Notification form for Hazardous Substance Discharge (4400-225) **Date Submitted:** 02/14/2024

Notice: Hazardous substance discharges must be reported immediately according to Wis. Stat. § 292.11. Non-emergency hazardous substance discharges may be reported by submitting this online form, calling the Department or visiting an office in person. Under Wis. Stat. § 292.99, the penalty for violating the reporting requirement of Wis. Stat. ch. 292 shall be no less than $10 nor more than $5,000 for each violation. Each day of continued violation is a separate offense. It is not the Department's intention to use any personally identifiable information from this form for any purpose other than program administration. However, information submitted on this form may also be made available to requesters under Wisconsin's Open Records Law (Wis. Stat. § 19.31 - 19.39). Submitting the notification as part of a Phase 1 or Phase 2 environment assessment report is not considered immediate notification under Wis. Stat. ch. 292.

Reporter Information:

Name: Donna Volk **Company:** Ramboll

Address: 234 W. Florida Street, Milwaukee, WI, 53204 **Phone:** 2629013504

Email: dvolk@ramboll.com

Site Information:

Site Name: West Allis Waste Transfer Station

Address: 5203 W Rogers St, West Allis, WI, 53219

Address Description: Not Applicable

Coordinates, County and municipality where contamination was found on the property

Coordinates: **WTM** 684870 283749 **Lat/Long** 43.00854 -87.97701

What does the coordinate location represent? Center of the parcel

County: Milwaukee **Municipality:** West Allis

Responsible Party (RP):

Company Name	Full Name	Address	Email	Phone Number
City of West Allis	Patrick Schloss	7525 West Greenfield Ave, West Allis, WI, 53214	pschloss@westalliswi.gov	4143028468

Contact Person:

Representing the Responsible Party, Business or Property Owner

Contact Person Information: Same as Contact Reporting Discharge

Company Name	Full Name	Address	Email	Phone Number
Ramboll	Donna Volk	234 W. Florida Street, Milwaukee, WI, 53204	dvolk@ramboll.com	2629013504

Hazardous Substance Information

Type of Discharge:

Other - Describe

Source appears to be related to the placement of fill materials on the site

Phase II Environmental Site Assessment - 2/13/2024

Hazardous Substance Discharged:

Metals
Unknown Type
Volatile Organic Compounds (VOCs)
PCBS

Impacts to the Environment

Impacts to the Environment Information:

Ground Water Contamination
Soil Contamination

Lab Results and other Info

Lab results or Report: Lab results or report are attached

Additional documentation: Submit other documentation, not listed above (No Fee)

Document Type: Other Document/Assessment - Describe - [Draft sampling location figure attached]

Payment type: Not Applicable **Payment Amount:** 0

Additional Comments: Ramboll is preparing SI Workplan on behalf of the City.

If you have questions please contact:

JENNIFER MEYER

jennifer.meyer1@wisconsin.gov

(608) 219-2205

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

February 09, 2024

Donna Volk
Ramboll US Consulting, Inc.
234 W. Florida Street
Fifth Floor
Milwaukee, WI 53204

RE: Project: WEST ALLIS PHASE 2
Pace Project No.: 40273666

Dear Donna Volk:

Enclosed are the analytical results for sample(s) received by the laboratory on January 30, 2024. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

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

- Pace Analytical Services - Green Bay

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

Sincerely,

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

Enclosures

cc: Alex Bartelme, Ramboll
Mitchell Levenhagen, Ramboll US Consulting, Inc.

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CERTIFICATIONS

Project: WEST ALLIS PHASE 2
Pace Project No.: 40273666

Pace Analytical Services Green Bay
1241 Bellevue Street, Green Bay, WI 54302
Florida/NELAP Certification #: E87948
Illinois Certification #: 200050
Kentucky UST Certification #: 82
Louisiana Certification #: 04168
Minnesota Certification #: 055-999-334
New York Certification #: 12064
North Dakota Certification #: R-150
South Carolina Certification #: 83006001
Texas Certification #: T104704529-21-8
Virginia VELAP Certification ID: 11873
Wisconsin Certification #: 405132750
Wisconsin DATCP Certification #: 105-444
USDA Soil Permit #: P330-21-00008
Federal Fish & Wildlife Permit #: 51774A

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: WEST ALLIS PHASE 2
Pace Project No.: 40273666

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40273666001	**SB-01 (2-4)**	Solid	01/29/24 09:55	01/30/24 09:00
40273666002	**SB-01 (5-7)**	Solid	01/29/24 10:10	01/30/24 09:00
40273666003	**SB-02 (2-4)**	Solid	01/29/24 10:30	01/30/24 09:00
40273666004	**SB-02 (9-11)**	Solid	01/29/24 10:45	01/30/24 09:00
40273666005	**SB-03 (2-4)**	Solid	01/29/24 11:15	01/30/24 09:00
40273666006	**SB-03 (6-8)**	Solid	01/29/24 11:30	01/30/24 09:00
40273666007	**SB-04 (2-4)**	Solid	01/29/24 12:00	01/30/24 09:00
40273666008	**SB-04 (7-9)**	Solid	01/29/24 12:30	01/30/24 09:00

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SAMPLE ANALYTE COUNT

Project: WEST ALLIS PHASE 2
Pace Project No.: 40273666

Lab ID	Sample ID	Method	Analysts	Analytes Reported
40273666001	**SB-01 (2-4)**	EPA 8082A	BLM	10
		EPA 6010D	SIS	7
		EPA 7471	RZA	1
		EPA 8270E by SIM	RJN	20
		EPA 8260	CXJ	65
		ASTM D2974-87	TJW	1
40273666002	**SB-01 (5-7)**	EPA 8082A	BLM	10
		EPA 6010D	SIS	7
		EPA 7471	RZA	1
		EPA 8270E by SIM	RJN	20
		EPA 8260	CXJ	65
		ASTM D2974-87	TJW	1
40273666003	**SB-02 (2-4)**	EPA 8082A	BLM	10
		EPA 6010D	SIS	7
		EPA 7471	RZA	1
		EPA 8270E by SIM	RJN	20
		EPA 8260	CXJ	65
		ASTM D2974-87	TJW	1
40273666004	**SB-02 (9-11)**	EPA 8082A	BLM	10
		EPA 6010D	SIS	7
		EPA 7471	RZA	1
		EPA 8270E by SIM	RJN	20
		EPA 8260	CXJ	65
		ASTM D2974-87	TJW	1
40273666005	**SB-03 (2-4)**	EPA 8082A	BLM	10
		EPA 6010D	SIS	7
		EPA 7471	RZA	1
		EPA 8270E by SIM	RJN	20
		EPA 8260	CXJ	65
		ASTM D2974-87	TJW	1
40273666006	**SB-03 (6-8)**	EPA 8082A	BLM	10
		EPA 6010D	SIS	7
		EPA 7471	RZA	1
		EPA 8270E by SIM	RJN	20
		EPA 8260	CXJ	65
		ASTM D2974-87	TJW	1
40273666007	**SB-04 (2-4)**	EPA 8082A	BLM	10

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SAMPLE ANALYTE COUNT

Project: WEST ALLIS PHASE 2
Pace Project No.: 40273666

Lab ID	Sample ID	Method	Analysts	Analytes Reported
		EPA 6010D	SIS	7
		EPA 7471	RZA	1
		EPA 8270E by SIM	RJN	20
		EPA 8260	CXJ	65
		ASTM D2974-87	TJW	1
40273666008	**SB-04 (7-9)**	EPA 8082A	BLM	10
		EPA 6010D	SIS	7
		EPA 7471	RZA	1
		EPA 8270E by SIM	RJN	20
		EPA 8260	CXJ	65
		ASTM D2974-87	TJW	1

PASI-G = Pace Analytical Services - Green Bay

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SUMMARY OF DETECTION

Project: WEST ALLIS PHASE 2
Pace Project No.: 40273666

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40273666001	**SB-01 (2-4)**					
EPA 8082A	PCB-1254 (Aroclor 1254)	57.5	ug/kg	53.7	02/01/24 00:36	
EPA 8082A	PCB-1260 (Aroclor 1260)	22.2J	ug/kg	53.7	02/01/24 00:36	
EPA 8082A	PCB, Total	79.7	ug/kg	53.7	02/01/24 00:36	
EPA 6010D	Arsenic	5.9	mg/kg	2.7	01/31/24 16:49	
EPA 6010D	Barium	117	mg/kg	0.54	01/31/24 16:49	P6
EPA 6010D	Cadmium	0.82	mg/kg	0.54	01/31/24 16:49	
EPA 6010D	Chromium	21.2	mg/kg	1.1	01/31/24 16:49	M0,R1
EPA 6010D	Lead	248	mg/kg	21.4	02/01/24 14:48	P6,R1
EPA 6010D	Silver	0.38J	mg/kg	1.1	01/31/24 16:49	
EPA 7471	Mercury	0.11	mg/kg	0.037	02/06/24 13:16	
EPA 8270E by SIM	Acenaphthene	2620	ug/kg	1440	02/05/24 17:41	
EPA 8270E by SIM	Anthracene	4310	ug/kg	1440	02/05/24 17:41	
EPA 8270E by SIM	Benzo(a)anthracene	7740	ug/kg	1440	02/05/24 17:41	
EPA 8270E by SIM	Benzo(a)pyrene	7780	ug/kg	1440	02/05/24 17:41	L2
EPA 8270E by SIM	Benzo(b)fluoranthene	9480	ug/kg	1440	02/05/24 17:41	
EPA 8270E by SIM	Benzo(g,h,i)perylene	4900	ug/kg	1440	02/05/24 17:41	
EPA 8270E by SIM	Benzo(k)fluoranthene	3930	ug/kg	1440	02/05/24 17:41	
EPA 8270E by SIM	Chrysene	8380	ug/kg	1440	02/05/24 17:41	
EPA 8270E by SIM	Dibenz(a,h)anthracene	1190J	ug/kg	1440	02/05/24 17:41	
EPA 8270E by SIM	Fluoranthene	18500	ug/kg	1440	02/05/24 17:41	
EPA 8270E by SIM	Fluorene	2250	ug/kg	1440	02/05/24 17:41	
EPA 8270E by SIM	Indeno(1,2,3-cd)pyrene	3680	ug/kg	1440	02/05/24 17:41	
EPA 8270E by SIM	1-Methylnaphthalene	390J	ug/kg	1440	02/05/24 17:41	
EPA 8270E by SIM	2-Methylnaphthalene	650J	ug/kg	1440	02/05/24 17:41	
EPA 8270E by SIM	Naphthalene	2400	ug/kg	1440	02/05/24 17:41	
EPA 8270E by SIM	Phenanthrene	14700	ug/kg	1440	02/05/24 17:41	
EPA 8270E by SIM	Pyrene	14300	ug/kg	1440	02/05/24 17:41	
EPA 8260	1,2,4-Trimethylbenzene	20.6J	ug/kg	57.3	01/31/24 16:45	
EPA 8260	Naphthalene	102J	ug/kg	287	01/31/24 16:45	
EPA 8260	Toluene	14.8J	ug/kg	57.3	01/31/24 16:45	
EPA 8260	Xylene (Total)	48.9J	ug/kg	172	01/31/24 16:45	
EPA 8260	m&p-Xylene	27.0J	ug/kg	115	01/31/24 16:45	
EPA 8260	o-Xylene	21.9J	ug/kg	57.3	01/31/24 16:45	
ASTM D2974-87	Percent Moisture	6.8	%	0.10	01/30/24 13:21	
40273666002	**SB-01 (5-7)**					
EPA 6010D	Arsenic	8.8	mg/kg	3.1	01/31/24 16:57	
EPA 6010D	Barium	90.6	mg/kg	0.61	01/31/24 16:57	
EPA 6010D	Cadmium	0.56J	mg/kg	0.61	01/31/24 16:57	
EPA 6010D	Chromium	28.5	mg/kg	1.2	01/31/24 16:57	
EPA 6010D	Lead	38.2	mg/kg	2.4	01/31/24 16:57	
EPA 6010D	Selenium	1.7J	mg/kg	4.9	01/31/24 16:57	
EPA 7471	Mercury	0.12	mg/kg	0.044	02/06/24 13:18	
EPA 8270E by SIM	Benzo(a)anthracene	11.6J	ug/kg	21.5	02/05/24 15:23	
EPA 8270E by SIM	Benzo(a)pyrene	12.8J	ug/kg	21.5	02/05/24 15:23	L2
EPA 8270E by SIM	Benzo(b)fluoranthene	19.7J	ug/kg	21.5	02/05/24 15:23	
EPA 8270E by SIM	Benzo(g,h,i)perylene	14.1J	ug/kg	21.5	02/05/24 15:23	
EPA 8270E by SIM	Benzo(k)fluoranthene	6.9J	ug/kg	21.5	02/05/24 15:23	

