03:53	74-88-4	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		08/26/21 03:53	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1		08/26/21 03:53	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1		08/26/21 03:53	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		08/26/21 03:53	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		08/26/21 03:53	1634-04-4	
Naphthalene	ND	ug/L	5.0	1		08/26/21 03:53	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	1		08/26/21 03:53	103-65-1	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Robinson Construction (Warsaw)
Pace Project No.: 50295555

Sample: PB-3 **Lab ID: 50295555003** Collected: 08/19/21 16:00 Received: 08/20/21 08:40 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260/5030 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Indianapolis							
Styrene	ND	ug/L	5.0	1		08/26/21 03:53	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		08/26/21 03:53	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		08/26/21 03:53	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		08/26/21 03:53	127-18-4	
Toluene	ND	ug/L	5.0	1		08/26/21 03:53	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		08/26/21 03:53	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		08/26/21 03:53	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		08/26/21 03:53	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		08/26/21 03:53	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		08/26/21 03:53	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		08/26/21 03:53	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		08/26/21 03:53	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		08/26/21 03:53	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		08/26/21 03:53	108-67-8	
Vinyl acetate	ND	ug/L	50.0	1		08/26/21 03:53	108-05-4	
Vinyl chloride	ND	ug/L	2.0	1		08/26/21 03:53	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		08/26/21 03:53	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	103	%.	78-120	1		08/26/21 03:53	1868-53-7	
4-Bromofluorobenzene (S)	94	%.	78-117	1		08/26/21 03:53	460-00-4	
Toluene-d8 (S)	102	%.	77-118	1		08/26/21 03:53	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Robinson Construction (Warsaw)
Pace Project No.: 50295555

Sample: PB-4 **Lab ID: 50295555004** Collected: 08/19/21 10:55 Received: 08/20/21 08:40 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis							
Arsenic	**908**	ug/L	10.0	1	08/25/21 06:36	08/26/21 08:42	7440-38-2	P4
Barium	**2120**	ug/L	5.0	1	08/25/21 06:36	08/26/21 08:42	7440-39-3	P4
Cadmium	**30.4**	ug/L	1.0	1	08/25/21 06:36	08/26/21 08:42	7440-43-9	P4
Chromium	**1640**	ug/L	4.0	1	08/25/21 06:36	08/26/21 08:42	7440-47-3	P4
Lead	**715**	ug/L	5.0	1	08/25/21 06:36	08/26/21 08:42	7439-92-1	P4
Selenium	ND	ug/L	10.0	1	08/25/21 06:36	08/26/21 08:42	7782-49-2	P4
Silver	ND	ug/L	10.0	1	08/25/21 06:36	08/26/21 08:42	7440-22-4	P4
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470 Pace Analytical Services - Indianapolis							
Mercury	**2.2**	ug/L	0.20	1	08/31/21 10:32	08/31/21 20:49	7439-97-6	P4
8270 PAH by 3511	Analytical Method: EPA 8270 by SIM 40E Preparation Method: EPA 3511 Pace Analytical Services - Indianapolis							
Acenaphthene	ND	ug/L	1.0	1	08/23/21 12:02	08/23/21 20:30	83-32-9	
Acenaphthylene	ND	ug/L	1.0	1	08/23/21 12:02	08/23/21 20:30	208-96-8	
Anthracene	ND	ug/L	0.10	1	08/23/21 12:02	08/23/21 20:30	120-12-7	
Benzo(a)anthracene	ND	ug/L	0.10	1	08/23/21 12:02	08/23/21 20:30	56-55-3	
Benzo(a)pyrene	ND	ug/L	0.10	1	08/23/21 12:02	08/23/21 20:30	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	0.10	1	08/23/21 12:02	08/23/21 20:30	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	0.10	1	08/23/21 12:02	08/23/21 20:30	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	0.10	1	08/23/21 12:02	08/23/21 20:30	207-08-9	
Chrysene	ND	ug/L	0.50	1	08/23/21 12:02	08/23/21 20:30	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	0.092	1	08/23/21 12:02	08/23/21 20:30	53-70-3	
Fluoranthene	ND	ug/L	1.0	1	08/23/21 12:02	08/23/21 20:30	206-44-0	
Fluorene	ND	ug/L	1.0	1	08/23/21 12:02	08/23/21 20:30	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	ug/L	0.10	1	08/23/21 12:02	08/23/21 20:30	193-39-5	
1-Methylnaphthalene	ND	ug/L	1.0	1	08/23/21 12:02	08/23/21 20:30	90-12-0	
2-Methylnaphthalene	ND	ug/L	1.0	1	08/23/21 12:02	08/23/21 20:30	91-57-6	
Naphthalene	ND	ug/L	1.0	1	08/23/21 12:02	08/23/21 20:30	91-20-3	
Phenanthrene	ND	ug/L	1.0	1	08/23/21 12:02	08/23/21 20:30	85-01-8	
Pyrene	ND	ug/L	1.0	1	08/23/21 12:02	08/23/21 20:30	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	63	%.	57-136	1	08/23/21 12:02	08/23/21 20:30	321-60-8	
p-Terphenyl-d14 (S)	102	%.	67-147	1	08/23/21 12:02	08/23/21 20:30	1718-51-0	
8260/5030 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Indianapolis							
Acetone	ND	ug/L	100	1		08/26/21 04:23	67-64-1	
Acrolein	ND	ug/L	50.0	1		08/26/21 04:23	107-02-8	L2
Acrylonitrile	ND	ug/L	100	1		08/26/21 04:23	107-13-1	
Benzene	ND	ug/L	5.0	1		08/26/21 04:23	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		08/26/21 04:23	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1		08/26/21 04:23	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		08/26/21 04:23	75-27-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Robinson Construction (Warsaw)
Pace Project No.: 50295555

Sample: PB-4 **Lab ID: 50295555004** Collected: 08/19/21 10:55 Received: 08/20/21 08:40 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260/5030 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Indianapolis							
Bromoform	ND	ug/L	5.0	1		08/26/21 04:23	75-25-2	
Bromomethane	ND	ug/L	5.0	1		08/26/21 04:23	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		08/26/21 04:23	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	1		08/26/21 04:23	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	1		08/26/21 04:23	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		08/26/21 04:23	98-06-6	
Carbon disulfide	ND	ug/L	10.0	1		08/26/21 04:23	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		08/26/21 04:23	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		08/26/21 04:23	108-90-7	
Chloroethane	ND	ug/L	5.0	1		08/26/21 04:23	75-00-3	
Chloroform	ND	ug/L	5.0	1		08/26/21 04:23	67-66-3	
Chloromethane	ND	ug/L	5.0	1		08/26/21 04:23	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		08/26/21 04:23	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		08/26/21 04:23	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	1		08/26/21 04:23	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		08/26/21 04:23	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		08/26/21 04:23	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		08/26/21 04:23	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		08/26/21 04:23	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		08/26/21 04:23	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		08/26/21 04:23	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	1		08/26/21 04:23	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		08/26/21 04:23	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		08/26/21 04:23	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		08/26/21 04:23	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		08/26/21 04:23	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		08/26/21 04:23	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		08/26/21 04:23	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		08/26/21 04:23	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		08/26/21 04:23	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		08/26/21 04:23	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	4.7	1		08/26/21 04:23	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	4.7	1		08/26/21 04:23	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		08/26/21 04:23	100-41-4	
Ethyl methacrylate	ND	ug/L	100	1		08/26/21 04:23	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		08/26/21 04:23	87-68-3	
n-Hexane	ND	ug/L	5.0	1		08/26/21 04:23	110-54-3	
2-Hexanone	ND	ug/L	25.0	1		08/26/21 04:23	591-78-6	
Iodomethane	ND	ug/L	10.0	1		08/26/21 04:23	74-88-4	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		08/26/21 04:23	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1		08/26/21 04:23	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1		08/26/21 04:23	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		08/26/21 04:23	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		08/26/21 04:23	1634-04-4	
Naphthalene	ND	ug/L	5.0	1		08/26/21 04:23	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	1		08/26/21 04:23	103-65-1	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Robinson Construction (Warsaw)
Pace Project No.: 50295555

Sample: PB-4 **Lab ID: 50295555004** Collected: 08/19/21 10:55 Received: 08/20/21 08:40 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260/5030 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Indianapolis							
Styrene	ND	ug/L	5.0	1		08/26/21 04:23	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		08/26/21 04:23	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		08/26/21 04:23	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		08/26/21 04:23	127-18-4	
Toluene	ND	ug/L	5.0	1		08/26/21 04:23	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		08/26/21 04:23	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		08/26/21 04:23	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		08/26/21 04:23	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		08/26/21 04:23	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		08/26/21 04:23	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		08/26/21 04:23	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		08/26/21 04:23	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		08/26/21 04:23	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		08/26/21 04:23	108-67-8	
Vinyl acetate	ND	ug/L	50.0	1		08/26/21 04:23	108-05-4	
Vinyl chloride	ND	ug/L	2.0	1		08/26/21 04:23	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		08/26/21 04:23	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	102	%.	78-120	1		08/26/21 04:23	1868-53-7	
4-Bromofluorobenzene (S)	96	%.	78-117	1		08/26/21 04:23	460-00-4	
Toluene-d8 (S)	103	%.	77-118	1		08/26/21 04:23	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Robinson Construction (Warsaw)
Pace Project No.: 50295555