REPORT OF LABORATORY ANALYSIS

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(920)469-2436

SUMMARY OF DETECTION

Project: WEST ALLIS PHASE 2
Pace Project No.: 40273666

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40273666002	**SB-01 (5-7)**					
EPA 8270E by SIM	Chrysene	17.2J	ug/kg	21.5	02/05/24 15:23	
EPA 8270E by SIM	Fluoranthene	26.2	ug/kg	21.5	02/05/24 15:23	
EPA 8270E by SIM	Indeno(1,2,3-cd)pyrene	8.9J	ug/kg	21.5	02/05/24 15:23	
EPA 8270E by SIM	1-Methylnaphthalene	3.4J	ug/kg	21.5	02/05/24 15:23	
EPA 8270E by SIM	2-Methylnaphthalene	4.5J	ug/kg	21.5	02/05/24 15:23	
EPA 8270E by SIM	Naphthalene	5.7J	ug/kg	21.5	02/05/24 15:23	
EPA 8270E by SIM	Phenanthrene	16.0J	ug/kg	21.5	02/05/24 15:23	
EPA 8270E by SIM	Pyrene	21.0J	ug/kg	21.5	02/05/24 15:23	
ASTM D2974-87	Percent Moisture	22.5	%	0.10	01/30/24 13:21	
40273666003	**SB-02 (2-4)**					
EPA 8082A	PCB-1254 (Aroclor 1254)	20.9J	ug/kg	58.0	02/01/24 01:20	
EPA 8082A	PCB-1260 (Aroclor 1260)	26.9J	ug/kg	58.0	02/01/24 01:20	
EPA 8082A	PCB, Total	47.9J	ug/kg	58.0	02/01/24 01:20	
EPA 6010D	Arsenic	30.8	mg/kg	5.6	02/01/24 14:56	
EPA 6010D	Barium	982	mg/kg	1.1	02/01/24 14:56	
EPA 6010D	Cadmium	2.1	mg/kg	1.1	02/01/24 14:56	
EPA 6010D	Chromium	137	mg/kg	2.2	02/01/24 14:56	
EPA 6010D	Lead	1680	mg/kg	4.4	02/01/24 14:56	
EPA 6010D	Silver	1.2J	mg/kg	2.2	02/01/24 14:56	D3
EPA 7471	Mercury	0.32	mg/kg	0.040	02/06/24 13:20	
EPA 8270E by SIM	Acenaphthene	6.7J	ug/kg	19.3	02/05/24 15:39	
EPA 8270E by SIM	Acenaphthylene	16.6J	ug/kg	19.3	02/05/24 15:39	
EPA 8270E by SIM	Anthracene	47.3	ug/kg	19.3	02/05/24 15:39	
EPA 8270E by SIM	Benzo(a)anthracene	222	ug/kg	19.3	02/05/24 15:39	
EPA 8270E by SIM	Benzo(a)pyrene	249	ug/kg	19.3	02/05/24 15:39	L2
EPA 8270E by SIM	Benzo(b)fluoranthene	293	ug/kg	19.3	02/05/24 15:39	
EPA 8270E by SIM	Benzo(g,h,i)perylene	245	ug/kg	19.3	02/05/24 15:39	
EPA 8270E by SIM	Benzo(k)fluoranthene	173	ug/kg	19.3	02/05/24 15:39	
EPA 8270E by SIM	Chrysene	249	ug/kg	19.3	02/05/24 15:39	
EPA 8270E by SIM	Dibenz(a,h)anthracene	60.4	ug/kg	19.3	02/05/24 15:39	
EPA 8270E by SIM	Fluoranthene	412	ug/kg	19.3	02/05/24 15:39	
EPA 8270E by SIM	Fluorene	11.0J	ug/kg	19.3	02/05/24 15:39	
EPA 8270E by SIM	Indeno(1,2,3-cd)pyrene	167	ug/kg	19.3	02/05/24 15:39	
EPA 8270E by SIM	1-Methylnaphthalene	52.5	ug/kg	19.3	02/05/24 15:39	
EPA 8270E by SIM	2-Methylnaphthalene	85.1	ug/kg	19.3	02/05/24 15:39	
EPA 8270E by SIM	Naphthalene	61.3	ug/kg	19.3	02/05/24 15:39	
EPA 8270E by SIM	Phenanthrene	191	ug/kg	19.3	02/05/24 15:39	
EPA 8270E by SIM	Pyrene	324	ug/kg	19.3	02/05/24 15:39	
ASTM D2974-87	Percent Moisture	13.5	%	0.10	01/30/24 13:21	
40273666004	**SB-02 (9-11)**					
EPA 8082A	PCB-1254 (Aroclor 1254)	10100	ug/kg	678	02/01/24 01:43	
EPA 8082A	PCB, Total	10100	ug/kg	678	02/01/24 01:43	
EPA 6010D	Arsenic	8.5	mg/kg	3.3	01/31/24 17:02	
EPA 6010D	Barium	136	mg/kg	0.66	01/31/24 17:02	
EPA 6010D	Cadmium	1.7	mg/kg	0.66	01/31/24 17:02	
EPA 6010D	Chromium	90.3	mg/kg	1.3	01/31/24 17:02	

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SUMMARY OF DETECTION

Project: WEST ALLIS PHASE 2
Pace Project No.: 40273666

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40273666004	**SB-02 (9-11)**					
EPA 6010D	Lead	616	mg/kg	2.6	01/31/24 17:02	
EPA 6010D	Silver	1.1J	mg/kg	1.3	01/31/24 17:02	
EPA 7471	Mercury	0.13	mg/kg	0.049	02/08/24 09:57	M0, R1
EPA 8270E by SIM	Acenaphthene	12600	ug/kg	9330	02/05/24 17:57	
EPA 8270E by SIM	Anthracene	40200	ug/kg	9330	02/05/24 17:57	
EPA 8270E by SIM	Benzo(a)anthracene	94100	ug/kg	9330	02/05/24 17:57	
EPA 8270E by SIM	Benzo(a)pyrene	122000	ug/kg	9330	02/05/24 17:57	L2
EPA 8270E by SIM	Benzo(b)fluoranthene	133000	ug/kg	9330	02/05/24 17:57	
EPA 8270E by SIM	Benzo(g,h,i)perylene	93700	ug/kg	9330	02/05/24 17:57	
EPA 8270E by SIM	Benzo(k)fluoranthene	56900	ug/kg	9330	02/05/24 17:57	
EPA 8270E by SIM	Chrysene	102000	ug/kg	9330	02/05/24 17:57	
EPA 8270E by SIM	Dibenz(a,h)anthracene	16200	ug/kg	9330	02/05/24 17:57	
EPA 8270E by SIM	Fluoranthene	204000	ug/kg	9330	02/05/24 17:57	
EPA 8270E by SIM	Fluorene	15400	ug/kg	9330	02/05/24 17:57	
EPA 8270E by SIM	Indeno(1,2,3-cd)pyrene	63100	ug/kg	9330	02/05/24 17:57	
EPA 8270E by SIM	1-Methylnaphthalene	56000	ug/kg	9330	02/05/24 17:57	
EPA 8270E by SIM	2-Methylnaphthalene	85800	ug/kg	9330	02/05/24 17:57	
EPA 8270E by SIM	Naphthalene	93600	ug/kg	9330	02/05/24 17:57	
EPA 8270E by SIM	Phenanthrene	136000	ug/kg	9330	02/05/24 17:57	
EPA 8270E by SIM	Pyrene	165000	ug/kg	9330	02/05/24 17:57	
EPA 8260	1,2,4-Trimethylbenzene	150000	ug/kg	1120	01/31/24 19:21	
EPA 8260	1,3,5-Trimethylbenzene	46400	ug/kg	1120	01/31/24 19:21	
EPA 8260	Benzene	12800	ug/kg	447	01/31/24 19:21	
EPA 8260	Ethylbenzene	35000	ug/kg	1120	01/31/24 19:21	
EPA 8260	Isopropylbenzene (Cumene)	6300	ug/kg	1120	01/31/24 19:21	
EPA 8260	Naphthalene	10400	ug/kg	5590	01/31/24 19:21	
EPA 8260	Toluene	45000	ug/kg	1120	01/31/24 19:21	
EPA 8260	Xylene (Total)	228000	ug/kg	3350	01/31/24 19:21	
EPA 8260	m&p-Xylene	174000	ug/kg	2240	01/31/24 19:21	
EPA 8260	n-Butylbenzene	11700	ug/kg	1120	01/31/24 19:21	
EPA 8260	n-Propylbenzene	20700	ug/kg	1120	01/31/24 19:21	
EPA 8260	o-Xylene	53900	ug/kg	1120	01/31/24 19:21	
EPA 8260	p-Isopropyltoluene	1800	ug/kg	1120	01/31/24 19:21	
EPA 8260	sec-Butylbenzene	1950	ug/kg	1120	01/31/24 19:21	
ASTM D2974-87	Percent Moisture	28.3	%	0.10	01/30/24 13:21	
40273666005	**SB-03 (2-4)**					
EPA 8082A	PCB-1242 (Aroclor 1242)	17.5J	ug/kg	53.1	02/01/24 02:06	
EPA 8082A	PCB-1254 (Aroclor 1254)	286	ug/kg	53.1	02/01/24 02:06	
EPA 8082A	PCB, Total	304	ug/kg	53.1	02/01/24 02:06	
EPA 6010D	Arsenic	2.0J	mg/kg	2.5	01/31/24 17:08	
EPA 6010D	Barium	56.9	mg/kg	0.49	01/31/24 17:08	
EPA 6010D	Chromium	11.9	mg/kg	0.98	01/31/24 17:08	
EPA 6010D	Lead	9.4	mg/kg	2.0	01/31/24 17:08	
EPA 8270E by SIM	Acenaphthene	24.1J	ug/kg	35.5	02/05/24 15:54	
EPA 8270E by SIM	Acenaphthylene	6.4J	ug/kg	35.5	02/05/24 15:54	
EPA 8270E by SIM	Anthracene	76.9	ug/kg	35.5	02/05/24 15:54	
EPA 8270E by SIM	Benzo(a)anthracene	188	ug/kg	35.5	02/05/24 15:54	

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

SUMMARY OF DETECTION

Project: WEST ALLIS PHASE 2
Pace Project No.: 40273666

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40273666005	**SB-03 (2-4)**					
EPA 8270E by SIM	Benzo(a)pyrene	173	ug/kg	35.5	02/05/24 15:54	L2
EPA 8270E by SIM	Benzo(b)fluoranthene	248	ug/kg	35.5	02/05/24 15:54	
EPA 8270E by SIM	Benzo(g,h,i)perylene	140	ug/kg	35.5	02/05/24 15:54	
EPA 8270E by SIM	Benzo(k)fluoranthene	102	ug/kg	35.5	02/05/24 15:54	
EPA 8270E by SIM	Chrysene	233	ug/kg	35.5	02/05/24 15:54	
EPA 8270E by SIM	Dibenz(a,h)anthracene	37.1	ug/kg	35.5	02/05/24 15:54	
EPA 8270E by SIM	Fluoranthene	595	ug/kg	35.5	02/05/24 15:54	
EPA 8270E by SIM	Fluorene	4.5J	ug/kg	35.5	02/05/24 15:54	
EPA 8270E by SIM	Indeno(1,2,3-cd)pyrene	102	ug/kg	35.5	02/05/24 15:54	
EPA 8270E by SIM	1-Methylnaphthalene	42.0	ug/kg	35.5	02/05/24 15:54	
EPA 8270E by SIM	2-Methylnaphthalene	63.0	ug/kg	35.5	02/05/24 15:54	
EPA 8270E by SIM	Naphthalene	46.1	ug/kg	35.5	02/05/24 15:54	
EPA 8270E by SIM	Phenanthrene	603	ug/kg	35.5	02/05/24 15:54	
EPA 8270E by SIM	Pyrene	435	ug/kg	35.5	02/05/24 15:54	
EPA 8260	Naphthalene	78.2J	ug/kg	281	01/31/24 17:43	
ASTM D2974-87	Percent Moisture	5.8	%	0.10	01/30/24 13:22	
40273666006	**SB-03 (6-8)**					
EPA 8082A	PCB-1242 (Aroclor 1242)	18.3J	ug/kg	57.4	02/01/24 02:29	
EPA 8082A	PCB-1254 (Aroclor 1254)	183	ug/kg	57.4	02/01/24 02:29	
EPA 8082A	PCB, Total	201	ug/kg	57.4	02/01/24 02:29	
EPA 6010D	Arsenic	4.5J	mg/kg	5.5	02/01/24 14:57	D3
EPA 6010D	Barium	55.6	mg/kg	1.1	02/01/24 14:57	
EPA 6010D	Chromium	11.1	mg/kg	2.2	02/01/24 14:57	
EPA 6010D	Lead	10.5	mg/kg	4.4	02/01/24 14:57	
EPA 8270E by SIM	Acenaphthene	88.8	ug/kg	38.3	02/05/24 16:09	
EPA 8270E by SIM	Acenaphthylene	9.7J	ug/kg	38.3	02/05/24 16:09	
EPA 8270E by SIM	Anthracene	156	ug/kg	38.3	02/05/24 16:09	
EPA 8270E by SIM	Benzo(a)anthracene	260	ug/kg	38.3	02/05/24 16:09	
EPA 8270E by SIM	Benzo(a)pyrene	246	ug/kg	38.3	02/05/24 16:09	L2
EPA 8270E by SIM	Benzo(b)fluoranthene	318	ug/kg	38.3	02/05/24 16:09	
EPA 8270E by SIM	Benzo(g,h,i)perylene	174	ug/kg	38.3	02/05/24 16:09	
EPA 8270E by SIM	Benzo(k)fluoranthene	133	ug/kg	38.3	02/05/24 16:09	
EPA 8270E by SIM	Chrysene	304	ug/kg	38.3	02/05/24 16:09	
EPA 8270E by SIM	Dibenz(a,h)anthracene	39.3	ug/kg	38.3	02/05/24 16:09	
EPA 8270E by SIM	Fluoranthene	770	ug/kg	38.3	02/05/24 16:09	
EPA 8270E by SIM	Fluorene	70.1	ug/kg	38.3	02/05/24 16:09	
EPA 8270E by SIM	Indeno(1,2,3-cd)pyrene	126	ug/kg	38.3	02/05/24 16:09	
EPA 8270E by SIM	1-Methylnaphthalene	42.5	ug/kg	38.3	02/05/24 16:09	
EPA 8270E by SIM	2-Methylnaphthalene	56.4	ug/kg	38.3	02/05/24 16:09	
EPA 8270E by SIM	Naphthalene	45.7	ug/kg	38.3	02/05/24 16:09	
EPA 8270E by SIM	Phenanthrene	693	ug/kg	38.3	02/05/24 16:09	
EPA 8270E by SIM	Pyrene	589	ug/kg	38.3	02/05/24 16:09	
EPA 8260	Naphthalene	125J	ug/kg	324	01/31/24 18:03	
ASTM D2974-87	Percent Moisture	12.9	%	0.10	01/30/24 13:22	
40273666007	**SB-04 (2-4)**					
EPA 6010D	Arsenic	13.2	mg/kg	5.1	02/01/24 14:59	

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SUMMARY OF DETECTION

Project: WEST ALLIS PHASE 2
Pace Project No.: 40273666

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40273666007	**SB-04 (2-4)**					
EPA 6010D	Barium	345	mg/kg	1.0	02/01/24 14:59	
EPA 6010D	Cadmium	0.55J	mg/kg	1.0	02/01/24 14:59	D3
EPA 6010D	Chromium	40.5	mg/kg	2.0	02/01/24 14:59	
EPA 6010D	Lead	233	mg/kg	4.1	02/01/24 14:59	
EPA 7471	Mercury	0.048	mg/kg	0.039	02/08/24 10:09	
EPA 8270E by SIM	Acenaphthene	19.3J	ug/kg	74.5	02/05/24 16:25	
EPA 8270E by SIM	Acenaphthylene	92.7	ug/kg	74.5	02/05/24 16:25	
EPA 8270E by SIM	Anthracene	117	ug/kg	74.5	02/05/24 16:25	
EPA 8270E by SIM	Benzo(a)anthracene	380	ug/kg	74.5	02/05/24 16:25	
EPA 8270E by SIM	Benzo(a)pyrene	464	ug/kg	74.5	02/05/24 16:25	L2
EPA 8270E by SIM	Benzo(b)fluoranthene	657	ug/kg	74.5	02/05/24 16:25	
EPA 8270E by SIM	Benzo(g,h,i)perylene	469	ug/kg	74.5	02/05/24 16:25	
EPA 8270E by SIM	Benzo(k)fluoranthene	281	ug/kg	74.5	02/05/24 16:25	
EPA 8270E by SIM	Chrysene	451	ug/kg	74.5	02/05/24 16:25	
EPA 8270E by SIM	Dibenz(a,h)anthracene	93.5	ug/kg	74.5	02/05/24 16:25	
EPA 8270E by SIM	Fluoranthene	643	ug/kg	74.5	02/05/24 16:25	
EPA 8270E by SIM	Fluorene	21.1J	ug/kg	74.5	02/05/24 16:25	
EPA 8270E by SIM	Indeno(1,2,3-cd)pyrene	304	ug/kg	74.5	02/05/24 16:25	
EPA 8270E by SIM	1-Methylnaphthalene	55.7J	ug/kg	74.5	02/05/24 16:25	
EPA 8270E by SIM	2-Methylnaphthalene	87.4	ug/kg	74.5	02/05/24 16:25	
EPA 8270E by SIM	Naphthalene	75.7	ug/kg	74.5	02/05/24 16:25	
EPA 8270E by SIM	Phenanthrene	271	ug/kg	74.5	02/05/24 16:25	
EPA 8270E by SIM	Pyrene	559	ug/kg	74.5	02/05/24 16:25	
EPA 8260	1,2,4-Trimethylbenzene	23.4J	ug/kg	61.6	01/31/24 18:22	
EPA 8260	Naphthalene	57.4J	ug/kg	308	01/31/24 18:22	
EPA 8260	Toluene	27.8J	ug/kg	61.6	01/31/24 18:22	
EPA 8260	Xylene (Total)	57.7J	ug/kg	185	01/31/24 18:22	
EPA 8260	m&p-Xylene	37.2J	ug/kg	123	01/31/24 18:22	
EPA 8260	o-Xylene	20.5J	ug/kg	61.6	01/31/24 18:22	
ASTM D2974-87	Percent Moisture	10.4	%	0.10	01/30/24 13:22	
40273666008	**SB-04 (7-9)**					
EPA 6010D	Arsenic	7.9	mg/kg	3.0	01/31/24 17:14	
EPA 6010D	Barium	55.5	mg/kg	0.59	01/31/24 17:14	
EPA 6010D	Chromium	22.3	mg/kg	1.2	01/31/24 17:14	
EPA 6010D	Lead	14.4	mg/kg	2.4	01/31/24 17:14	
EPA 7471	Mercury	0.016J	mg/kg	0.043	02/08/24 10:11	
EPA 8270E by SIM	Acenaphthene	68.0J	ug/kg	208	02/05/24 16:40	
EPA 8270E by SIM	Benzo(a)anthracene	130J	ug/kg	208	02/05/24 16:40	
EPA 8270E by SIM	Benzo(a)pyrene	65.6J	ug/kg	208	02/05/24 16:40	L2
EPA 8270E by SIM	Benzo(b)fluoranthene	118J	ug/kg	208	02/05/24 16:40	
EPA 8270E by SIM	Benzo(g,h,i)perylene	48.6J	ug/kg	208	02/05/24 16:40	
EPA 8270E by SIM	Benzo(k)fluoranthene	44.7J	ug/kg	208	02/05/24 16:40	
EPA 8270E by SIM	Chrysene	231	ug/kg	208	02/05/24 16:40	
EPA 8270E by SIM	Fluoranthene	348	ug/kg	208	02/05/24 16:40	
EPA 8270E by SIM	Naphthalene	48.3J	ug/kg	208	02/05/24 16:40	D3
EPA 8270E by SIM	Pyrene	278	ug/kg	208	02/05/24 16:40	
EPA 8260	Isopropylbenzene (Cumene)	70.3J	ug/kg	74.5	01/31/24 18:42	

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SUMMARY OF DETECTION

Project: WEST ALLIS PHASE 2
Pace Project No.: 40273666

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40273666008	**SB-04 (7-9)**					
EPA 8260	sec-Butylbenzene	213	ug/kg	74.5	01/31/24 18:42	
ASTM D2974-87	Percent Moisture	19.7	%	0.10	01/30/24 13:22	

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ANALYTICAL RESULTS

Project: WEST ALLIS PHASE 2
Pace Project No.: 40273666

Sample: SB-01 (2-4) **Lab ID: 40273666001** Collected: 01/29/24 09:55 Received: 01/30/24 09:00 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8082A GCS PCB	Analytical Method: EPA 8082A Preparation Method: EPA 3541 Pace Analytical Services - Green Bay								
PCB-1016 (Aroclor 1016)	**<16.3**	ug/kg	53.7	16.3	1	01/31/24 10:16	02/01/24 00:36	12674-11-2	
PCB-1221 (Aroclor 1221)	**<16.3**	ug/kg	53.7	16.3	1	01/31/24 10:16	02/01/24 00:36	11104-28-2	
PCB-1232 (Aroclor 1232)	**<16.3**	ug/kg	53.7	16.3	1	01/31/24 10:16	02/01/24 00:36	11141-16-5	
PCB-1242 (Aroclor 1242)	**<16.3**	ug/kg	53.7	16.3	1	01/31/24 10:16	02/01/24 00:36	53469-21-9	
PCB-1248 (Aroclor 1248)	**<16.3**	ug/kg	53.7	16.3	1	01/31/24 10:16	02/01/24 00:36	12672-29-6	
PCB-1254 (Aroclor 1254)	**57.5**	ug/kg	53.7	16.3	1	01/31/24 10:16	02/01/24 00:36	11097-69-1	
PCB-1260 (Aroclor 1260)	**22.2J**	ug/kg	53.7	16.3	1	01/31/24 10:16	02/01/24 00:36	11096-82-5	
PCB, Total	**79.7**	ug/kg	53.7	16.3	1	01/31/24 10:16	02/01/24 00:36	1336-36-3	
Surrogates									
Tetrachloro-m-xylene (S)	87	%	44-120		1	01/31/24 10:16	02/01/24 00:36	877-09-8	
Decachlorobiphenyl (S)	81	%	34-120		1	01/31/24 10:16	02/01/24 00:36	2051-24-3	
6010D MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3050B Pace Analytical Services - Green Bay								
Arsenic	**5.9**	mg/kg	2.7	1.6	1	01/31/24 06:26	01/31/24 16:49	7440-38-2	
Barium	**117**	mg/kg	0.54	0.16	1	01/31/24 06:26	01/31/24 16:49	7440-39-3	P6
Cadmium	**0.82**	mg/kg	0.54	0.14	1	01/31/24 06:26	01/31/24 16:49	7440-43-9	
Chromium	**21.2**	mg/kg	1.1	0.30	1	01/31/24 06:26	01/31/24 16:49	7440-47-3	M0,R1
Lead	**248**	mg/kg	21.4	6.4	10	01/31/24 06:26	02/01/24 14:48	7439-92-1	P6,R1
Selenium	**<1.4**	mg/kg	4.3	1.4	1	01/31/24 06:26	01/31/24 16:49	7782-49-2	
Silver	**0.38J**	mg/kg	1.1	0.33	1	01/31/24 06:26	01/31/24 16:49	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - Green Bay								
Mercury	**0.11**	mg/kg	0.037	0.011	1	02/06/24 06:49	02/06/24 13:16	7439-97-6	
8270E MSSV PAH by SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3546 Pace Analytical Services - Green Bay								
Acenaphthene	**2620**	ug/kg	1440	186	80	02/05/24 08:05	02/05/24 17:41	83-32-9	
Acenaphthylene	**<181**	ug/kg	1440	181	80	02/05/24 08:05	02/05/24 17:41	208-96-8	
Anthracene	**4310**	ug/kg	1440	178	80	02/05/24 08:05	02/05/24 17:41	120-12-7	
Benzo(a)anthracene	**7740**	ug/kg	1440	186	80	02/05/24 08:05	02/05/24 17:41	56-55-3	
Benzo(a)pyrene	**7780**	ug/kg	1440	163	80	02/05/24 08:05	02/05/24 17:41	50-32-8	L2
Benzo(b)fluoranthene	**9480**	ug/kg	1440	199	80	02/05/24 08:05	02/05/24 17:41	205-99-2	
Benzo(g,h,i)perylene	**4900**	ug/kg	1440	252	80	02/05/24 08:05	02/05/24 17:41	191-24-2	
Benzo(k)fluoranthene	**3930**	ug/kg	1440	184	80	02/05/24 08:05	02/05/24 17:41	207-08-9	
Chrysene	**8380**	ug/kg	1440	271	80	02/05/24 08:05	02/05/24 17:41	218-01-9	
Dibenz(a,h)anthracene	**1190J**	ug/kg	1440	199	80	02/05/24 08:05	02/05/24 17:41	53-70-3	
Fluoranthene	**18500**	ug/kg	1440	170	80	02/05/24 08:05	02/05/24 17:41	206-44-0	
Fluorene	**2250**	ug/kg	1440	172	80	02/05/24 08:05	02/05/24 17:41	86-73-7	
Indeno(1,2,3-cd)pyrene	**3680**	ug/kg	1440	299	80	02/05/24 08:05	02/05/24 17:41	193-39-5	
1-Methylnaphthalene	**390J**	ug/kg	1440	210	80	02/05/24 08:05	02/05/24 17:41	90-12-0	
2-Methylnaphthalene	**650J**	ug/kg	1440	210	80	02/05/24 08:05	02/05/24 17:41	91-57-6	
Naphthalene	**2400**	ug/kg	1440	140	80	02/05/24 08:05	02/05/24 17:41	91-20-3	