Sample: PB-5 **Lab ID: 50295555005** Collected: 08/19/21 11:50 Received: 08/20/21 08:40 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis							
Arsenic	**342**	ug/L	10.0	1	08/25/21 06:36	08/26/21 08:49	7440-38-2	P4
Barium	**1470**	ug/L	5.0	1	08/25/21 06:36	08/26/21 08:49	7440-39-3	P4
Cadmium	**18.7**	ug/L	1.0	1	08/25/21 06:36	08/26/21 08:49	7440-43-9	P4
Chromium	**1900**	ug/L	4.0	1	08/25/21 06:36	08/26/21 08:49	7440-47-3	P4
Lead	**599**	ug/L	5.0	1	08/25/21 06:36	08/26/21 08:49	7439-92-1	P4
Selenium	ND	ug/L	10.0	1	08/25/21 06:36	08/26/21 08:49	7782-49-2	P4
Silver	ND	ug/L	10.0	1	08/25/21 06:36	08/26/21 08:49	7440-22-4	P4
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470 Pace Analytical Services - Indianapolis							
Mercury	ND	ug/L	0.20	1	08/31/21 10:32	08/31/21 20:51	7439-97-6	P4
8270 PAH by 3511	Analytical Method: EPA 8270 by SIM 40E Preparation Method: EPA 3511 Pace Analytical Services - Indianapolis							
Acenaphthene	ND	ug/L	1.0	1	08/23/21 12:02	08/23/21 20:41	83-32-9	
Acenaphthylene	ND	ug/L	1.0	1	08/23/21 12:02	08/23/21 20:41	208-96-8	
Anthracene	ND	ug/L	0.10	1	08/23/21 12:02	08/23/21 20:41	120-12-7	
Benzo(a)anthracene	ND	ug/L	0.10	1	08/23/21 12:02	08/23/21 20:41	56-55-3	
Benzo(a)pyrene	ND	ug/L	0.10	1	08/23/21 12:02	08/23/21 20:41	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	0.10	1	08/23/21 12:02	08/23/21 20:41	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	0.10	1	08/23/21 12:02	08/23/21 20:41	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	0.10	1	08/23/21 12:02	08/23/21 20:41	207-08-9	
Chrysene	ND	ug/L	0.50	1	08/23/21 12:02	08/23/21 20:41	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	0.092	1	08/23/21 12:02	08/23/21 20:41	53-70-3	
Fluoranthene	ND	ug/L	1.0	1	08/23/21 12:02	08/23/21 20:41	206-44-0	
Fluorene	ND	ug/L	1.0	1	08/23/21 12:02	08/23/21 20:41	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	ug/L	0.10	1	08/23/21 12:02	08/23/21 20:41	193-39-5	
1-Methylnaphthalene	ND	ug/L	1.0	1	08/23/21 12:02	08/23/21 20:41	90-12-0	
2-Methylnaphthalene	ND	ug/L	1.0	1	08/23/21 12:02	08/23/21 20:41	91-57-6	
Naphthalene	ND	ug/L	1.0	1	08/23/21 12:02	08/23/21 20:41	91-20-3	
Phenanthrene	ND	ug/L	1.0	1	08/23/21 12:02	08/23/21 20:41	85-01-8	
Pyrene	ND	ug/L	1.0	1	08/23/21 12:02	08/23/21 20:41	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	73	%.	57-136	1	08/23/21 12:02	08/23/21 20:41	321-60-8	
p-Terphenyl-d14 (S)	101	%.	67-147	1	08/23/21 12:02	08/23/21 20:41	1718-51-0	
8260/5030 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Indianapolis							
Acetone	ND	ug/L	100	1		08/26/21 04:52	67-64-1	
Acrolein	ND	ug/L	50.0	1		08/26/21 04:52	107-02-8	L2
Acrylonitrile	ND	ug/L	100	1		08/26/21 04:52	107-13-1	
Benzene	ND	ug/L	5.0	1		08/26/21 04:52	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		08/26/21 04:52	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1		08/26/21 04:52	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		08/26/21 04:52	75-27-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Robinson Construction (Warsaw)
Pace Project No.: 50295555

Sample: PB-5 **Lab ID: 50295555005** Collected: 08/19/21 11:50 Received: 08/20/21 08:40 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260/5030 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Indianapolis							
Bromoform	ND	ug/L	5.0	1		08/26/21 04:52	75-25-2	
Bromomethane	ND	ug/L	5.0	1		08/26/21 04:52	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		08/26/21 04:52	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	1		08/26/21 04:52	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	1		08/26/21 04:52	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		08/26/21 04:52	98-06-6	
Carbon disulfide	ND	ug/L	10.0	1		08/26/21 04:52	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		08/26/21 04:52	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		08/26/21 04:52	108-90-7	
Chloroethane	ND	ug/L	5.0	1		08/26/21 04:52	75-00-3	
Chloroform	ND	ug/L	5.0	1		08/26/21 04:52	67-66-3	
Chloromethane	ND	ug/L	5.0	1		08/26/21 04:52	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		08/26/21 04:52	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		08/26/21 04:52	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	1		08/26/21 04:52	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		08/26/21 04:52	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		08/26/21 04:52	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		08/26/21 04:52	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		08/26/21 04:52	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		08/26/21 04:52	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		08/26/21 04:52	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	1		08/26/21 04:52	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		08/26/21 04:52	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		08/26/21 04:52	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		08/26/21 04:52	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		08/26/21 04:52	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		08/26/21 04:52	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		08/26/21 04:52	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		08/26/21 04:52	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		08/26/21 04:52	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		08/26/21 04:52	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	4.7	1		08/26/21 04:52	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	4.7	1		08/26/21 04:52	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		08/26/21 04:52	100-41-4	
Ethyl methacrylate	ND	ug/L	100	1		08/26/21 04:52	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		08/26/21 04:52	87-68-3	
n-Hexane	ND	ug/L	5.0	1		08/26/21 04:52	110-54-3	
2-Hexanone	ND	ug/L	25.0	1		08/26/21 04:52	591-78-6	
Iodomethane	ND	ug/L	10.0	1		08/26/21 04:52	74-88-4	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		08/26/21 04:52	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1		08/26/21 04:52	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1		08/26/21 04:52	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		08/26/21 04:52	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		08/26/21 04:52	1634-04-4	
Naphthalene	ND	ug/L	5.0	1		08/26/21 04:52	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	1		08/26/21 04:52	103-65-1	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Robinson Construction (Warsaw)
Pace Project No.: 50295555

Sample: PB-5 **Lab ID: 50295555005** Collected: 08/19/21 11:50 Received: 08/20/21 08:40 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260/5030 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Indianapolis							
Styrene	ND	ug/L	5.0	1		08/26/21 04:52	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		08/26/21 04:52	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		08/26/21 04:52	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		08/26/21 04:52	127-18-4	
Toluene	ND	ug/L	5.0	1		08/26/21 04:52	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		08/26/21 04:52	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		08/26/21 04:52	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		08/26/21 04:52	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		08/26/21 04:52	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		08/26/21 04:52	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		08/26/21 04:52	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		08/26/21 04:52	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		08/26/21 04:52	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		08/26/21 04:52	108-67-8	
Vinyl acetate	ND	ug/L	50.0	1		08/26/21 04:52	108-05-4	
Vinyl chloride	ND	ug/L	2.0	1		08/26/21 04:52	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		08/26/21 04:52	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	103	%.	78-120	1		08/26/21 04:52	1868-53-7	
4-Bromofluorobenzene (S)	94	%.	78-117	1		08/26/21 04:52	460-00-4	
Toluene-d8 (S)	103	%.	77-118	1		08/26/21 04:52	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Robinson Construction (Warsaw)
Pace Project No.: 50295555

Sample: PB-6 **Lab ID: 50295555006** Collected: 08/19/21 12:50 Received: 08/20/21 08:40 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis							
Arsenic	**345**	ug/L	10.0	1	08/25/21 06:36	08/26/21 08:52	7440-38-2	P4
Barium	**922**	ug/L	5.0	1	08/25/21 06:36	08/26/21 08:52	7440-39-3	P4
Cadmium	**27.2**	ug/L	1.0	1	08/25/21 06:36	08/26/21 08:52	7440-43-9	P4
Chromium	**847**	ug/L	4.0	1	08/25/21 06:36	08/26/21 08:52	7440-47-3	P4
Lead	**1010**	ug/L	5.0	1	08/25/21 06:36	08/26/21 08:52	7439-92-1	P4
Selenium	ND	ug/L	10.0	1	08/25/21 06:36	08/26/21 08:52	7782-49-2	P4
Silver	ND	ug/L	10.0	1	08/25/21 06:36	08/26/21 08:52	7440-22-4	P4
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470 Pace Analytical Services - Indianapolis							
Mercury	**1.7**	ug/L	0.20	1	08/31/21 10:32	08/31/21 20:53	7439-97-6	P4
8270 PAH by 3511	Analytical Method: EPA 8270 by SIM 40E Preparation Method: EPA 3511 Pace Analytical Services - Indianapolis							
Acenaphthene	ND	ug/L	10.0	1	08/23/21 12:02	08/23/21 20:52	83-32-9	
Acenaphthylene	ND	ug/L	10.0	1	08/23/21 12:02	08/23/21 20:52	208-96-8	
Anthracene	ND	ug/L	1.0	1	08/23/21 12:02	08/23/21 20:52	120-12-7	
Benzo(a)anthracene	ND	ug/L	1.0	1	08/23/21 12:02	08/23/21 20:52	56-55-3	
Benzo(a)pyrene	ND	ug/L	1.0	1	08/23/21 12:02	08/23/21 20:52	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	1.0	1	08/23/21 12:02	08/23/21 20:52	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	1.0	1	08/23/21 12:02	08/23/21 20:52	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	1.0	1	08/23/21 12:02	08/23/21 20:52	207-08-9	
Chrysene	ND	ug/L	5.0	1	08/23/21 12:02	08/23/21 20:52	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	0.92	1	08/23/21 12:02	08/23/21 20:52	53-70-3	
Fluoranthene	ND	ug/L	10.0	1	08/23/21 12:02	08/23/21 20:52	206-44-0	
Fluorene	ND	ug/L	10.0	1	08/23/21 12:02	08/23/21 20:52	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	ug/L	1.0	1	08/23/21 12:02	08/23/21 20:52	193-39-5	
1-Methylnaphthalene	ND	ug/L	10.0	1	08/23/21 12:02	08/23/21 20:52	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1	08/23/21 12:02	08/23/21 20:52	91-57-6	
Naphthalene	ND	ug/L	10.0	1	08/23/21 12:02	08/23/21 20:52	91-20-3	P1
Phenanthrene	ND	ug/L	10.0	1	08/23/21 12:02	08/23/21 20:52	85-01-8	
Pyrene	ND	ug/L	10.0	1	08/23/21 12:02	08/23/21 20:52	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	67	%.	57-136	1	08/23/21 12:02	08/23/21 20:52	321-60-8	
p-Terphenyl-d14 (S)	109	%.	67-147	1	08/23/21 12:02	08/23/21 20:52	1718-51-0	
8260/5030 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Indianapolis							
Acetone	ND	ug/L	100	1		08/26/21 05:22	67-64-1	
Acrolein	ND	ug/L	50.0	1		08/26/21 05:22	107-02-8	L2
Acrylonitrile	ND	ug/L	100	1		08/26/21 05:22	107-13-1	
Benzene	ND	ug/L	5.0	1		08/26/21 05:22	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		08/26/21 05:22	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1		08/26/21 05:22	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		08/26/21 05:22	75-27-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Robinson Construction (Warsaw)
Pace Project No.: 50295555