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ANALYTICAL RESULTS

Project: WEST ALLIS PHASE 2
Pace Project No.: 40273666

Sample: SB-01 (2-4) **Lab ID: 40273666001** Collected: 01/29/24 09:55 Received: 01/30/24 09:00 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV PAH by SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3546 Pace Analytical Services - Green Bay								
Phenanthrene	**14700**	ug/kg	1440	164	80	02/05/24 08:05	02/05/24 17:41	85-01-8	
Pyrene	**14300**	ug/kg	1440	211	80	02/05/24 08:05	02/05/24 17:41	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	66	%	39-120		80	02/05/24 08:05	02/05/24 17:41	321-60-8	
Terphenyl-d14 (S)	69	%	36-120		80	02/05/24 08:05	02/05/24 17:41	1718-51-0	
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B Pace Analytical Services - Green Bay								
1,1,1,2-Tetrachloroethane	**<13.7**	ug/kg	57.3	13.7	1	01/31/24 10:15	01/31/24 16:45	630-20-6	
1,1,1-Trichloroethane	**<14.7**	ug/kg	57.3	14.7	1	01/31/24 10:15	01/31/24 16:45	71-55-6	
1,1,2,2-Tetrachloroethane	**<20.8**	ug/kg	57.3	20.8	1	01/31/24 10:15	01/31/24 16:45	79-34-5	
1,1,2-Trichloroethane	**<20.9**	ug/kg	57.3	20.9	1	01/31/24 10:15	01/31/24 16:45	79-00-5	
1,1-Dichloroethane	**<14.7**	ug/kg	57.3	14.7	1	01/31/24 10:15	01/31/24 16:45	75-34-3	
1,1-Dichloroethene	**<19.0**	ug/kg	57.3	19.0	1	01/31/24 10:15	01/31/24 16:45	75-35-4	
1,1-Dichloropropene	**<18.6**	ug/kg	57.3	18.6	1	01/31/24 10:15	01/31/24 16:45	563-58-6	
1,2,3-Trichlorobenzene	**<63.9**	ug/kg	287	63.9	1	01/31/24 10:15	01/31/24 16:45	87-61-6	
1,2,3-Trichloropropane	**<27.9**	ug/kg	57.3	27.9	1	01/31/24 10:15	01/31/24 16:45	96-18-4	
1,2,4-Trichlorobenzene	**<47.2**	ug/kg	287	47.2	1	01/31/24 10:15	01/31/24 16:45	120-82-1	
1,2,4-Trimethylbenzene	**20.6J**	ug/kg	57.3	17.1	1	01/31/24 10:15	01/31/24 16:45	95-63-6	
1,2-Dibromo-3-chloropropane	**<44.5**	ug/kg	287	44.5	1	01/31/24 10:15	01/31/24 16:45	96-12-8	
1,2-Dibromoethane (EDB)	**<15.7**	ug/kg	57.3	15.7	1	01/31/24 10:15	01/31/24 16:45	106-93-4	
1,2-Dichlorobenzene	**<17.8**	ug/kg	57.3	17.8	1	01/31/24 10:15	01/31/24 16:45	95-50-1	
1,2-Dichloroethane	**<13.2**	ug/kg	57.3	13.2	1	01/31/24 10:15	01/31/24 16:45	107-06-2	
1,2-Dichloropropane	**<13.6**	ug/kg	57.3	13.6	1	01/31/24 10:15	01/31/24 16:45	78-87-5	
1,3,5-Trimethylbenzene	**<18.5**	ug/kg	57.3	18.5	1	01/31/24 10:15	01/31/24 16:45	108-67-8	
1,3-Dichlorobenzene	**<15.7**	ug/kg	57.3	15.7	1	01/31/24 10:15	01/31/24 16:45	541-73-1	
1,3-Dichloropropane	**<12.5**	ug/kg	57.3	12.5	1	01/31/24 10:15	01/31/24 16:45	142-28-9	
1,4-Dichlorobenzene	**<15.7**	ug/kg	57.3	15.7	1	01/31/24 10:15	01/31/24 16:45	106-46-7	
2,2-Dichloropropane	**<15.5**	ug/kg	57.3	15.5	1	01/31/24 10:15	01/31/24 16:45	594-20-7	
2-Chlorotoluene	**<18.6**	ug/kg	57.3	18.6	1	01/31/24 10:15	01/31/24 16:45	95-49-8	
4-Chlorotoluene	**<21.8**	ug/kg	57.3	21.8	1	01/31/24 10:15	01/31/24 16:45	106-43-4	
Benzene	**<13.6**	ug/kg	22.9	13.6	1	01/31/24 10:15	01/31/24 16:45	71-43-2	
Bromobenzene	**<22.4**	ug/kg	57.3	22.4	1	01/31/24 10:15	01/31/24 16:45	108-86-1	
Bromochloromethane	**<15.7**	ug/kg	57.3	15.7	1	01/31/24 10:15	01/31/24 16:45	74-97-5	
Bromodichloromethane	**<13.6**	ug/kg	57.3	13.6	1	01/31/24 10:15	01/31/24 16:45	75-27-4	
Bromoform	**<252**	ug/kg	287	252	1	01/31/24 10:15	01/31/24 16:45	75-25-2	L2
Bromomethane	**<80.4**	ug/kg	287	80.4	1	01/31/24 10:15	01/31/24 16:45	74-83-9	
Carbon tetrachloride	**<12.6**	ug/kg	57.3	12.6	1	01/31/24 10:15	01/31/24 16:45	56-23-5	
Chlorobenzene	**<6.9**	ug/kg	57.3	6.9	1	01/31/24 10:15	01/31/24 16:45	108-90-7	
Chloroethane	**<24.2**	ug/kg	287	24.2	1	01/31/24 10:15	01/31/24 16:45	75-00-3	
Chloroform	**<41.0**	ug/kg	287	41.0	1	01/31/24 10:15	01/31/24 16:45	67-66-3	
Chloromethane	**<21.8**	ug/kg	57.3	21.8	1	01/31/24 10:15	01/31/24 16:45	74-87-3	
Dibromochloromethane	**<196**	ug/kg	287	196	1	01/31/24 10:15	01/31/24 16:45	124-48-1	
Dibromomethane	**<17.0**	ug/kg	57.3	17.0	1	01/31/24 10:15	01/31/24 16:45	74-95-3	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: WEST ALLIS PHASE 2
Pace Project No.: 40273666

Sample: SB-01 (2-4) **Lab ID: 40273666001** Collected: 01/29/24 09:55 Received: 01/30/24 09:00 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B Pace Analytical Services - Green Bay								
Dichlorodifluoromethane	**<24.7**	ug/kg	57.3	24.7	1	01/31/24 10:15	01/31/24 16:45	75-71-8	
Diisopropyl ether	**<14.2**	ug/kg	57.3	14.2	1	01/31/24 10:15	01/31/24 16:45	108-20-3	
Ethylbenzene	**<13.6**	ug/kg	57.3	13.6	1	01/31/24 10:15	01/31/24 16:45	100-41-4	
Hexachloro-1,3-butadiene	**<114**	ug/kg	287	114	1	01/31/24 10:15	01/31/24 16:45	87-68-3	
Isopropylbenzene (Cumene)	**<15.5**	ug/kg	57.3	15.5	1	01/31/24 10:15	01/31/24 16:45	98-82-8	
Methyl-tert-butyl ether	**<16.9**	ug/kg	57.3	16.9	1	01/31/24 10:15	01/31/24 16:45	1634-04-4	
Methylene Chloride	**<15.9**	ug/kg	57.3	15.9	1	01/31/24 10:15	01/31/24 16:45	75-09-2	
Naphthalene	**102J**	ug/kg	287	24.1	1	01/31/24 10:15	01/31/24 16:45	91-20-3	
Styrene	**<14.7**	ug/kg	57.3	14.7	1	01/31/24 10:15	01/31/24 16:45	100-42-5	
Tetrachloroethene	**<22.2**	ug/kg	57.3	22.2	1	01/31/24 10:15	01/31/24 16:45	127-18-4	
Toluene	**14.8J**	ug/kg	57.3	14.4	1	01/31/24 10:15	01/31/24 16:45	108-88-3	
Trichloroethene	**<21.4**	ug/kg	57.3	21.4	1	01/31/24 10:15	01/31/24 16:45	79-01-6	
Trichlorofluoromethane	**<16.6**	ug/kg	57.3	16.6	1	01/31/24 10:15	01/31/24 16:45	75-69-4	
Vinyl chloride	**<11.6**	ug/kg	57.3	11.6	1	01/31/24 10:15	01/31/24 16:45	75-01-4	
Xylene (Total)	**48.9J**	ug/kg	172	41.4	1	01/31/24 10:15	01/31/24 16:45	1330-20-7	
cis-1,2-Dichloroethene	**<12.3**	ug/kg	57.3	12.3	1	01/31/24 10:15	01/31/24 16:45	156-59-2	
cis-1,3-Dichloropropene	**<37.8**	ug/kg	287	37.8	1	01/31/24 10:15	01/31/24 16:45	10061-01-5	
m&p-Xylene	**27.0J**	ug/kg	115	24.2	1	01/31/24 10:15	01/31/24 16:45	179601-23-1	
n-Butylbenzene	**<26.3**	ug/kg	57.3	26.3	1	01/31/24 10:15	01/31/24 16:45	104-51-8	
n-Propylbenzene	**<13.8**	ug/kg	57.3	13.8	1	01/31/24 10:15	01/31/24 16:45	103-65-1	
o-Xylene	**21.9J**	ug/kg	57.3	17.2	1	01/31/24 10:15	01/31/24 16:45	95-47-6	
p-Isopropyltoluene	**<19.5**	ug/kg	57.3	19.5	1	01/31/24 10:15	01/31/24 16:45	99-87-6	
sec-Butylbenzene	**<19.7**	ug/kg	57.3	19.7	1	01/31/24 10:15	01/31/24 16:45	135-98-8	
tert-Butylbenzene	**<18.0**	ug/kg	57.3	18.0	1	01/31/24 10:15	01/31/24 16:45	98-06-6	
trans-1,2-Dichloroethene	**<12.5**	ug/kg	57.3	12.5	1	01/31/24 10:15	01/31/24 16:45	156-60-5	
trans-1,3-Dichloropropene	**<164**	ug/kg	287	164	1	01/31/24 10:15	01/31/24 16:45	10061-02-6	
Surrogates									
Toluene-d8 (S)	106	%	70-139		1	01/31/24 10:15	01/31/24 16:45	2037-26-5	
4-Bromofluorobenzene (S)	99	%	72-142		1	01/31/24 10:15	01/31/24 16:45	460-00-4	
1,2-Dichlorobenzene-d4 (S)	101	%	67-144		1	01/31/24 10:15	01/31/24 16:45	2199-69-1	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**6.8**	%	0.10	0.10	1		01/30/24 13:21		

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ANALYTICAL RESULTS

Project: WEST ALLIS PHASE 2
Pace Project No.: 40273666

Sample: SB-01 (5-7) **Lab ID: 40273666002** Collected: 01/29/24 10:10 Received: 01/30/24 09:00 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8082A GCS PCB	Analytical Method: EPA 8082A Preparation Method: EPA 3541 Pace Analytical Services - Green Bay								
PCB-1016 (Aroclor 1016)	**<19.6**	ug/kg	64.3	19.6	1	01/31/24 10:16	02/01/24 00:58	12674-11-2	
PCB-1221 (Aroclor 1221)	**<19.6**	ug/kg	64.3	19.6	1	01/31/24 10:16	02/01/24 00:58	11104-28-2	
PCB-1232 (Aroclor 1232)	**<19.6**	ug/kg	64.3	19.6	1	01/31/24 10:16	02/01/24 00:58	11141-16-5	
PCB-1242 (Aroclor 1242)	**<19.6**	ug/kg	64.3	19.6	1	01/31/24 10:16	02/01/24 00:58	53469-21-9	
PCB-1248 (Aroclor 1248)	**<19.6**	ug/kg	64.3	19.6	1	01/31/24 10:16	02/01/24 00:58	12672-29-6	
PCB-1254 (Aroclor 1254)	**<19.6**	ug/kg	64.3	19.6	1	01/31/24 10:16	02/01/24 00:58	11097-69-1	
PCB-1260 (Aroclor 1260)	**<19.6**	ug/kg	64.3	19.6	1	01/31/24 10:16	02/01/24 00:58	11096-82-5	
PCB, Total	**<19.6**	ug/kg	64.3	19.6	1	01/31/24 10:16	02/01/24 00:58	1336-36-3	
Surrogates									
Tetrachloro-m-xylene (S)	89	%	44-120		1	01/31/24 10:16	02/01/24 00:58	877-09-8	
Decachlorobiphenyl (S)	85	%	34-120		1	01/31/24 10:16	02/01/24 00:58	2051-24-3	
6010D MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3050B Pace Analytical Services - Green Bay								
Arsenic	**8.8**	mg/kg	3.1	1.8	1	01/31/24 06:26	01/31/24 16:57	7440-38-2	
Barium	**90.6**	mg/kg	0.61	0.18	1	01/31/24 06:26	01/31/24 16:57	7440-39-3	
Cadmium	**0.56J**	mg/kg	0.61	0.16	1	01/31/24 06:26	01/31/24 16:57	7440-43-9	
Chromium	**28.5**	mg/kg	1.2	0.34	1	01/31/24 06:26	01/31/24 16:57	7440-47-3	
Lead	**38.2**	mg/kg	2.4	0.73	1	01/31/24 06:26	01/31/24 16:57	7439-92-1	
Selenium	**1.7J**	mg/kg	4.9	1.6	1	01/31/24 06:26	01/31/24 16:57	7782-49-2	
Silver	**<0.38**	mg/kg	1.2	0.38	1	01/31/24 06:26	01/31/24 16:57	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - Green Bay								
Mercury	**0.12**	mg/kg	0.044	0.013	1	02/06/24 06:49	02/06/24 13:18	7439-97-6	
8270E MSSV PAH by SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3546 Pace Analytical Services - Green Bay								
Acenaphthene	**<2.8**	ug/kg	21.5	2.8	1	02/05/24 08:05	02/05/24 15:23	83-32-9	
Acenaphthylene	**<2.7**	ug/kg	21.5	2.7	1	02/05/24 08:05	02/05/24 15:23	208-96-8	
Anthracene	**<2.7**	ug/kg	21.5	2.7	1	02/05/24 08:05	02/05/24 15:23	120-12-7	
Benzo(a)anthracene	**11.6J**	ug/kg	21.5	2.8	1	02/05/24 08:05	02/05/24 15:23	56-55-3	
Benzo(a)pyrene	**12.8J**	ug/kg	21.5	2.4	1	02/05/24 08:05	02/05/24 15:23	50-32-8	L2
Benzo(b)fluoranthene	**19.7J**	ug/kg	21.5	3.0	1	02/05/24 08:05	02/05/24 15:23	205-99-2	
Benzo(g,h,i)perylene	**14.1J**	ug/kg	21.5	3.8	1	02/05/24 08:05	02/05/24 15:23	191-24-2	
Benzo(k)fluoranthene	**6.9J**	ug/kg	21.5	2.8	1	02/05/24 08:05	02/05/24 15:23	207-08-9	
Chrysene	**17.2J**	ug/kg	21.5	4.1	1	02/05/24 08:05	02/05/24 15:23	218-01-9	
Dibenz(a,h)anthracene	**<3.0**	ug/kg	21.5	3.0	1	02/05/24 08:05	02/05/24 15:23	53-70-3	
Fluoranthene	**26.2**	ug/kg	21.5	2.5	1	02/05/24 08:05	02/05/24 15:23	206-44-0	
Fluorene	**<2.6**	ug/kg	21.5	2.6	1	02/05/24 08:05	02/05/24 15:23	86-73-7	
Indeno(1,2,3-cd)pyrene	**8.9J**	ug/kg	21.5	4.5	1	02/05/24 08:05	02/05/24 15:23	193-39-5	
1-Methylnaphthalene	**3.4J**	ug/kg	21.5	3.1	1	02/05/24 08:05	02/05/24 15:23	90-12-0	
2-Methylnaphthalene	**4.5J**	ug/kg	21.5	3.2	1	02/05/24 08:05	02/05/24 15:23	91-57-6	
Naphthalene	**5.7J**	ug/kg	21.5	2.1	1	02/05/24 08:05	02/05/24 15:23	91-20-3	

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(920)469-2436

ANALYTICAL RESULTS

Project: WEST ALLIS PHASE 2
Pace Project No.: 40273666

Sample: SB-01 (5-7) **Lab ID: 40273666002** Collected: 01/29/24 10:10 Received: 01/30/24 09:00 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV PAH by SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3546 Pace Analytical Services - Green Bay								
Phenanthrene	**16.0J**	ug/kg	21.5	2.5	1	02/05/24 08:05	02/05/24 15:23	85-01-8	
Pyrene	**21.0J**	ug/kg	21.5	3.2	1	02/05/24 08:05	02/05/24 15:23	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	57	%	39-120		1	02/05/24 08:05	02/05/24 15:23	321-60-8	
Terphenyl-d14 (S)	63	%	36-120		1	02/05/24 08:05	02/05/24 15:23	1718-51-0	
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B Pace Analytical Services - Green Bay								
1,1,1,2-Tetrachloroethane	**<18.9**	ug/kg	79.0	18.9	1	01/31/24 10:15	01/31/24 17:04	630-20-6	
1,1,1-Trichloroethane	**<20.2**	ug/kg	79.0	20.2	1	01/31/24 10:15	01/31/24 17:04	71-55-6	
1,1,2,2-Tetrachloroethane	**<28.6**	ug/kg	79.0	28.6	1	01/31/24 10:15	01/31/24 17:04	79-34-5	
1,1,2-Trichloroethane	**<28.7**	ug/kg	79.0	28.7	1	01/31/24 10:15	01/31/24 17:04	79-00-5	
1,1-Dichloroethane	**<20.2**	ug/kg	79.0	20.2	1	01/31/24 10:15	01/31/24 17:04	75-34-3	
1,1-Dichloroethene	**<26.2**	ug/kg	79.0	26.2	1	01/31/24 10:15	01/31/24 17:04	75-35-4	
1,1-Dichloropropene	**<25.6**	ug/kg	79.0	25.6	1	01/31/24 10:15	01/31/24 17:04	563-58-6	
1,2,3-Trichlorobenzene	**<88.0**	ug/kg	395	88.0	1	01/31/24 10:15	01/31/24 17:04	87-61-6	
1,2,3-Trichloropropane	**<38.4**	ug/kg	79.0	38.4	1	01/31/24 10:15	01/31/24 17:04	96-18-4	
1,2,4-Trichlorobenzene	**<65.1**	ug/kg	395	65.1	1	01/31/24 10:15	01/31/24 17:04	120-82-1	
1,2,4-Trimethylbenzene	**<23.5**	ug/kg	79.0	23.5	1	01/31/24 10:15	01/31/24 17:04	95-63-6	
1,2-Dibromo-3-chloropropane	**<61.3**	ug/kg	395	61.3	1	01/31/24 10:15	01/31/24 17:04	96-12-8	
1,2-Dibromoethane (EDB)	**<21.6**	ug/kg	79.0	21.6	1	01/31/24 10:15	01/31/24 17:04	106-93-4	
1,2-Dichlorobenzene	**<24.5**	ug/kg	79.0	24.5	1	01/31/24 10:15	01/31/24 17:04	95-50-1	
1,2-Dichloroethane	**<18.2**	ug/kg	79.0	18.2	1	01/31/24 10:15	01/31/24 17:04	107-06-2	
1,2-Dichloropropane	**<18.8**	ug/kg	79.0	18.8	1	01/31/24 10:15	01/31/24 17:04	78-87-5	
1,3,5-Trimethylbenzene	**<25.4**	ug/kg	79.0	25.4	1	01/31/24 10:15	01/31/24 17:04	108-67-8	
1,3-Dichlorobenzene	**<21.6**	ug/kg	79.0	21.6	1	01/31/24 10:15	01/31/24 17:04	541-73-1	
1,3-Dichloropropane	**<17.2**	ug/kg	79.0	17.2	1	01/31/24 10:15	01/31/24 17:04	142-28-9	
1,4-Dichlorobenzene	**<21.6**	ug/kg	79.0	21.6	1	01/31/24 10:15	01/31/24 17:04	106-46-7	
2,2-Dichloropropane	**<21.3**	ug/kg	79.0	21.3	1	01/31/24 10:15	01/31/24 17:04	594-20-7	
2-Chlorotoluene	**<25.6**	ug/kg	79.0	25.6	1	01/31/24 10:15	01/31/24 17:04	95-49-8	
4-Chlorotoluene	**<30.0**	ug/kg	79.0	30.0	1	01/31/24 10:15	01/31/24 17:04	106-43-4	
Benzene	**<18.8**	ug/kg	31.6	18.8	1	01/31/24 10:15	01/31/24 17:04	71-43-2	
Bromobenzene	**<30.8**	ug/kg	79.0	30.8	1	01/31/24 10:15	01/31/24 17:04	108-86-1	
Bromochloromethane	**<21.6**	ug/kg	79.0	21.6	1	01/31/24 10:15	01/31/24 17:04	74-97-5	
Bromodichloromethane	**<18.8**	ug/kg	79.0	18.8	1	01/31/24 10:15	01/31/24 17:04	75-27-4	
Bromoform	**<347**	ug/kg	395	347	1	01/31/24 10:15	01/31/24 17:04	75-25-2	L2
Bromomethane	**<111**	ug/kg	395	111	1	01/31/24 10:15	01/31/24 17:04	74-83-9	
Carbon tetrachloride	**<17.4**	ug/kg	79.0	17.4	1	01/31/24 10:15	01/31/24 17:04	56-23-5	
Chlorobenzene	**<9.5**	ug/kg	79.0	9.5	1	01/31/24 10:15	01/31/24 17:04	108-90-7	
Chloroethane	**<33.3**	ug/kg	395	33.3	1	01/31/24 10:15	01/31/24 17:04	75-00-3	
Chloroform	**<56.5**	ug/kg	395	56.5	1	01/31/24 10:15	01/31/24 17:04	67-66-3	
Chloromethane	**<30.0**	ug/kg	79.0	30.0	1	01/31/24 10:15	01/31/24 17:04	74-87-3	
Dibromochloromethane	**<270**	ug/kg	395	270	1	01/31/24 10:15	01/31/24 17:04	124-48-1	
Dibromomethane	**<23.4**	ug/kg	79.0	23.4	1	01/31/24 10:15	01/31/24 17:04	74-95-3	

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ANALYTICAL RESULTS

Project: WEST ALLIS PHASE 2
Pace Project No.: 40273666

Sample: SB-01 (5-7) **Lab ID: 40273666002** Collected: 01/29/24 10:10 Received: 01/30/24 09:00 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B Pace Analytical Services - Green Bay								
Dichlorodifluoromethane	**<34.0**	ug/kg	79.0	34.0	1	01/31/24 10:15	01/31/24 17:04	75-71-8	
Diisopropyl ether	**<19.6**	ug/kg	79.0	19.6	1	01/31/24 10:15	01/31/24 17:04	108-20-3	
Ethylbenzene	**<18.8**	ug/kg	79.0	18.8	1	01/31/24 10:15	01/31/24 17:04	100-41-4	
Hexachloro-1,3-butadiene	**<157**	ug/kg	395	157	1	01/31/24 10:15	01/31/24 17:04	87-68-3	
Isopropylbenzene (Cumene)	**<21.3**	ug/kg	79.0	21.3	1	01/31/24 10:15	01/31/24 17:04	98-82-8	
Methyl-tert-butyl ether	**<23.2**	ug/kg	79.0	23.2	1	01/31/24 10:15	01/31/24 17:04	1634-04-4	
Methylene Chloride	**<22.0**	ug/kg	79.0	22.0	1	01/31/24 10:15	01/31/24 17:04	75-09-2	
Naphthalene	**<33.2**	ug/kg	395	33.2	1	01/31/24 10:15	01/31/24 17:04	91-20-3	
Styrene	**<20.2**	ug/kg	79.0	20.2	1	01/31/24 10:15	01/31/24 17:04	100-42-5	
Tetrachloroethene	**<30.6**	ug/kg	79.0	30.6	1	01/31/24 10:15	01/31/24 17:04	127-18-4	
Toluene	**<19.9**	ug/kg	79.0	19.9	1	01/31/24 10:15	01/31/24 17:04	108-88-3	
Trichloroethene	**<29.5**	ug/kg	79.0	29.5	1	01/31/24 10:15	01/31/24 17:04	79-01-6	
Trichlorofluoromethane	**<22.9**	ug/kg	79.0	22.9	1	01/31/24 10:15	01/31/24 17:04	75-69-4	
Vinyl chloride	**<16.0**	ug/kg	79.0	16.0	1	01/31/24 10:15	01/31/24 17:04	75-01-4	
Xylene (Total)	**<57.0**	ug/kg	237	57.0	1	01/31/24 10:15	01/31/24 17:04	1330-20-7	
cis-1,2-Dichloroethene	**<16.9**	ug/kg	79.0	16.9	1	01/31/24 10:15	01/31/24 17:04	156-59-2	
cis-1,3-Dichloropropene	**<52.1**	ug/kg	395	52.1	1	01/31/24 10:15	01/31/24 17:04	10061-01-5	
m&p-Xylene	**<33.3**	ug/kg	158	33.3	1	01/31/24 10:15	01/31/24 17:04	179601-23-1	
n-Butylbenzene	**<36.2**	ug/kg	79.0	36.2	1	01/31/24 10:15	01/31/24 17:04	104-51-8	
n-Propylbenzene	**<19.0**	ug/kg	79.0	19.0	1	01/31/24 10:15	01/31/24 17:04	103-65-1	
o-Xylene	**<23.7**	ug/kg	79.0	23.7	1	01/31/24 10:15	01/31/24 17:04	95-47-6	
p-Isopropyltoluene	**<26.9**	ug/kg	79.0	26.9	1	01/31/24 10:15	01/31/24 17:04	99-87-6	
sec-Butylbenzene	**<27.1**	ug/kg	79.0	27.1	1	01/31/24 10:15	01/31/24 17:04	135-98-8	
tert-Butylbenzene	**<24.8**	ug/kg	79.0	24.8	1	01/31/24 10:15	01/31/24 17:04	98-06-6	
trans-1,2-Dichloroethene	**<17.3**	ug/kg	79.0	17.3	1	01/31/24 10:15	01/31/24 17:04	156-60-5	
trans-1,3-Dichloropropene	**<226**	ug/kg	395	226	1	01/31/24 10:15	01/31/24 17:04	10061-02-6	
Surrogates									
Toluene-d8 (S)	156	%	70-139		1	01/31/24 10:15	01/31/24 17:04	2037-26-5	S3
4-Bromofluorobenzene (S)	151	%	72-142		1	01/31/24 10:15	01/31/24 17:04	460-00-4	S3
1,2-Dichlorobenzene-d4 (S)	159	%	67-144		1	01/31/24 10:15	01/31/24 17:04	2199-69-1	S3
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**22.5**	%	0.10	0.10	1		01/30/24 13:21		