Sample: PB-6 **Lab ID: 50295555006** Collected: 08/19/21 12:50 Received: 08/20/21 08:40 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260/5030 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Indianapolis							
Bromoform	ND	ug/L	5.0	1		08/26/21 05:22	75-25-2	
Bromomethane	ND	ug/L	5.0	1		08/26/21 05:22	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		08/26/21 05:22	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	1		08/26/21 05:22	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	1		08/26/21 05:22	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		08/26/21 05:22	98-06-6	
Carbon disulfide	ND	ug/L	10.0	1		08/26/21 05:22	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		08/26/21 05:22	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		08/26/21 05:22	108-90-7	
Chloroethane	ND	ug/L	5.0	1		08/26/21 05:22	75-00-3	
Chloroform	ND	ug/L	5.0	1		08/26/21 05:22	67-66-3	
Chloromethane	ND	ug/L	5.0	1		08/26/21 05:22	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		08/26/21 05:22	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		08/26/21 05:22	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	1		08/26/21 05:22	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		08/26/21 05:22	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		08/26/21 05:22	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		08/26/21 05:22	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		08/26/21 05:22	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		08/26/21 05:22	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		08/26/21 05:22	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	1		08/26/21 05:22	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		08/26/21 05:22	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		08/26/21 05:22	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		08/26/21 05:22	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		08/26/21 05:22	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		08/26/21 05:22	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		08/26/21 05:22	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		08/26/21 05:22	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		08/26/21 05:22	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		08/26/21 05:22	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	4.7	1		08/26/21 05:22	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	4.7	1		08/26/21 05:22	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		08/26/21 05:22	100-41-4	
Ethyl methacrylate	ND	ug/L	100	1		08/26/21 05:22	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		08/26/21 05:22	87-68-3	
n-Hexane	ND	ug/L	5.0	1		08/26/21 05:22	110-54-3	
2-Hexanone	ND	ug/L	25.0	1		08/26/21 05:22	591-78-6	
Iodomethane	ND	ug/L	10.0	1		08/26/21 05:22	74-88-4	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		08/26/21 05:22	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1		08/26/21 05:22	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1		08/26/21 05:22	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		08/26/21 05:22	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		08/26/21 05:22	1634-04-4	
Naphthalene	ND	ug/L	5.0	1		08/26/21 05:22	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	1		08/26/21 05:22	103-65-1	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Robinson Construction (Warsaw)
Pace Project No.: 50295555

Sample: PB-6 **Lab ID: 50295555006** Collected: 08/19/21 12:50 Received: 08/20/21 08:40 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260/5030 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Indianapolis							
Styrene	ND	ug/L	5.0	1		08/26/21 05:22	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		08/26/21 05:22	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		08/26/21 05:22	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		08/26/21 05:22	127-18-4	
Toluene	ND	ug/L	5.0	1		08/26/21 05:22	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		08/26/21 05:22	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		08/26/21 05:22	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		08/26/21 05:22	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		08/26/21 05:22	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		08/26/21 05:22	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		08/26/21 05:22	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		08/26/21 05:22	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		08/26/21 05:22	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		08/26/21 05:22	108-67-8	
Vinyl acetate	ND	ug/L	50.0	1		08/26/21 05:22	108-05-4	
Vinyl chloride	ND	ug/L	2.0	1		08/26/21 05:22	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		08/26/21 05:22	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	102	%.	78-120	1		08/26/21 05:22	1868-53-7	
4-Bromofluorobenzene (S)	93	%.	78-117	1		08/26/21 05:22	460-00-4	
Toluene-d8 (S)	102	%.	77-118	1		08/26/21 05:22	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Robinson Construction (Warsaw)
Pace Project No.: 50295555

Sample: Dup-1 **Lab ID: 50295555007** Collected: 08/19/21 08:00 Received: 08/20/21 08:40 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
	Pace Analytical Services - Indianapolis							
Arsenic	**756**	ug/L	10.0	1	08/25/21 06:36	08/26/21 08:54	7440-38-2	P4
Barium	**754**	ug/L	5.0	1	08/25/21 06:36	08/26/21 08:54	7440-39-3	P4
Cadmium	**17.6**	ug/L	1.0	1	08/25/21 06:36	08/26/21 08:54	7440-43-9	P4
Chromium	**786**	ug/L	4.0	1	08/25/21 06:36	08/26/21 08:54	7440-47-3	P4
Lead	**534**	ug/L	5.0	1	08/25/21 06:36	08/26/21 08:54	7439-92-1	P4
Selenium	**54.6**	ug/L	10.0	1	08/25/21 06:36	08/26/21 08:54	7782-49-2	P4
Silver	ND	ug/L	10.0	1	08/25/21 06:36	08/26/21 08:54	7440-22-4	P4
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470							
	Pace Analytical Services - Indianapolis							
Mercury	**0.58**	ug/L	0.20	1	08/31/21 10:32	08/31/21 20:55	7439-97-6	P4
8270 PAH by 3511	Analytical Method: EPA 8270 by SIM 40E Preparation Method: EPA 3511							
	Pace Analytical Services - Indianapolis							
Acenaphthene	ND	ug/L	1.0	1	08/23/21 12:02	08/23/21 21:02	83-32-9	
Acenaphthylene	ND	ug/L	1.0	1	08/23/21 12:02	08/23/21 21:02	208-96-8	
Anthracene	ND	ug/L	0.10	1	08/23/21 12:02	08/23/21 21:02	120-12-7	
Benzo(a)anthracene	ND	ug/L	0.10	1	08/23/21 12:02	08/23/21 21:02	56-55-3	
Benzo(a)pyrene	ND	ug/L	0.10	1	08/23/21 12:02	08/23/21 21:02	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	0.10	1	08/23/21 12:02	08/23/21 21:02	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	0.10	1	08/23/21 12:02	08/23/21 21:02	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	0.10	1	08/23/21 12:02	08/23/21 21:02	207-08-9	
Chrysene	ND	ug/L	0.50	1	08/23/21 12:02	08/23/21 21:02	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	0.092	1	08/23/21 12:02	08/23/21 21:02	53-70-3	
Fluoranthene	ND	ug/L	1.0	1	08/23/21 12:02	08/23/21 21:02	206-44-0	
Fluorene	ND	ug/L	1.0	1	08/23/21 12:02	08/23/21 21:02	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	ug/L	0.10	1	08/23/21 12:02	08/23/21 21:02	193-39-5	
1-Methylnaphthalene	ND	ug/L	1.0	1	08/23/21 12:02	08/23/21 21:02	90-12-0	
2-Methylnaphthalene	ND	ug/L	1.0	1	08/23/21 12:02	08/23/21 21:02	91-57-6	
Naphthalene	ND	ug/L	1.0	1	08/23/21 12:02	08/23/21 21:02	91-20-3	
Phenanthrene	ND	ug/L	1.0	1	08/23/21 12:02	08/23/21 21:02	85-01-8	
Pyrene	ND	ug/L	1.0	1	08/23/21 12:02	08/23/21 21:02	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	75	%.	57-136	1	08/23/21 12:02	08/23/21 21:02	321-60-8	
p-Terphenyl-d14 (S)	109	%.	67-147	1	08/23/21 12:02	08/23/21 21:02	1718-51-0	
8260/5030 MSV	Analytical Method: EPA 8260							
	Pace Analytical Services - Indianapolis							
Acetone	ND	ug/L	100	1		08/26/21 05:51	67-64-1	
Acrolein	ND	ug/L	50.0	1		08/26/21 05:51	107-02-8	L2
Acrylonitrile	ND	ug/L	100	1		08/26/21 05:51	107-13-1	
Benzene	ND	ug/L	5.0	1		08/26/21 05:51	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		08/26/21 05:51	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1		08/26/21 05:51	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		08/26/21 05:51	75-27-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Robinson Construction (Warsaw)
Pace Project No.: 50295555