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

ANALYTICAL RESULTS

Project: WEST ALLIS PHASE 2
Pace Project No.: 40273666

Sample: SB-02 (2-4) **Lab ID: 40273666003** Collected: 01/29/24 10:30 Received: 01/30/24 09:00 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8082A GCS PCB	Analytical Method: EPA 8082A Preparation Method: EPA 3541 Pace Analytical Services - Green Bay								
PCB-1016 (Aroclor 1016)	**<17.7**	ug/kg	58.0	17.7	1	01/31/24 10:16	02/01/24 01:20	12674-11-2	
PCB-1221 (Aroclor 1221)	**<17.7**	ug/kg	58.0	17.7	1	01/31/24 10:16	02/01/24 01:20	11104-28-2	
PCB-1232 (Aroclor 1232)	**<17.7**	ug/kg	58.0	17.7	1	01/31/24 10:16	02/01/24 01:20	11141-16-5	
PCB-1242 (Aroclor 1242)	**<17.7**	ug/kg	58.0	17.7	1	01/31/24 10:16	02/01/24 01:20	53469-21-9	
PCB-1248 (Aroclor 1248)	**<17.7**	ug/kg	58.0	17.7	1	01/31/24 10:16	02/01/24 01:20	12672-29-6	
PCB-1254 (Aroclor 1254)	**20.9J**	ug/kg	58.0	17.7	1	01/31/24 10:16	02/01/24 01:20	11097-69-1	
PCB-1260 (Aroclor 1260)	**26.9J**	ug/kg	58.0	17.7	1	01/31/24 10:16	02/01/24 01:20	11096-82-5	
PCB, Total	**47.9J**	ug/kg	58.0	17.7	1	01/31/24 10:16	02/01/24 01:20	1336-36-3	
Surrogates									
Tetrachloro-m-xylene (S)	78	%	44-120		1	01/31/24 10:16	02/01/24 01:20	877-09-8	
Decachlorobiphenyl (S)	72	%	34-120		1	01/31/24 10:16	02/01/24 01:20	2051-24-3	
6010D MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3050B Pace Analytical Services - Green Bay								
Arsenic	**30.8**	mg/kg	5.6	3.3	2	01/31/24 06:26	02/01/24 14:56	7440-38-2	
Barium	**982**	mg/kg	1.1	0.33	2	01/31/24 06:26	02/01/24 14:56	7440-39-3	
Cadmium	**2.1**	mg/kg	1.1	0.30	2	01/31/24 06:26	02/01/24 14:56	7440-43-9	
Chromium	**137**	mg/kg	2.2	0.62	2	01/31/24 06:26	02/01/24 14:56	7440-47-3	
Lead	**1680**	mg/kg	4.4	1.3	2	01/31/24 06:26	02/01/24 14:56	7439-92-1	
Selenium	**<2.9**	mg/kg	8.9	2.9	2	01/31/24 06:26	02/01/24 14:56	7782-49-2	D3
Silver	**1.2J**	mg/kg	2.2	0.68	2	01/31/24 06:26	02/01/24 14:56	7440-22-4	D3
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - Green Bay								
Mercury	**0.32**	mg/kg	0.040	0.011	1	02/06/24 06:49	02/06/24 13:20	7439-97-6	
8270E MSSV PAH by SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3546 Pace Analytical Services - Green Bay								
Acenaphthene	**6.7J**	ug/kg	19.3	2.5	1	02/05/24 08:05	02/05/24 15:39	83-32-9	
Acenaphthylene	**16.6J**	ug/kg	19.3	2.4	1	02/05/24 08:05	02/05/24 15:39	208-96-8	
Anthracene	**47.3**	ug/kg	19.3	2.4	1	02/05/24 08:05	02/05/24 15:39	120-12-7	
Benzo(a)anthracene	**222**	ug/kg	19.3	2.5	1	02/05/24 08:05	02/05/24 15:39	56-55-3	
Benzo(a)pyrene	**249**	ug/kg	19.3	2.2	1	02/05/24 08:05	02/05/24 15:39	50-32-8	L2
Benzo(b)fluoranthene	**293**	ug/kg	19.3	2.7	1	02/05/24 08:05	02/05/24 15:39	205-99-2	
Benzo(g,h,i)perylene	**245**	ug/kg	19.3	3.4	1	02/05/24 08:05	02/05/24 15:39	191-24-2	
Benzo(k)fluoranthene	**173**	ug/kg	19.3	2.5	1	02/05/24 08:05	02/05/24 15:39	207-08-9	
Chrysene	**249**	ug/kg	19.3	3.6	1	02/05/24 08:05	02/05/24 15:39	218-01-9	
Dibenz(a,h)anthracene	**60.4**	ug/kg	19.3	2.7	1	02/05/24 08:05	02/05/24 15:39	53-70-3	
Fluoranthene	**412**	ug/kg	19.3	2.3	1	02/05/24 08:05	02/05/24 15:39	206-44-0	
Fluorene	**11.0J**	ug/kg	19.3	2.3	1	02/05/24 08:05	02/05/24 15:39	86-73-7	
Indeno(1,2,3-cd)pyrene	**167**	ug/kg	19.3	4.0	1	02/05/24 08:05	02/05/24 15:39	193-39-5	
1-Methylnaphthalene	**52.5**	ug/kg	19.3	2.8	1	02/05/24 08:05	02/05/24 15:39	90-12-0	
2-Methylnaphthalene	**85.1**	ug/kg	19.3	2.8	1	02/05/24 08:05	02/05/24 15:39	91-57-6	
Naphthalene	**61.3**	ug/kg	19.3	1.9	1	02/05/24 08:05	02/05/24 15:39	91-20-3	

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(920)469-2436

ANALYTICAL RESULTS

Project: WEST ALLIS PHASE 2
Pace Project No.: 40273666

Sample: SB-02 (2-4) **Lab ID: 40273666003** Collected: 01/29/24 10:30 Received: 01/30/24 09:00 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV PAH by SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3546 Pace Analytical Services - Green Bay								
Phenanthrene	**191**	ug/kg	19.3	2.2	1	02/05/24 08:05	02/05/24 15:39	85-01-8	
Pyrene	**324**	ug/kg	19.3	2.8	1	02/05/24 08:05	02/05/24 15:39	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	62	%	39-120		1	02/05/24 08:05	02/05/24 15:39	321-60-8	
Terphenyl-d14 (S)	61	%	36-120		1	02/05/24 08:05	02/05/24 15:39	1718-51-0	
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B Pace Analytical Services - Green Bay								
1,1,1,2-Tetrachloroethane	**<15.7**	ug/kg	65.6	15.7	1	01/31/24 10:15	01/31/24 17:24	630-20-6	
1,1,1-Trichloroethane	**<16.8**	ug/kg	65.6	16.8	1	01/31/24 10:15	01/31/24 17:24	71-55-6	
1,1,2,2-Tetrachloroethane	**<23.7**	ug/kg	65.6	23.7	1	01/31/24 10:15	01/31/24 17:24	79-34-5	
1,1,2-Trichloroethane	**<23.9**	ug/kg	65.6	23.9	1	01/31/24 10:15	01/31/24 17:24	79-00-5	
1,1-Dichloroethane	**<16.8**	ug/kg	65.6	16.8	1	01/31/24 10:15	01/31/24 17:24	75-34-3	
1,1-Dichloroethene	**<21.8**	ug/kg	65.6	21.8	1	01/31/24 10:15	01/31/24 17:24	75-35-4	
1,1-Dichloropropene	**<21.2**	ug/kg	65.6	21.2	1	01/31/24 10:15	01/31/24 17:24	563-58-6	
1,2,3-Trichlorobenzene	**<73.0**	ug/kg	328	73.0	1	01/31/24 10:15	01/31/24 17:24	87-61-6	
1,2,3-Trichloropropane	**<31.9**	ug/kg	65.6	31.9	1	01/31/24 10:15	01/31/24 17:24	96-18-4	
1,2,4-Trichlorobenzene	**<54.0**	ug/kg	328	54.0	1	01/31/24 10:15	01/31/24 17:24	120-82-1	
1,2,4-Trimethylbenzene	**<19.5**	ug/kg	65.6	19.5	1	01/31/24 10:15	01/31/24 17:24	95-63-6	
1,2-Dibromo-3-chloropropane	**<50.9**	ug/kg	328	50.9	1	01/31/24 10:15	01/31/24 17:24	96-12-8	
1,2-Dibromoethane (EDB)	**<18.0**	ug/kg	65.6	18.0	1	01/31/24 10:15	01/31/24 17:24	106-93-4	
1,2-Dichlorobenzene	**<20.3**	ug/kg	65.6	20.3	1	01/31/24 10:15	01/31/24 17:24	95-50-1	
1,2-Dichloroethane	**<15.1**	ug/kg	65.6	15.1	1	01/31/24 10:15	01/31/24 17:24	107-06-2	
1,2-Dichloropropane	**<15.6**	ug/kg	65.6	15.6	1	01/31/24 10:15	01/31/24 17:24	78-87-5	
1,3,5-Trimethylbenzene	**<21.1**	ug/kg	65.6	21.1	1	01/31/24 10:15	01/31/24 17:24	108-67-8	
1,3-Dichlorobenzene	**<18.0**	ug/kg	65.6	18.0	1	01/31/24 10:15	01/31/24 17:24	541-73-1	
1,3-Dichloropropane	**<14.3**	ug/kg	65.6	14.3	1	01/31/24 10:15	01/31/24 17:24	142-28-9	
1,4-Dichlorobenzene	**<18.0**	ug/kg	65.6	18.0	1	01/31/24 10:15	01/31/24 17:24	106-46-7	
2,2-Dichloropropane	**<17.7**	ug/kg	65.6	17.7	1	01/31/24 10:15	01/31/24 17:24	594-20-7	
2-Chlorotoluene	**<21.2**	ug/kg	65.6	21.2	1	01/31/24 10:15	01/31/24 17:24	95-49-8	
4-Chlorotoluene	**<24.9**	ug/kg	65.6	24.9	1	01/31/24 10:15	01/31/24 17:24	106-43-4	
Benzene	**<15.6**	ug/kg	26.2	15.6	1	01/31/24 10:15	01/31/24 17:24	71-43-2	
Bromobenzene	**<25.6**	ug/kg	65.6	25.6	1	01/31/24 10:15	01/31/24 17:24	108-86-1	
Bromochloromethane	**<18.0**	ug/kg	65.6	18.0	1	01/31/24 10:15	01/31/24 17:24	74-97-5	
Bromodichloromethane	**<15.6**	ug/kg	65.6	15.6	1	01/31/24 10:15	01/31/24 17:24	75-27-4	
Bromoform	**<289**	ug/kg	328	289	1	01/31/24 10:15	01/31/24 17:24	75-25-2	L2
Bromomethane	**<91.9**	ug/kg	328	91.9	1	01/31/24 10:15	01/31/24 17:24	74-83-9	
Carbon tetrachloride	**<14.4**	ug/kg	65.6	14.4	1	01/31/24 10:15	01/31/24 17:24	56-23-5	
Chlorobenzene	**<7.9**	ug/kg	65.6	7.9	1	01/31/24 10:15	01/31/24 17:24	108-90-7	
Chloroethane	**<27.7**	ug/kg	328	27.7	1	01/31/24 10:15	01/31/24 17:24	75-00-3	
Chloroform	**<46.9**	ug/kg	328	46.9	1	01/31/24 10:15	01/31/24 17:24	67-66-3	
Chloromethane	**<24.9**	ug/kg	65.6	24.9	1	01/31/24 10:15	01/31/24 17:24	74-87-3	
Dibromochloromethane	**<224**	ug/kg	328	224	1	01/31/24 10:15	01/31/24 17:24	124-48-1	
Dibromomethane	**<19.4**	ug/kg	65.6	19.4	1	01/31/24 10:15	01/31/24 17:24	74-95-3	

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ANALYTICAL RESULTS

Project: WEST ALLIS PHASE 2
Pace Project No.: 40273666

Sample: SB-02 (2-4) **Lab ID: 40273666003** Collected: 01/29/24 10:30 Received: 01/30/24 09:00 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B Pace Analytical Services - Green Bay								
Dichlorodifluoromethane	**<28.2**	ug/kg	65.6	28.2	1	01/31/24 10:15	01/31/24 17:24	75-71-8	
Diisopropyl ether	**<16.3**	ug/kg	65.6	16.3	1	01/31/24 10:15	01/31/24 17:24	108-20-3	
Ethylbenzene	**<15.6**	ug/kg	65.6	15.6	1	01/31/24 10:15	01/31/24 17:24	100-41-4	
Hexachloro-1,3-butadiene	**<130**	ug/kg	328	130	1	01/31/24 10:15	01/31/24 17:24	87-68-3	
Isopropylbenzene (Cumene)	**<17.7**	ug/kg	65.6	17.7	1	01/31/24 10:15	01/31/24 17:24	98-82-8	
Methyl-tert-butyl ether	**<19.3**	ug/kg	65.6	19.3	1	01/31/24 10:15	01/31/24 17:24	1634-04-4	
Methylene Chloride	**<18.2**	ug/kg	65.6	18.2	1	01/31/24 10:15	01/31/24 17:24	75-09-2	
Naphthalene	**<27.6**	ug/kg	328	27.6	1	01/31/24 10:15	01/31/24 17:24	91-20-3	
Styrene	**<16.8**	ug/kg	65.6	16.8	1	01/31/24 10:15	01/31/24 17:24	100-42-5	
Tetrachloroethene	**<25.4**	ug/kg	65.6	25.4	1	01/31/24 10:15	01/31/24 17:24	127-18-4	
Toluene	**<16.5**	ug/kg	65.6	16.5	1	01/31/24 10:15	01/31/24 17:24	108-88-3	
Trichloroethene	**<24.5**	ug/kg	65.6	24.5	1	01/31/24 10:15	01/31/24 17:24	79-01-6	
Trichlorofluoromethane	**<19.0**	ug/kg	65.6	19.0	1	01/31/24 10:15	01/31/24 17:24	75-69-4	
Vinyl chloride	**<13.2**	ug/kg	65.6	13.2	1	01/31/24 10:15	01/31/24 17:24	75-01-4	
Xylene (Total)	**<47.3**	ug/kg	197	47.3	1	01/31/24 10:15	01/31/24 17:24	1330-20-7	
cis-1,2-Dichloroethene	**<14.0**	ug/kg	65.6	14.0	1	01/31/24 10:15	01/31/24 17:24	156-59-2	
cis-1,3-Dichloropropene	**<43.3**	ug/kg	328	43.3	1	01/31/24 10:15	01/31/24 17:24	10061-01-5	
m&p-Xylene	**<27.7**	ug/kg	131	27.7	1	01/31/24 10:15	01/31/24 17:24	179601-23-1	
n-Butylbenzene	**<30.0**	ug/kg	65.6	30.0	1	01/31/24 10:15	01/31/24 17:24	104-51-8	
n-Propylbenzene	**<15.7**	ug/kg	65.6	15.7	1	01/31/24 10:15	01/31/24 17:24	103-65-1	
o-Xylene	**<19.7**	ug/kg	65.6	19.7	1	01/31/24 10:15	01/31/24 17:24	95-47-6	
p-Isopropyltoluene	**<22.3**	ug/kg	65.6	22.3	1	01/31/24 10:15	01/31/24 17:24	99-87-6	
sec-Butylbenzene	**<22.5**	ug/kg	65.6	22.5	1	01/31/24 10:15	01/31/24 17:24	135-98-8	
tert-Butylbenzene	**<20.6**	ug/kg	65.6	20.6	1	01/31/24 10:15	01/31/24 17:24	98-06-6	
trans-1,2-Dichloroethene	**<14.3**	ug/kg	65.6	14.3	1	01/31/24 10:15	01/31/24 17:24	156-60-5	
trans-1,3-Dichloropropene	**<188**	ug/kg	328	188	1	01/31/24 10:15	01/31/24 17:24	10061-02-6	
Surrogates									
Toluene-d8 (S)	116	%	70-139		1	01/31/24 10:15	01/31/24 17:24	2037-26-5	
4-Bromofluorobenzene (S)	110	%	72-142		1	01/31/24 10:15	01/31/24 17:24	460-00-4	
1,2-Dichlorobenzene-d4 (S)	116	%	67-144		1	01/31/24 10:15	01/31/24 17:24	2199-69-1	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**13.5**	%	0.10	0.10	1		01/30/24 13:21		

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ANALYTICAL RESULTS

Project: WEST ALLIS PHASE 2
Pace Project No.: 40273666

Sample: SB-02 (9-11) **Lab ID: 40273666004** Collected: 01/29/24 10:45 Received: 01/30/24 09:00 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8082A GCS PCB	Analytical Method: EPA 8082A Preparation Method: EPA 3541 Pace Analytical Services - Green Bay								
PCB-1016 (Aroclor 1016)	**<206**	ug/kg	678	206	1	01/31/24 10:16	02/01/24 01:43	12674-11-2	
PCB-1221 (Aroclor 1221)	**<206**	ug/kg	678	206	1	01/31/24 10:16	02/01/24 01:43	11104-28-2	
PCB-1232 (Aroclor 1232)	**<206**	ug/kg	678	206	1	01/31/24 10:16	02/01/24 01:43	11141-16-5	
PCB-1242 (Aroclor 1242)	**<206**	ug/kg	678	206	1	01/31/24 10:16	02/01/24 01:43	53469-21-9	
PCB-1248 (Aroclor 1248)	**<206**	ug/kg	678	206	1	01/31/24 10:16	02/01/24 01:43	12672-29-6	
PCB-1254 (Aroclor 1254)	**10100**	ug/kg	678	206	1	01/31/24 10:16	02/01/24 01:43	11097-69-1	
PCB-1260 (Aroclor 1260)	**<206**	ug/kg	678	206	1	01/31/24 10:16	02/01/24 01:43	11096-82-5	
PCB, Total	**10100**	ug/kg	678	206	1	01/31/24 10:16	02/01/24 01:43	1336-36-3	
Surrogates									
Tetrachloro-m-xylene (S)	83	%	44-120		1	01/31/24 10:16	02/01/24 01:43	877-09-8	
Decachlorobiphenyl (S)	71	%	34-120		1	01/31/24 10:16	02/01/24 01:43	2051-24-3	
6010D MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3050B Pace Analytical Services - Green Bay								
Arsenic	**8.5**	mg/kg	3.3	1.9	1	01/31/24 06:26	01/31/24 17:02	7440-38-2	
Barium	**136**	mg/kg	0.66	0.20	1	01/31/24 06:26	01/31/24 17:02	7440-39-3	
Cadmium	**1.7**	mg/kg	0.66	0.18	1	01/31/24 06:26	01/31/24 17:02	7440-43-9	
Chromium	**90.3**	mg/kg	1.3	0.37	1	01/31/24 06:26	01/31/24 17:02	7440-47-3	
Lead	**616**	mg/kg	2.6	0.79	1	01/31/24 06:26	01/31/24 17:02	7439-92-1	
Selenium	**<1.7**	mg/kg	5.3	1.7	1	01/31/24 06:26	01/31/24 17:02	7782-49-2	
Silver	**1.1J**	mg/kg	1.3	0.40	1	01/31/24 06:26	01/31/24 17:02	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - Green Bay								
Mercury	**0.13**	mg/kg	0.049	0.014	1	02/06/24 08:38	02/08/24 09:57	7439-97-6	M0,R1
8270E MSSV PAH by SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3546 Pace Analytical Services - Green Bay								
Acenaphthene	**12600**	ug/kg	9330	1210	20	02/05/24 08:05	02/05/24 17:57	83-32-9	
Acenaphthylene	**<1180**	ug/kg	9330	1180	20	02/05/24 08:05	02/05/24 17:57	208-96-8	
Anthracene	**40200**	ug/kg	9330	1160	20	02/05/24 08:05	02/05/24 17:57	120-12-7	
Benzo(a)anthracene	**94100**	ug/kg	9330	1210	20	02/05/24 08:05	02/05/24 17:57	56-55-3	
Benzo(a)pyrene	**122000**	ug/kg	9330	1060	20	02/05/24 08:05	02/05/24 17:57	50-32-8	L2
Benzo(b)fluoranthene	**133000**	ug/kg	9330	1290	20	02/05/24 08:05	02/05/24 17:57	205-99-2	
Benzo(g,h,i)perylene	**93700**	ug/kg	9330	1640	20	02/05/24 08:05	02/05/24 17:57	191-24-2	
Benzo(k)fluoranthene	**56900**	ug/kg	9330	1190	20	02/05/24 08:05	02/05/24 17:57	207-08-9	
Chrysene	**102000**	ug/kg	9330	1760	20	02/05/24 08:05	02/05/24 17:57	218-01-9	
Dibenz(a,h)anthracene	**16200**	ug/kg	9330	1290	20	02/05/24 08:05	02/05/24 17:57	53-70-3	
Fluoranthene	**204000**	ug/kg	9330	1100	20	02/05/24 08:05	02/05/24 17:57	206-44-0	
Fluorene	**15400**	ug/kg	9330	1120	20	02/05/24 08:05	02/05/24 17:57	86-73-7	
Indeno(1,2,3-cd)pyrene	**63100**	ug/kg	9330	1940	20	02/05/24 08:05	02/05/24 17:57	193-39-5	
1-Methylnaphthalene	**56000**	ug/kg	9330	1360	20	02/05/24 08:05	02/05/24 17:57	90-12-0	
2-Methylnaphthalene	**85800**	ug/kg	9330	1360	20	02/05/24 08:05	02/05/24 17:57	91-57-6	
Naphthalene	**93600**	ug/kg	9330	909	20	02/05/24 08:05	02/05/24 17:57	91-20-3	