Sample: Dup-1 **Lab ID: 50295555007** Collected: 08/19/21 08:00 Received: 08/20/21 08:40 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260/5030 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Indianapolis							
Bromoform	ND	ug/L	5.0	1		08/26/21 05:51	75-25-2	
Bromomethane	ND	ug/L	5.0	1		08/26/21 05:51	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		08/26/21 05:51	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	1		08/26/21 05:51	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	1		08/26/21 05:51	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		08/26/21 05:51	98-06-6	
Carbon disulfide	ND	ug/L	10.0	1		08/26/21 05:51	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		08/26/21 05:51	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		08/26/21 05:51	108-90-7	
Chloroethane	ND	ug/L	5.0	1		08/26/21 05:51	75-00-3	
Chloroform	ND	ug/L	5.0	1		08/26/21 05:51	67-66-3	
Chloromethane	ND	ug/L	5.0	1		08/26/21 05:51	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		08/26/21 05:51	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		08/26/21 05:51	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	1		08/26/21 05:51	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		08/26/21 05:51	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		08/26/21 05:51	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		08/26/21 05:51	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		08/26/21 05:51	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		08/26/21 05:51	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		08/26/21 05:51	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	1		08/26/21 05:51	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		08/26/21 05:51	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		08/26/21 05:51	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		08/26/21 05:51	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		08/26/21 05:51	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		08/26/21 05:51	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		08/26/21 05:51	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		08/26/21 05:51	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		08/26/21 05:51	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		08/26/21 05:51	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	4.7	1		08/26/21 05:51	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	4.7	1		08/26/21 05:51	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		08/26/21 05:51	100-41-4	
Ethyl methacrylate	ND	ug/L	100	1		08/26/21 05:51	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		08/26/21 05:51	87-68-3	
n-Hexane	ND	ug/L	5.0	1		08/26/21 05:51	110-54-3	
2-Hexanone	ND	ug/L	25.0	1		08/26/21 05:51	591-78-6	
Iodomethane	ND	ug/L	10.0	1		08/26/21 05:51	74-88-4	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		08/26/21 05:51	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1		08/26/21 05:51	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1		08/26/21 05:51	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		08/26/21 05:51	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		08/26/21 05:51	1634-04-4	
Naphthalene	ND	ug/L	5.0	1		08/26/21 05:51	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	1		08/26/21 05:51	103-65-1	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Robinson Construction (Warsaw)
Pace Project No.: 50295555

Sample: Dup-1 **Lab ID: 50295555007** Collected: 08/19/21 08:00 Received: 08/20/21 08:40 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260/5030 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Indianapolis							
Styrene	ND	ug/L	5.0	1		08/26/21 05:51	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		08/26/21 05:51	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		08/26/21 05:51	79-34-5	
Tetrachloroethene	**5.1**	ug/L	5.0	1		08/26/21 05:51	127-18-4	
Toluene	ND	ug/L	5.0	1		08/26/21 05:51	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		08/26/21 05:51	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		08/26/21 05:51	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		08/26/21 05:51	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		08/26/21 05:51	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		08/26/21 05:51	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		08/26/21 05:51	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		08/26/21 05:51	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		08/26/21 05:51	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		08/26/21 05:51	108-67-8	
Vinyl acetate	ND	ug/L	50.0	1		08/26/21 05:51	108-05-4	
Vinyl chloride	ND	ug/L	2.0	1		08/26/21 05:51	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		08/26/21 05:51	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	103	%.	78-120	1		08/26/21 05:51	1868-53-7	
4-Bromofluorobenzene (S)	94	%.	78-117	1		08/26/21 05:51	460-00-4	
Toluene-d8 (S)	102	%.	77-118	1		08/26/21 05:51	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Robinson Construction (Warsaw)
Pace Project No.: 50295555

Sample: Trip Blank **Lab ID: 50295555008** Collected: 08/19/21 08:00 Received: 08/20/21 08:40 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260/5030 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Indianapolis							
Acetone	ND	ug/L	100	1		08/26/21 06:20	67-64-1	
Acrolein	ND	ug/L	50.0	1		08/26/21 06:20	107-02-8	L2
Acrylonitrile	ND	ug/L	100	1		08/26/21 06:20	107-13-1	
Benzene	ND	ug/L	5.0	1		08/26/21 06:20	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		08/26/21 06:20	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1		08/26/21 06:20	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		08/26/21 06:20	75-27-4	
Bromoform	ND	ug/L	5.0	1		08/26/21 06:20	75-25-2	
Bromomethane	ND	ug/L	5.0	1		08/26/21 06:20	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		08/26/21 06:20	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	1		08/26/21 06:20	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	1		08/26/21 06:20	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		08/26/21 06:20	98-06-6	
Carbon disulfide	ND	ug/L	10.0	1		08/26/21 06:20	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		08/26/21 06:20	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		08/26/21 06:20	108-90-7	
Chloroethane	ND	ug/L	5.0	1		08/26/21 06:20	75-00-3	
Chloroform	ND	ug/L	5.0	1		08/26/21 06:20	67-66-3	
Chloromethane	ND	ug/L	5.0	1		08/26/21 06:20	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		08/26/21 06:20	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		08/26/21 06:20	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	1		08/26/21 06:20	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		08/26/21 06:20	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		08/26/21 06:20	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		08/26/21 06:20	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		08/26/21 06:20	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		08/26/21 06:20	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		08/26/21 06:20	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	1		08/26/21 06:20	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		08/26/21 06:20	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		08/26/21 06:20	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		08/26/21 06:20	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		08/26/21 06:20	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		08/26/21 06:20	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		08/26/21 06:20	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		08/26/21 06:20	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		08/26/21 06:20	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		08/26/21 06:20	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	4.7	1		08/26/21 06:20	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	4.7	1		08/26/21 06:20	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		08/26/21 06:20	100-41-4	
Ethyl methacrylate	ND	ug/L	100	1		08/26/21 06:20	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		08/26/21 06:20	87-68-3	
n-Hexane	ND	ug/L	5.0	1		08/26/21 06:20	110-54-3	
2-Hexanone	ND	ug/L	25.0	1		08/26/21 06:20	591-78-6	
Iodomethane	ND	ug/L	10.0	1		08/26/21 06:20	74-88-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Robinson Construction (Warsaw)
Pace Project No.: 50295555

Sample: Trip Blank **Lab ID: 50295555008** Collected: 08/19/21 08:00 Received: 08/20/21 08:40 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260/5030 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Indianapolis							
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		08/26/21 06:20	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1		08/26/21 06:20	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1		08/26/21 06:20	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		08/26/21 06:20	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		08/26/21 06:20	1634-04-4	
Naphthalene	ND	ug/L	5.0	1		08/26/21 06:20	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	1		08/26/21 06:20	103-65-1	
Styrene	ND	ug/L	5.0	1		08/26/21 06:20	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		08/26/21 06:20	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		08/26/21 06:20	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		08/26/21 06:20	127-18-4	
Toluene	ND	ug/L	5.0	1		08/26/21 06:20	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		08/26/21 06:20	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		08/26/21 06:20	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		08/26/21 06:20	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		08/26/21 06:20	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		08/26/21 06:20	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		08/26/21 06:20	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		08/26/21 06:20	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		08/26/21 06:20	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		08/26/21 06:20	108-67-8	
Vinyl acetate	ND	ug/L	50.0	1		08/26/21 06:20	108-05-4	
Vinyl chloride	ND	ug/L	2.0	1		08/26/21 06:20	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		08/26/21 06:20	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	104	%.	78-120	1		08/26/21 06:20	1868-53-7	
4-Bromofluorobenzene (S)	94	%.	78-117	1		08/26/21 06:20	460-00-4	
Toluene-d8 (S)	102	%.	77-118	1		08/26/21 06:20	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Robinson Construction (Warsaw)
Pace Project No.: 50295555

QC Batch: 637012 | Analysis Method: EPA 7470
QC Batch Method: EPA 7470 | Analysis Description: 7470 Mercury
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50295555001, 50295555002, 50295555003, 50295555004, 50295555005, 50295555006, 50295555007

METHOD BLANK: 2933741 Matrix: Water
Associated Lab Samples: 50295555001, 50295555002, 50295555003, 50295555004, 50295555005, 50295555006, 50295555007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	ug/L	ND	0.20	08/31/21 20:30	

LABORATORY CONTROL SAMPLE: 2933742

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	5	5.4	108	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2933743 2933744

Parameter	Units	50295626001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	ug/L	ND	5	5	4.1	3.8	82	77	75-125	7	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
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Robinson Construction (Warsaw)
Pace Project No.: 50295555

QC Batch: 636769
QC Batch Method: EPA 3010
Analysis Method: EPA 6010
Analysis Description: 6010 MET
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50295555001, 50295555002, 50295555003, 50295555004, 50295555005, 50295555006, 50295555007

METHOD BLANK: 2932613 Matrix: Water
Associated Lab Samples: 50295555001, 50295555002, 50295555003, 50295555004, 50295555005, 50295555006, 50295555007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	ug/L	ND	10.0	08/26/21 08:22	
Barium	ug/L	ND	5.0	08/26/21 08:22	
Cadmium	ug/L	ND	1.0	08/26/21 08:22	
Chromium	ug/L	ND	4.0	08/26/21 08:22	
Lead	ug/L	ND	5.0	08/26/21 08:22	
Selenium	ug/L	ND	10.0	08/26/21 08:22	
Silver	ug/L	ND	10.0	08/26/21 08:22	

LABORATORY CONTROL SAMPLE: 2932614

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	ug/L	1000	1030	103	80-120	
Barium	ug/L	1000	1010	101	80-120	
Cadmium	ug/L	1000	980	98	80-120	
Chromium	ug/L	1000	1020	102	80-120	
Lead	ug/L	1000	956	96	80-120	
Selenium	ug/L	1000	982	98	80-120	
Silver	ug/L	500	476	95	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2932615 2932616

Parameter	Units	50295555002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Arsenic	ug/L	420	1000	1000	1390	1370	97	95	75-125	1	20	
Barium	ug/L	659	1000	1000	1560	1590	90	93	75-125	2	20	
Cadmium	ug/L	11.0	1000	1000	951	959	94	95	75-125	1	20	
Chromium	ug/L	943	1000	1000	1740	1760	80	82	75-125	1	20	
Lead	ug/L	294	1000	1000	990	987	70	69	75-125	0	20	M3
Selenium	ug/L	20.6	1000	1000	941	946	92	92	75-125	0	20	
Silver	ug/L	ND	500	500	489	495	98	99	75-125	1	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
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Robinson Construction (Warsaw)
Pace Project No.: 50295555

QC Batch: 637229
QC Batch Method: EPA 8260
Analysis Method: EPA 8260
Analysis Description: 8260 MSV
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50295555001, 50295555002, 50295555003, 50295555004, 50295555005, 50295555006, 50295555007, 50295555008

METHOD BLANK: 2934539
Matrix: Water
Associated Lab Samples: 50295555001, 50295555002, 50295555003, 50295555004, 50295555005, 50295555006, 50295555007, 50295555008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	5.0	08/26/21 02:25	
1,1,1-Trichloroethane	ug/L	ND	5.0	08/26/21 02:25	
1,1,2,2-Tetrachloroethane	ug/L	ND	5.0	08/26/21 02:25	
1,1,2-Trichloroethane	ug/L	ND	5.0	08/26/21 02:25	
1,1-Dichloroethane	ug/L	ND	5.0	08/26/21 02:25	
1,1-Dichloroethene	ug/L	ND	5.0	08/26/21 02:25	
1,1-Dichloropropene	ug/L	ND	5.0	08/26/21 02:25	
1,2,3-Trichlorobenzene	ug/L	ND	5.0	08/26/21 02:25	
1,2,3-Trichloropropane	ug/L	ND	5.0	08/26/21 02:25	
1,2,4-Trichlorobenzene	ug/L	ND	5.0	08/26/21 02:25	
1,2,4-Trimethylbenzene	ug/L	ND	5.0	08/26/21 02:25	
1,2-Dibromoethane (EDB)	ug/L	ND	5.0	08/26/21 02:25	
1,2-Dichlorobenzene	ug/L	ND	5.0	08/26/21 02:25	
1,2-Dichloroethane	ug/L	ND	5.0	08/26/21 02:25	
1,2-Dichloropropane	ug/L	ND	5.0	08/26/21 02:25	
1,3,5-Trimethylbenzene	ug/L	ND	5.0	08/26/21 02:25	
1,3-Dichlorobenzene	ug/L	ND	5.0	08/26/21 02:25	
1,3-Dichloropropane	ug/L	ND	5.0	08/26/21 02:25	
1,4-Dichlorobenzene	ug/L	ND	5.0	08/26/21 02:25	
2,2-Dichloropropane	ug/L	ND	5.0	08/26/21 02:25	
2-Butanone (MEK)	ug/L	ND	25.0	08/26/21 02:25	
2-Chlorotoluene	ug/L	ND	5.0	08/26/21 02:25	
2-Hexanone	ug/L	ND	25.0	08/26/21 02:25	
4-Chlorotoluene	ug/L	ND	5.0	08/26/21 02:25	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	25.0	08/26/21 02:25	
Acetone	ug/L	ND	100	08/26/21 02:25	
Acrolein	ug/L	ND	50.0	08/26/21 02:25	
Acrylonitrile	ug/L	ND	100	08/26/21 02:25	
Benzene	ug/L	ND	5.0	08/26/21 02:25	
Bromobenzene	ug/L	ND	5.0	08/26/21 02:25	
Bromochloromethane	ug/L	ND	5.0	08/26/21 02:25	
Bromodichloromethane	ug/L	ND	5.0	08/26/21 02:25	
Bromoform	ug/L	ND	5.0	08/26/21 02:25	
Bromomethane	ug/L	ND	5.0	08/26/21 02:25	
Carbon disulfide	ug/L	ND	10.0	08/26/21 02:25	
Carbon tetrachloride	ug/L	ND	5.0	08/26/21 02:25	
Chlorobenzene	ug/L	ND	5.0	08/26/21 02:25	
Chloroethane	ug/L	ND	5.0	08/26/21 02:25	
Chloroform	ug/L	ND	5.0	08/26/21 02:25	

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
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Robinson Construction (Warsaw)
Pace Project No.: 50295555

METHOD BLANK: 2934539 Matrix: Water

Associated Lab Samples: 50295555001, 50295555002, 50295555003, 50295555004, 50295555005, 50295555006, 50295555007, 50295555008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chloromethane	ug/L	ND	5.0	08/26/21 02:25	
cis-1,2-Dichloroethene	ug/L	ND	5.0	08/26/21 02:25	
cis-1,3-Dichloropropene	ug/L	ND	4.7	08/26/21 02:25	
Dibromochloromethane	ug/L	ND	5.0	08/26/21 02:25	
Dibromomethane	ug/L	ND	5.0	08/26/21 02:25	
Dichlorodifluoromethane	ug/L	ND	5.0	08/26/21 02:25	
Ethyl methacrylate	ug/L	ND	100	08/26/21 02:25	
Ethylbenzene	ug/L	ND	5.0	08/26/21 02:25	
Hexachloro-1,3-butadiene	ug/L	ND	5.0	08/26/21 02:25	
Iodomethane	ug/L	ND	10.0	08/26/21 02:25	
Isopropylbenzene (Cumene)	ug/L	ND	5.0	08/26/21 02:25	
Methyl-tert-butyl ether	ug/L	ND	4.0	08/26/21 02:25	
Methylene Chloride	ug/L	ND	5.0	08/26/21 02:25	
n-Butylbenzene	ug/L	ND	5.0	08/26/21 02:25	
n-Hexane	ug/L	ND	5.0	08/26/21 02:25	
n-Propylbenzene	ug/L	ND	5.0	08/26/21 02:25	
Naphthalene	ug/L	ND	5.0	08/26/21 02:25	
p-Isopropyltoluene	ug/L	ND	5.0	08/26/21 02:25	
sec-Butylbenzene	ug/L	ND	5.0	08/26/21 02:25	
Styrene	ug/L	ND	5.0	08/26/21 02:25	
tert-Butylbenzene	ug/L	ND	5.0	08/26/21 02:25	
Tetrachloroethene	ug/L	ND	5.0	08/26/21 02:25	
Toluene	ug/L	ND	5.0	08/26/21 02:25	
trans-1,2-Dichloroethene	ug/L	ND	5.0	08/26/21 02:25	
trans-1,3-Dichloropropene	ug/L	ND	4.7	08/26/21 02:25	
trans-1,4-Dichloro-2-butene	ug/L	ND	100	08/26/21 02:25	
Trichloroethene	ug/L	ND	5.0	08/26/21 02:25	
Trichlorofluoromethane	ug/L	ND	5.0	08/26/21 02:25	
Vinyl acetate	ug/L	ND	50.0	08/26/21 02:25	
Vinyl chloride	ug/L	ND	2.0	08/26/21 02:25	
Xylene (Total)	ug/L	ND	10.0	08/26/21 02:25	
4-Bromofluorobenzene (S)	%.	94	78-117	08/26/21 02:25	
Dibromofluoromethane (S)	%.	103	78-120	08/26/21 02:25	
Toluene-d8 (S)	%.	102	77-118	08/26/21 02:25	

LABORATORY CONTROL SAMPLE: 2934540

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	51.1	102	76-125	
1,1,1-Trichloroethane	ug/L	50	57.6	115	73-132	
1,1,2,2-Tetrachloroethane	ug/L	50	49.0	98	65-131	
1,1,2-Trichloroethane	ug/L	50	51.2	102	74-127	
1,1-Dichloroethane	ug/L	50	51.0	102	73-133	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Robinson Construction (Warsaw)
Pace Project No.: 50295555

LABORATORY CONTROL SAMPLE: 2934540

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1-Dichloroethene	ug/L	50	49.4	99	67-136	
1,1-Dichloropropene	ug/L	50	55.2	110	72-128	
1,2,3-Trichlorobenzene	ug/L	50	45.7	91	58-136	
1,2,3-Trichloropropane	ug/L	50	50.0	100	69-126	
1,2,4-Trichlorobenzene	ug/L	50	46.2	92	48-149	
1,2,4-Trimethylbenzene	ug/L	50	47.6	95	68-122	
1,2-Dibromoethane (EDB)	ug/L	50	52.6	105	76-126	
1,2-Dichlorobenzene	ug/L	50	49.2	98	75-114	
1,2-Dichloroethane	ug/L	50	56.5	113	69-135	
1,2-Dichloropropane	ug/L	50	53.6	107	78-134	
1,3,5-Trimethylbenzene	ug/L	50	50.4	101	68-120	
1,3-Dichlorobenzene	ug/L	50	49.2	98	70-119	
1,3-Dichloropropane	ug/L	50	52.1	104	74-131	
1,4-Dichlorobenzene	ug/L	50	46.8	94	69-117	
2,2-Dichloropropane	ug/L	50	46.4	93	61-127	
2-Butanone (MEK)	ug/L	250	236	94	56-164	
2-Chlorotoluene	ug/L	50	47.4	95	74-115	
2-Hexanone	ug/L	250	256	102	63-137	
4-Chlorotoluene	ug/L	50	52.1	104	74-115	
4-Methyl-2-pentanone (MIBK)	ug/L	250	249	100	64-134	
Acetone	ug/L	250	217	87	46-140	
Acrolein	ug/L	1000	522	52	53-126	L2
Acrylonitrile	ug/L	250	224	90	68-132	
Benzene	ug/L	50	50.1	100	77-128	
Bromobenzene	ug/L	50	51.4	103	62-133	
Bromochloromethane	ug/L	50	50.2	100	71-124	
Bromodichloromethane	ug/L	50	53.2	106	70-124	
Bromoform	ug/L	50	44.8	90	65-116	
Bromomethane	ug/L	50	20.7	41	10-200	
Carbon disulfide	ug/L	50	44.5	89	70-131	
Carbon tetrachloride	ug/L	50	57.7	115	61-139	
Chlorobenzene	ug/L	50	50.2	100	76-124	
Chloroethane	ug/L	50	59.4	119	56-142	
Chloroform	ug/L	50	53.7	107	77-120	
Chloromethane	ug/L	50	38.8	78	29-141	
cis-1,2-Dichloroethene	ug/L	50	48.1	96	72-127	
cis-1,3-Dichloropropene	ug/L	50	50.5	101	71-131	
Dibromochloromethane	ug/L	50	50.7	101	69-132	
Dibromomethane	ug/L	50	56.6	113	76-130	
Dichlorodifluoromethane	ug/L	50	37.4	75	23-139	
Ethyl methacrylate	ug/L	50	49.3J	99	66-128	
Ethylbenzene	ug/L	50	50.9	102	76-119	
Hexachloro-1,3-butadiene	ug/L	50	46.1	92	58-140	
Iodomethane	ug/L	50	6.2J	12	10-200	
Isopropylbenzene (Cumene)	ug/L	50	53.1	106	77-128	
Methyl-tert-butyl ether	ug/L	50	49.1	98	75-129	
Methylene Chloride	ug/L	50	45.1	90	72-129	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Robinson Construction (Warsaw)
Pace Project No.: 50295555

LABORATORY CONTROL SAMPLE: 2934540

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
n-Butylbenzene	ug/L	50	48.9	98	59-128	
n-Hexane	ug/L	50	41.9	84	75-141	
n-Propylbenzene	ug/L	50	50.6	101	71-116	
Naphthalene	ug/L	50	43.7	87	67-136	
p-Isopropyltoluene	ug/L	50	50.1	100	67-123	
sec-Butylbenzene	ug/L	50	50.1	100	70-119	
Styrene	ug/L	50	50.7	101	66-123	
tert-Butylbenzene	ug/L	50	48.9	98	54-133	
Tetrachloroethene	ug/L	50	54.8	110	70-124	
Toluene	ug/L	50	49.2	98	72-117	
trans-1,2-Dichloroethene	ug/L	50	48.5	97	75-133	
trans-1,3-Dichloropropene	ug/L	50	51.7	103	75-111	
trans-1,4-Dichloro-2-butene	ug/L	50	43.6J	87	39-147	
Trichloroethene	ug/L	50	50.0	100	75-130	
Trichlorofluoromethane	ug/L	50	60.1	120	63-162	
Vinyl acetate	ug/L	200	176	88	42-139	
Vinyl chloride	ug/L	50	44.3	89	51-140	
Xylene (Total)	ug/L	150	149	99	73-117	
4-Bromofluorobenzene (S)	%.			104	78-117	
Dibromofluoromethane (S)	%.			107	78-120	
Toluene-d8 (S)	%.			103	77-118	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2934541 2934542

Parameter	Units	50295636003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1,2-Tetrachloroethane	ug/L	ND	50	50	56.7	54.8	113	110	40-147	3	20	
1,1,1-Trichloroethane	ug/L	ND	50	50	61.0	62.3	122	125	53-161	2	20	
1,1,2,2-Tetrachloroethane	ug/L	ND	50	50	54.6	55.5	109	111	58-134	2	20	
1,1,2-Trichloroethane	ug/L	ND	50	50	56.8	54.3	114	109	60-141	4	20	
1,1-Dichloroethane	ug/L	ND	50	50	57.8	56.7	116	113	67-140	2	20	
1,1-Dichloroethene	ug/L	ND	50	50	54.9	55.9	110	112	59-154	2	20	
1,1-Dichloropropene	ug/L	ND	50	50	60.2	60.3	120	121	31-153	0	20	
1,2,3-Trichlorobenzene	ug/L	ND	50	50	47.5	50.5	95	101	10-151	6	20	
1,2,3-Trichloropropane	ug/L	ND	50	50	55.8	57.6	112	115	63-140	3	20	
1,2,4-Trichlorobenzene	ug/L	ND	50	50	46.1	48.4	92	97	10-156	5	20	
1,2,4-Trimethylbenzene	ug/L	ND	50	50	51.6	51.6	103	103	11-145	0	20	
1,2-Dibromoethane (EDB)	ug/L	ND	50	50	57.5	55.8	115	112	54-144	3	20	
1,2-Dichlorobenzene	ug/L	ND	50	50	54.1	54.3	108	109	17-145	0	20	
1,2-Dichloroethane	ug/L	ND	50	50	59.6	60.5	119	121	66-130	2	20	
1,2-Dichloropropane	ug/L	ND	50	50	59.8	58.0	120	116	65-136	3	20	
1,3,5-Trimethylbenzene	ug/L	ND	50	50	55.0	55.1	110	110	11-143	0	20	
1,3-Dichlorobenzene	ug/L	ND	50	50	53.2	52.2	106	104	10-146	2	20	
1,3-Dichloropropane	ug/L	ND	50	50	57.5	55.9	115	112	53-145	3	20	
1,4-Dichlorobenzene	ug/L	ND	50	50	51.3	50.4	103	101	17-141	2	20	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Robinson Construction (Warsaw)
Pace Project No.: 50295555

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2934541 2934542

Parameter	Units	50295636003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
2,2-Dichloropropane	ug/L	ND	50	50	37.4	36.3	75	73	35-142	3	20	
2-Butanone (MEK)	ug/L	ND	250	250	267	276	107	110	49-173	3	20	
2-Chlorotoluene	ug/L	ND	50	50	52.1	51.6	104	103	10-148	1	20	
2-Hexanone	ug/L	ND	250	250	285	282	114	113	57-142	1	20	
4-Chlorotoluene	ug/L	ND	50	50	57.4	56.3	115	113	11-142	2	20	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	250	250	288	285	115	114	59-139	1	20	
Acetone	ug/L	ND	250	250	237	245	95	98	44-171	3	20	
Acrolein	ug/L	ND	1000	1000	449	477	45	48	25-131	6	20	
Acrylonitrile	ug/L	ND	250	250	247	247	99	99	60-145	0	20	
Benzene	ug/L	ND	50	50	56.4	55.2	113	110	69-128	2	20	
Bromobenzene	ug/L	ND	50	50	56.5	55.2	113	110	10-157	2	20	
Bromochloromethane	ug/L	ND	50	50	57.7	56.0	115	112	58-138	3	20	
Bromodichloromethane	ug/L	ND	50	50	58.7	56.5	117	113	51-138	4	20	
Bromoform	ug/L	ND	50	50	49.1	49.6	98	99	43-130	1	20	
Bromomethane	ug/L	ND	50	50	11.5	20.3	23	41	10-195	56	20	R1
Carbon disulfide	ug/L	ND	50	50	49.0	47.8	98	96	37-149	3	20	
Carbon tetrachloride	ug/L	ND	50	50	59.9	62.6	120	125	39-155	4	20	
Chlorobenzene	ug/L	ND	50	50	55.4	54.0	111	108	28-147	3	20	
Chloroethane	ug/L	ND	50	50	62.8	63.1	126	126	58-158	0	20	
Chloroform	ug/L	ND	50	50	59.3	58.3	119	117	54-141	2	20	
Chloromethane	ug/L	ND	50	50	41.1	38.3	82	77	41-145	7	20	
cis-1,2-Dichloroethene	ug/L	ND	50	50	54.5	52.8	109	106	45-150	3	20	
cis-1,3-Dichloropropene	ug/L	ND	50	50	51.4	49.9	103	100	42-139	3	20	
Dibromochloromethane	ug/L	ND	50	50	55.5	54.3	111	109	48-139	2	20	
Dibromomethane	ug/L	ND	50	50	63.6	61.8	127	124	58-140	3	20	
Dichlorodifluoromethane	ug/L	ND	50	50	25.6	24.6	51	49	45-161	4	20	
Ethyl methacrylate	ug/L	ND	50	50	55.1J	53.5J	110	107	63-149		20	
Ethylbenzene	ug/L	ND	50	50	56.5	54.6	113	109	36-144	3	20	
Hexachloro-1,3-butadiene	ug/L	ND	50	50	39.9	44.2	80	88	10-164	10	20	
Iodomethane	ug/L	ND	50	50	1.7J	2.3J	3	5	10-196		20	M1
Isopropylbenzene (Cumene)	ug/L	ND	50	50	57.7	58.0	115	116	21-148	0	20	
Methyl-tert-butyl ether	ug/L	ND	50	50	54.5	54.1	109	108	72-135	1	20	
Methylene Chloride	ug/L	ND	50	50	48.3	47.0	97	94	58-136	3	20	
n-Butylbenzene	ug/L	ND	50	50	49.3	50.6	99	101	10-147	2	20	
n-Hexane	ug/L	ND	50	50	37.9	38.5	76	77	52-157	2	20	
n-Propylbenzene	ug/L	ND	50	50	54.6	55.5	109	111	11-141	2	20	
Naphthalene	ug/L	ND	50	50	47.7	50.9	95	102	45-134	7	20	
p-Isopropyltoluene	ug/L	ND	50	50	51.8	53.2	104	106	10-149	3	20	
sec-Butylbenzene	ug/L	ND	50	50	52.2	53.8	104	108	10-148	3	20	
Styrene	ug/L	ND	50	50	55.9	54.3	112	109	19-143	3	20	
tert-Butylbenzene	ug/L	ND	50	50	53.0	54.6	106	109	14-123	3	20	
Tetrachloroethene	ug/L	ND	50	50	54.3	53.3	109	107	26-148	2	20	
Toluene	ug/L	ND	50	50	54.2	52.2	108	104	46-134	4	20	
trans-1,2-Dichloroethene	ug/L	ND	50	50	54.8	53.9	110	108	43-155	2	20	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Robinson Construction (Warsaw)
Pace Project No.: 50295555

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2934541 2934542

Parameter	Units	50295636003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
trans-1,3-Dichloropropene	ug/L	ND	50	50	52.5	51.2	105	102	39-132	2	20	
trans-1,4-Dichloro-2-butene	ug/L	ND	50	50	39.9J	39.7J	80	79	18-143		20	
Trichloroethene	ug/L	ND	50	50	55.3	54.5	111	109	35-151	1	20	
Trichlorofluoromethane	ug/L	ND	50	50	55.7	64.0	111	128	55-170	14	20	
Vinyl acetate	ug/L	ND	200	200	136	130	68	65	24-134	5	20	
Vinyl chloride	ug/L	ND	50	50	44.3	45.0	89	90	59-146	2	20	
Xylene (Total)	ug/L	ND	150	150	164	160	110	107	32-140	3	20	
4-Bromofluorobenzene (S)	%.						102	102	78-117			
Dibromofluoromethane (S)	%.						105	106	78-120			
Toluene-d8 (S)	%.						103	102	77-118			

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Robinson Construction (Warsaw)
Pace Project No.: 50295555

QC Batch: 636649
QC Batch Method: EPA 3511
Analysis Method: EPA 8270 by SIM 40E
Analysis Description: 8270 Water PAH 40 by SIM MSSV
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50295555001, 50295555002, 50295555003, 50295555004, 50295555005, 50295555006, 50295555007

METHOD BLANK: 2932193 Matrix: Water
Associated Lab Samples: 50295555001, 50295555002, 50295555003, 50295555004, 50295555005, 50295555006, 50295555007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1-Methylnaphthalene	ug/L	ND	1.0	08/23/21 18:01	
2-Methylnaphthalene	ug/L	ND	1.0	08/23/21 18:01	
Acenaphthene	ug/L	ND	1.0	08/23/21 18:01	
Acenaphthylene	ug/L	ND	1.0	08/23/21 18:01	
Anthracene	ug/L	ND	0.10	08/23/21 18:01	
Benzo(a)anthracene	ug/L	ND	0.10	08/23/21 18:01	
Benzo(a)pyrene	ug/L	ND	0.10	08/23/21 18:01	
Benzo(b)fluoranthene	ug/L	ND	0.10	08/23/21 18:01	
Benzo(g,h,i)perylene	ug/L	ND	0.10	08/23/21 18:01	
Benzo(k)fluoranthene	ug/L	ND	0.10	08/23/21 18:01	
Chrysene	ug/L	ND	0.50	08/23/21 18:01	
Dibenz(a,h)anthracene	ug/L	ND	0.092	08/23/21 18:01	
Fluoranthene	ug/L	ND	1.0	08/23/21 18:01	
Fluorene	ug/L	ND	1.0	08/23/21 18:01	
Indeno(1,2,3-cd)pyrene	ug/L	ND	0.10	08/23/21 18:01	
Naphthalene	ug/L	ND	1.0	08/23/21 18:01	
Phenanthrene	ug/L	ND	1.0	08/23/21 18:01	
Pyrene	ug/L	ND	1.0	08/23/21 18:01	
2-Fluorobiphenyl (S)	%.	90	57-136	08/23/21 18:01	
p-Terphenyl-d14 (S)	%.	111	67-147	08/23/21 18:01	

LABORATORY CONTROL SAMPLE: 2932194

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	ug/L	25	23.7	95	48-125	
2-Methylnaphthalene	ug/L	25	22.7	91	45-130	
Acenaphthene	ug/L	25	23.8	95	64-113	
Acenaphthylene	ug/L	25	25.9	104	75-128	
Anthracene	ug/L	25	25.2	101	80-131	
Benzo(a)anthracene	ug/L	25	27.9	112	83-142	
Benzo(a)pyrene	ug/L	25	25.4	101	85-135	
Benzo(b)fluoranthene	ug/L	25	25.8	103	88-148	
Benzo(g,h,i)perylene	ug/L	25	25.4	102	85-129	
Benzo(k)fluoranthene	ug/L	25	25.2	101	87-134	
Chrysene	ug/L	25	25.1	100	83-119	
Dibenz(a,h)anthracene	ug/L	25	28.6	114	84-134	
Fluoranthene	ug/L	25	27.2	109	89-143	
Fluorene	ug/L	25	25.8	103	76-129	
Indeno(1,2,3-cd)pyrene	ug/L	25	27.2	109	87-132	

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
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Robinson Construction (Warsaw)
Pace Project No.: 50295555

LABORATORY CONTROL SAMPLE: 2932194

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Naphthalene	ug/L	25	23.1	93	49-126	
Phenanthrene	ug/L	25	26.3	105	86-127	
Pyrene	ug/L	25	25.7	103	81-134	
2-Fluorobiphenyl (S)	%.			95	57-136	
p-Terphenyl-d14 (S)	%.			105	67-147	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2932195 2932196

Parameter	Units	50295645001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1-Methylnaphthalene	ug/L	2.9	25	25	17.8	19.1	60	64	43-133	7	20	
2-Methylnaphthalene	ug/L	ND	25	25	14.0	15.2	56	61	44-134	8	20	
Acenaphthene	ug/L	ND	25	25	18.4	17.9	73	71	61-121	3	20	
Acenaphthylene	ug/L	ND	25	25	21.4	21.1	86	84	75-133	2	20	
Anthracene	ug/L	ND	25	25	24.9	25.9	99	104	80-135	4	20	
Benzo(a)anthracene	ug/L	ND	25	25	27.9	29.4	111	118	73-151	5	20	
Benzo(a)pyrene	ug/L	ND	25	25	25.6	27.3	103	109	71-147	6	20	
Benzo(b)fluoranthene	ug/L	ND	25	25	26.2	27.0	105	108	72-159	3	20	
Benzo(g,h,i)perylene	ug/L	ND	25	25	25.5	27.1	102	109	71-139	6	20	
Benzo(k)fluoranthene	ug/L	ND	25	25	25.7	28.0	103	112	72-147	9	20	
Chrysene	ug/L	ND	25	25	25.8	26.4	103	106	70-131	3	20	
Dibenz(a,h)anthracene	ug/L	ND	25	25	28.9	30.0	116	120	70-144	4	20	
Fluoranthene	ug/L	ND	25	25	27.0	28.8	108	115	87-149	6	20	
Fluorene	ug/L	ND	25	25	21.7	21.7	87	87	75-135	0	20	
Indeno(1,2,3-cd)pyrene	ug/L	ND	25	25	27.0	27.6	108	110	72-143	2	20	
Naphthalene	ug/L	ND	25	25	16.1	17.8	65	71	40-138	10	20	
Phenanthrene	ug/L	ND	25	25	24.9	25.3	100	101	77-141	2	20	
Pyrene	ug/L	ND	25	25	26.2	26.8	105	107	68-150	3	20	
2-Fluorobiphenyl (S)	%.						68	66	57-136			
p-Terphenyl-d14 (S)	%.						98	104	67-147			

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2932197 2932198

Parameter	Units	50295636003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1-Methylnaphthalene	ug/L	ND	25	25	17.7	17.8	71	71	43-133	1	20	
2-Methylnaphthalene	ug/L	ND	25	25	16.8	16.8	67	67	44-134	0	20	
Acenaphthene	ug/L	ND	25	25	19.0	19.1	76	76	61-121	0	20	
Acenaphthylene	ug/L	ND	25	25	22.6	22.7	90	91	75-133	1	20	
Anthracene	ug/L	ND	25	25	25.7	25.5	103	102	80-135	1	20	
Benzo(a)anthracene	ug/L	ND	25	25	29.2	29.1	117	116	73-151	0	20	
Benzo(a)pyrene	ug/L	ND	25	25	26.8	26.3	107	105	71-147	2	20	
Benzo(b)fluoranthene	ug/L	ND	25	25	27.2	26.9	109	108	72-159	1	20	
Benzo(g,h,i)perylene	ug/L	ND	25	25	26.4	25.8	106	103	71-139	2	20	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Robinson Construction (Warsaw)
Pace Project No.: 50295555

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2932197 2932198

Parameter	Units	50295636003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Benzo(k)fluoranthene	ug/L	ND	25	25	27.2	26.2	109	105	72-147	4	20	
Chrysene	ug/L	ND	25	25	26.7	26.6	107	106	70-131	1	20	
Dibenz(a,h)anthracene	ug/L	ND	25	25	30.0	29.5	120	118	70-144	2	20	
Fluoranthene	ug/L	ND	25	25	28.1	27.3	112	109	87-149	3	20	
Fluorene	ug/L	ND	25	25	22.6	21.3	90	85	75-135	6	20	
Indeno(1,2,3-cd)pyrene	ug/L	ND	25	25	28.0	27.3	112	109	72-143	2	20	
Naphthalene	ug/L	ND	25	25	18.5	18.8	74	75	40-138	2	20	
Phenanthrene	ug/L	ND	25	25	25.6	22.8	103	91	77-141	12	20	
Pyrene	ug/L	ND	25	25	26.4	26.1	106	104	68-150	1	20	
2-Fluorobiphenyl (S)	%.						79	78	57-136			
p-Terphenyl-d14 (S)	%.						101	101	67-147			

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
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALIFIERS

Project: Robinson Construction (Warsaw)
Pace Project No.: 50295555

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 adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

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.

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

L2	Analyte recovery in the laboratory control sample (LCS) was below QC limits. Results for this analyte in associated samples may be biased low.
M1	Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.
M3	Matrix spike recovery was outside laboratory control limits due to matrix interferences.
P1	Routine initial sample volume or weight was not used for extraction, resulting in elevated reporting limits.
P4	Sample field preservation does not meet EPA or method recommendations for this analysis.
R1	RPD value was outside control limits.

Pace Analytical Services, LLC
7726 Moller Road
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(317)228-3100

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Robinson Construction (Warsaw)
Pace Project No.: 50295555

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
50295555001	**PB-1**	EPA 3010	636769	EPA 6010	637279
50295555002	**PB-2**	EPA 3010	636769	EPA 6010	637279
50295555003	**PB-3**	EPA 3010	636769	EPA 6010	637279
50295555004	**PB-4**	EPA 3010	636769	EPA 6010	637279
50295555005	**PB-5**	EPA 3010	636769	EPA 6010	637279
50295555006	**PB-6**	EPA 3010	636769	EPA 6010	637279
50295555007	**Dup-1**	EPA 3010	636769	EPA 6010	637279
50295555001	**PB-1**	EPA 7470	637012	EPA 7470	638114
50295555002	**PB-2**	EPA 7470	637012	EPA 7470	638114
50295555003	**PB-3**	EPA 7470	637012	EPA 7470	638114
50295555004	**PB-4**	EPA 7470	637012	EPA 7470	638114
50295555005	**PB-5**	EPA 7470	637012	EPA 7470	638114
50295555006	**PB-6**	EPA 7470	637012	EPA 7470	638114
50295555007	**Dup-1**	EPA 7470	637012	EPA 7470	638114
50295555001	**PB-1**	EPA 3511	636649	EPA 8270 by SIM 40E	636753
50295555002	**PB-2**	EPA 3511	636649	EPA 8270 by SIM 40E	636753
50295555003	**PB-3**	EPA 3511	636649	EPA 8270 by SIM 40E	636753
50295555004	**PB-4**	EPA 3511	636649	EPA 8270 by SIM 40E	636753
50295555005	**PB-5**	EPA 3511	636649	EPA 8270 by SIM 40E	636753
50295555006	**PB-6**	EPA 3511	636649	EPA 8270 by SIM 40E	636753
50295555007	**Dup-1**	EPA 3511	636649	EPA 8270 by SIM 40E	636753
50295555001	**PB-1**	EPA 8260	637229		
50295555002	**PB-2**	EPA 8260	637229		
50295555003	**PB-3**	EPA 8260	637229		
50295555004	**PB-4**	EPA 8260	637229		
50295555005	**PB-5**	EPA 8260	637229		
50295555006	**PB-6**	EPA 8260	637229		
50295555007	**Dup-1**	EPA 8260	637229		
50295555008	**Trip Blank**	EPA 8260	637229		

WO# : 50295555

50295555

CHAIN-OF-CUSTODY / Analytical Request Document

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

...constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at https://info.pacelabs.com/hubfs/pas-standard-terms.pdf.

Section C

Page : 1 Of 1

Required Client Information:		Invoice Information:	
Company: Patriot_Indianapolis	Report To: Steve Sittler	Attention:	
Address: 6150 E 75th Street	Copy To:	Company Name: Patriot IN	
Indianapolis, IN 46250		Address:	
Email: ssittler@patrioteng.com	Purchase Order #:	Pace Quote:	Regulatory Agency
Phone: (317)576-8058 Fax:	Project Name: Robinson Construction (Warsaw)	Pace Project Manager: tina.sayer@pacelabs.com,	State / Location
Requested Due Date: Standard	Project #:	Pace Profile #: 4039-2	IN

ITEM #	SAMPLE ID (One Character per box. (A-Z, 0-9 / , -) Sample Ids must be unique)	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED START DATE	COLLECTED START TIME	COLLECTED END DATE	COLLECTED END TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H2SO4	HNO3	HCl	NaOH	Na2S2O3	Methanol	Other	Analyses Test Y/N	VOC by 8260	PAH by 8270SIM	Metals, Total (RCRA 8)	Residual Chlorine (Y/N)	
1	PB-1	WT	G			8/19/21	13:55		7	3		1	3					X	X	X	X		001
2	PB-2						15:05												X	X	X		002
3	PB-3						16:00												X	X	X		003
4	PB-4						10:55												X	X	X		004
5	PB-5						11:50												X	X	X		005
6	PB-6						12:50												X	X	X		006
7	Dup-1						—												X	X	X		007
8	Trip Blank						—		3				3						X				008
9																							
10																							
11																							
12																							

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
[redacted] collection.	Mackin Runyon / Patriot	8/20/21	8:40	Bailey	8/20/21	0840	0.5	Y	Y	Y
IDEM MIDRs										
IDEM RCG Residential										

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Macklin Runyon

SIGNATURE of SAMPLER: Mackin Runyon DATE Signed: 08/20/2021

TEMP in C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)

Pace Analytical®

SAMPLE CONDITION UPON RECEIPT FORM

Date/Time and Initials of person examining contents: BC 1120 6/20/21

1. **Courier:** ☐ FED EX ☐ UPS ☒ CLIENT ☐ PACE ☐ USPS ☐ OTHER _____

2. **Custody Seal on Cooler/Box Present:** ☒ Yes ☐ No

(If yes)Seals Intact: ☒ Yes ☐ No **(leave blank if no seals were present)**

3. **Thermometer:** 1 2 3 4 5 6 (A) B C D E F

4. **Cooler Temperature:** 0.4/0.5
Temp should be above freezing to 6°C **(Initial/Corrected)**

5. **Packing Material:** ☐ Bubble Wrap ☐ Bubble Bags ☐ None ☐ Other _____

6. **Ice Type:** ☒ Wet ☐ Blue ☐ None

7. **If temp. is over 6°C or under 0°C, was the PM notified?:** ☐ Yes ☐ No

All discrepancies will be written out in the comments section below.

	Yes	No
USDA Regulated Soils? (HI, ID, NY, WA, OR,CA, NM, TX, OK, AR, LA, TN, AL, MS, NC, SC, GA, FL, or Puerto Rico)		✓
Short Hold Time Analysis (48 hours or less)? Analysis:		✓
Time 5035A TC placed in Freezer or Short Holds To Lab	Time:	
Rush TAT Requested (4 days or less):		✓
Custody Signatures Present?	✓	
Containers Intact?:	✓	
Sample Label (IDs/Dates/Times) Match COC?: Except TCs, which only require sample ID	✓	
Extra labels on Terracore Vials? (soils only)		✓

	Yes	No	N/A
All containers needing acid/base pres. Have been CHECKED?: **exceptions: VOA, coliform, LLHg, O&G, and any container with a septum cap or preserved with HCl.** **Circle:** ~~HNO3 (<2)~~ **H2SO4 (<2) NaOH (>10) NaOH/ZnAc (>9)** Any non-conformance to pH recommendations will be noted on the container count form	✓		
	Present	Absent	N/A
Residual Chlorine Check (SVOC 625 Pest/PCB 608)			✓
Residual Chlorine Check (Total/Amenable/Free Cyanide)			✓
Headspace Wisconsin Sulfide?			✓
	Present	Absent	No VOA Vials Sent
Headspace in VOA Vials (>6mm): See Containter Count form for details	✓		
Trip Blank Present?	✓		
Trip Blank Custody Seals?:	✓		

COMMENTS:

COC PAGE 1 **of** 1

Sample Container Count

SBS
DI
MeOH (only)
BK
Kit

** Place a RED dot on containers that are out of conformance **

COC Line Item	WGFU	R	DG9H VG9H	VOA VIAL HS (>6mm)	VG9U	DG9U	VG9T	AG0U	AG1H	AG1U	AG2U	AG3S	AG3SF	AG3C	BP1U	BP1N	BP2U	BP3U	BP3N	BP3F	BP3S	BP3B	BP3Z	CG3H	Syringe Kit			Matrix	HNO3/ H2SO4 pH <2	NaOH/ ZNAc pH >9	NaOH pH>10
1			3	2		3													1									WT	pH 7		
2				3																											
3																															
4																															
5																															
6				3																											
7																															
8																															
9																															
10																															
11																															
12																															

Container Codes

Glass

DG9H	40mL HCl amber voa vial	BG1T	1L Na Thiosulfate clear glass	BP1B	1L NaOH plastic
DG9P	40mL TSP amber vial	BG1U	1L unpreserved glass	BP1N	1L HNO3 plastic
DG9S	40mL H2SO4 amber vial	BG3H	250mL HCl Clear Glass	BP1S	1L H2SO4 plastic
DG9T	40mL Na Thio amber vial	BG3U	250mL Unpres Clear Glass	BP1U	1L unpreserved plastic
DG9U	40mL unpreserved amber vial	AG0U	100mL unpres amber glass	BP1Z	1L NaOH, Zn, Ac
VG9H	40mL HCl clear vial	AG1H	1L HCl amber glass	BP2N	500mL HNO3 plastic
VG9T	40mL Na Thio. clear vial	AG1S	1L H2SO4 amber glass	BP2C	500mL NaOH plastic
VG9U	40mL unpreserved clear vial	AG1T	1L Na Thiosulfate amber glass	BP2S	500mL H2SO4 plastic
I	40mL w/hexane wipe vial	AG1U	1liter unpres amber glass	BP2U	500mL unpreserved plastic
WGKU	8oz unpreserved clear jar	AG2N	500mL HNO3 amber glass	BP2Z	500mL NaOH, Zn Ac
WGFU	4oz clear soil jar	AG2S	500mL H2SO4 amber glass	BP3B	250mL NaOH plastic
JGFU	4oz unpreserved amber wide	AG2U	500mL unpres amber glass	BP3N	250mL HNO3 plastic
CG3H	250mL clear glass HCl	AG3S	250mL H2SO4 amber glass	BP3F	250mL HNO3 plastic-field filtered
BG1H	1L HCl clear glass	AG3SF	250mL H2SO4 amb glass -field filtered	BP3U	250mL unpreserved plastic
BG1S	1L H2SO4 clear glass	AG3U	250mL unpres amber glass	BP3S	250mL H2SO4 plastic
GN	General	AG3C	250mL NaOH amber glass	BP3Z	250mL NaOH, ZnAc plastic

Plastic / Misc.

BP4U	125mL unpreserved plastic
BP4N	125mL HNO3 plastic
BP4S	125mL H2SO4 plastic

Syringe Kit	LL Cr+6 sampling kit

AF	Air Filter
C	Air Cassettes
R	Terracore kit
SP5T	120mL Coliform Na Thiosulfate
U	Summa Can
ZPLC	Ziploc Bag

WT		Water	
SL		Solid	
NAL	OL	Non-aqueous liquid	Oil
WP		Wipe	