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

ANALYTICAL RESULTS

Project: WEST ALLIS PHASE 2
Pace Project No.: 40273666

Sample: SB-02 (9-11) **Lab ID: 40273666004** Collected: 01/29/24 10:45 Received: 01/30/24 09:00 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV PAH by SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3546 Pace Analytical Services - Green Bay								
Phenanthrene	**136000**	ug/kg	9330	1070	20	02/05/24 08:05	02/05/24 17:57	85-01-8	
Pyrene	**165000**	ug/kg	9330	1370	20	02/05/24 08:05	02/05/24 17:57	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	0	%	39-120		20	02/05/24 08:05	02/05/24 17:57	321-60-8	S4
Terphenyl-d14 (S)	0	%	36-120		20	02/05/24 08:05	02/05/24 17:57	1718-51-0	S4
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B Pace Analytical Services - Green Bay								
1,1,1,2-Tetrachloroethane	**<268**	ug/kg	1120	268	12.5	01/31/24 10:15	01/31/24 19:21	630-20-6	
1,1,1-Trichloroethane	**<286**	ug/kg	1120	286	12.5	01/31/24 10:15	01/31/24 19:21	71-55-6	
1,1,2,2-Tetrachloroethane	**<405**	ug/kg	1120	405	12.5	01/31/24 10:15	01/31/24 19:21	79-34-5	
1,1,2-Trichloroethane	**<407**	ug/kg	1120	407	12.5	01/31/24 10:15	01/31/24 19:21	79-00-5	
1,1-Dichloroethane	**<286**	ug/kg	1120	286	12.5	01/31/24 10:15	01/31/24 19:21	75-34-3	
1,1-Dichloroethene	**<371**	ug/kg	1120	371	12.5	01/31/24 10:15	01/31/24 19:21	75-35-4	
1,1-Dichloropropene	**<362**	ug/kg	1120	362	12.5	01/31/24 10:15	01/31/24 19:21	563-58-6	
1,2,3-Trichlorobenzene	**<1240**	ug/kg	5590	1240	12.5	01/31/24 10:15	01/31/24 19:21	87-61-6	
1,2,3-Trichloropropane	**<543**	ug/kg	1120	543	12.5	01/31/24 10:15	01/31/24 19:21	96-18-4	
1,2,4-Trichlorobenzene	**<921**	ug/kg	5590	921	12.5	01/31/24 10:15	01/31/24 19:21	120-82-1	
1,2,4-Trimethylbenzene	**150000**	ug/kg	1120	333	12.5	01/31/24 10:15	01/31/24 19:21	95-63-6	
1,2-Dibromo-3-chloropropane	**<867**	ug/kg	5590	867	12.5	01/31/24 10:15	01/31/24 19:21	96-12-8	
1,2-Dibromoethane (EDB)	**<306**	ug/kg	1120	306	12.5	01/31/24 10:15	01/31/24 19:21	106-93-4	
1,2-Dichlorobenzene	**<346**	ug/kg	1120	346	12.5	01/31/24 10:15	01/31/24 19:21	95-50-1	
1,2-Dichloroethane	**<257**	ug/kg	1120	257	12.5	01/31/24 10:15	01/31/24 19:21	107-06-2	
1,2-Dichloropropane	**<266**	ug/kg	1120	266	12.5	01/31/24 10:15	01/31/24 19:21	78-87-5	
1,3,5-Trimethylbenzene	**46400**	ug/kg	1120	360	12.5	01/31/24 10:15	01/31/24 19:21	108-67-8	
1,3-Dichlorobenzene	**<306**	ug/kg	1120	306	12.5	01/31/24 10:15	01/31/24 19:21	541-73-1	
1,3-Dichloropropane	**<244**	ug/kg	1120	244	12.5	01/31/24 10:15	01/31/24 19:21	142-28-9	
1,4-Dichlorobenzene	**<306**	ug/kg	1120	306	12.5	01/31/24 10:15	01/31/24 19:21	106-46-7	
2,2-Dichloropropane	**<302**	ug/kg	1120	302	12.5	01/31/24 10:15	01/31/24 19:21	594-20-7	
2-Chlorotoluene	**<362**	ug/kg	1120	362	12.5	01/31/24 10:15	01/31/24 19:21	95-49-8	
4-Chlorotoluene	**<425**	ug/kg	1120	425	12.5	01/31/24 10:15	01/31/24 19:21	106-43-4	
Benzene	**12800**	ug/kg	447	266	12.5	01/31/24 10:15	01/31/24 19:21	71-43-2	
Bromobenzene	**<436**	ug/kg	1120	436	12.5	01/31/24 10:15	01/31/24 19:21	108-86-1	
Bromochloromethane	**<306**	ug/kg	1120	306	12.5	01/31/24 10:15	01/31/24 19:21	74-97-5	
Bromodichloromethane	**<266**	ug/kg	1120	266	12.5	01/31/24 10:15	01/31/24 19:21	75-27-4	
Bromoform	**<4920**	ug/kg	5590	4920	12.5	01/31/24 10:15	01/31/24 19:21	75-25-2	L2
Bromomethane	**<1570**	ug/kg	5590	1570	12.5	01/31/24 10:15	01/31/24 19:21	74-83-9	
Carbon tetrachloride	**<246**	ug/kg	1120	246	12.5	01/31/24 10:15	01/31/24 19:21	56-23-5	
Chlorobenzene	**<134**	ug/kg	1120	134	12.5	01/31/24 10:15	01/31/24 19:21	108-90-7	
Chloroethane	**<472**	ug/kg	5590	472	12.5	01/31/24 10:15	01/31/24 19:21	75-00-3	
Chloroform	**<800**	ug/kg	5590	800	12.5	01/31/24 10:15	01/31/24 19:21	67-66-3	
Chloromethane	**<425**	ug/kg	1120	425	12.5	01/31/24 10:15	01/31/24 19:21	74-87-3	
Dibromochloromethane	**<3820**	ug/kg	5590	3820	12.5	01/31/24 10:15	01/31/24 19:21	124-48-1	
Dibromomethane	**<331**	ug/kg	1120	331	12.5	01/31/24 10:15	01/31/24 19:21	74-95-3	

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(920)469-2436

ANALYTICAL RESULTS

Project: WEST ALLIS PHASE 2
Pace Project No.: 40273666

Sample: SB-02 (9-11) **Lab ID: 40273666004** Collected: 01/29/24 10:45 Received: 01/30/24 09:00 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B Pace Analytical Services - Green Bay								
Dichlorodifluoromethane	**<481**	ug/kg	1120	481	12.5	01/31/24 10:15	01/31/24 19:21	75-71-8	
Diisopropyl ether	**<277**	ug/kg	1120	277	12.5	01/31/24 10:15	01/31/24 19:21	108-20-3	
Ethylbenzene	**35000**	ug/kg	1120	266	12.5	01/31/24 10:15	01/31/24 19:21	100-41-4	
Hexachloro-1,3-butadiene	**<2220**	ug/kg	5590	2220	12.5	01/31/24 10:15	01/31/24 19:21	87-68-3	
Isopropylbenzene (Cumene)	**6300**	ug/kg	1120	302	12.5	01/31/24 10:15	01/31/24 19:21	98-82-8	
Methyl-tert-butyl ether	**<329**	ug/kg	1120	329	12.5	01/31/24 10:15	01/31/24 19:21	1634-04-4	
Methylene Chloride	**<311**	ug/kg	1120	311	12.5	01/31/24 10:15	01/31/24 19:21	75-09-2	
Naphthalene	**10400**	ug/kg	5590	470	12.5	01/31/24 10:15	01/31/24 19:21	91-20-3	
Styrene	**<286**	ug/kg	1120	286	12.5	01/31/24 10:15	01/31/24 19:21	100-42-5	
Tetrachloroethene	**<434**	ug/kg	1120	434	12.5	01/31/24 10:15	01/31/24 19:21	127-18-4	
Toluene	**45000**	ug/kg	1120	282	12.5	01/31/24 10:15	01/31/24 19:21	108-88-3	
Trichloroethene	**<418**	ug/kg	1120	418	12.5	01/31/24 10:15	01/31/24 19:21	79-01-6	
Trichlorofluoromethane	**<324**	ug/kg	1120	324	12.5	01/31/24 10:15	01/31/24 19:21	75-69-4	
Vinyl chloride	**<226**	ug/kg	1120	226	12.5	01/31/24 10:15	01/31/24 19:21	75-01-4	
Xylene (Total)	**228000**	ug/kg	3350	807	12.5	01/31/24 10:15	01/31/24 19:21	1330-20-7	
cis-1,2-Dichloroethene	**<239**	ug/kg	1120	239	12.5	01/31/24 10:15	01/31/24 19:21	156-59-2	
cis-1,3-Dichloropropene	**<738**	ug/kg	5590	738	12.5	01/31/24 10:15	01/31/24 19:21	10061-01-5	
m&p-Xylene	**174000**	ug/kg	2240	472	12.5	01/31/24 10:15	01/31/24 19:21	179601-23-1	
n-Butylbenzene	**11700**	ug/kg	1120	512	12.5	01/31/24 10:15	01/31/24 19:21	104-51-8	
n-Propylbenzene	**20700**	ug/kg	1120	268	12.5	01/31/24 10:15	01/31/24 19:21	103-65-1	
o-Xylene	**53900**	ug/kg	1120	335	12.5	01/31/24 10:15	01/31/24 19:21	95-47-6	
p-Isopropyltoluene	**1800**	ug/kg	1120	380	12.5	01/31/24 10:15	01/31/24 19:21	99-87-6	
sec-Butylbenzene	**1950**	ug/kg	1120	384	12.5	01/31/24 10:15	01/31/24 19:21	135-98-8	
tert-Butylbenzene	**<351**	ug/kg	1120	351	12.5	01/31/24 10:15	01/31/24 19:21	98-06-6	
trans-1,2-Dichloroethene	**<244**	ug/kg	1120	244	12.5	01/31/24 10:15	01/31/24 19:21	156-60-5	
trans-1,3-Dichloropropene	**<3200**	ug/kg	5590	3200	12.5	01/31/24 10:15	01/31/24 19:21	10061-02-6	
Surrogates									
Toluene-d8 (S)	129	%	70-139		12.5	01/31/24 10:15	01/31/24 19:21	2037-26-5	S4
4-Bromofluorobenzene (S)	159	%	72-142		12.5	01/31/24 10:15	01/31/24 19:21	460-00-4	S4
1,2-Dichlorobenzene-d4 (S)	179	%	67-144		12.5	01/31/24 10:15	01/31/24 19:21	2199-69-1	S4
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**28.3**	%	0.10	0.10	1		01/30/24 13:21		

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ANALYTICAL RESULTS

Project: WEST ALLIS PHASE 2
Pace Project No.: 40273666

Sample: SB-03 (2-4) **Lab ID: 40273666005** Collected: 01/29/24 11:15 Received: 01/30/24 09:00 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8082A GCS PCB	Analytical Method: EPA 8082A Preparation Method: EPA 3541 Pace Analytical Services - Green Bay								
PCB-1016 (Aroclor 1016)	**<16.2**	ug/kg	53.1	16.2	1	01/31/24 10:16	02/01/24 02:06	12674-11-2	
PCB-1221 (Aroclor 1221)	**<16.2**	ug/kg	53.1	16.2	1	01/31/24 10:16	02/01/24 02:06	11104-28-2	
PCB-1232 (Aroclor 1232)	**<16.2**	ug/kg	53.1	16.2	1	01/31/24 10:16	02/01/24 02:06	11141-16-5	
PCB-1242 (Aroclor 1242)	**17.5J**	ug/kg	53.1	16.2	1	01/31/24 10:16	02/01/24 02:06	53469-21-9	
PCB-1248 (Aroclor 1248)	**<16.2**	ug/kg	53.1	16.2	1	01/31/24 10:16	02/01/24 02:06	12672-29-6	
PCB-1254 (Aroclor 1254)	**286**	ug/kg	53.1	16.2	1	01/31/24 10:16	02/01/24 02:06	11097-69-1	
PCB-1260 (Aroclor 1260)	**<16.2**	ug/kg	53.1	16.2	1	01/31/24 10:16	02/01/24 02:06	11096-82-5	
PCB, Total	**304**	ug/kg	53.1	16.2	1	01/31/24 10:16	02/01/24 02:06	1336-36-3	
Surrogates									
Tetrachloro-m-xylene (S)	87	%	44-120		1	01/31/24 10:16	02/01/24 02:06	877-09-8	
Decachlorobiphenyl (S)	75	%	34-120		1	01/31/24 10:16	02/01/24 02:06	2051-24-3	
6010D MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3050B Pace Analytical Services - Green Bay								
Arsenic	**2.0J**	mg/kg	2.5	1.4	1	01/31/24 06:26	01/31/24 17:08	7440-38-2	
Barium	**56.9**	mg/kg	0.49	0.15	1	01/31/24 06:26	01/31/24 17:08	7440-39-3	
Cadmium	**<0.13**	mg/kg	0.49	0.13	1	01/31/24 06:26	01/31/24 17:08	7440-43-9	
Chromium	**11.9**	mg/kg	0.98	0.27	1	01/31/24 06:26	01/31/24 17:08	7440-47-3	
Lead	**9.4**	mg/kg	2.0	0.59	1	01/31/24 06:26	01/31/24 17:08	7439-92-1	
Selenium	**<1.3**	mg/kg	3.9	1.3	1	01/31/24 06:26	01/31/24 17:08	7782-49-2	
Silver	**<0.30**	mg/kg	0.98	0.30	1	01/31/24 06:26	01/31/24 17:08	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - Green Bay								
Mercury	**<0.010**	mg/kg	0.036	0.010	1	02/06/24 08:38	02/08/24 10:04	7439-97-6	
8270E MSSV PAH by SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3546 Pace Analytical Services - Green Bay								
Acenaphthene	**24.1J**	ug/kg	35.5	4.6	2	02/05/24 08:05	02/05/24 15:54	83-32-9	
Acenaphthylene	**6.4J**	ug/kg	35.5	4.5	2	02/05/24 08:05	02/05/24 15:54	208-96-8	
Anthracene	**76.9**	ug/kg	35.5	4.4	2	02/05/24 08:05	02/05/24 15:54	120-12-7	
Benzo(a)anthracene	**188**	ug/kg	35.5	4.6	2	02/05/24 08:05	02/05/24 15:54	56-55-3	
Benzo(a)pyrene	**173**	ug/kg	35.5	4.0	2	02/05/24 08:05	02/05/24 15:54	50-32-8	L2
Benzo(b)fluoranthene	**248**	ug/kg	35.5	4.9	2	02/05/24 08:05	02/05/24 15:54	205-99-2	
Benzo(g,h,i)perylene	**140**	ug/kg	35.5	6.2	2	02/05/24 08:05	02/05/24 15:54	191-24-2	
Benzo(k)fluoranthene	**102**	ug/kg	35.5	4.5	2	02/05/24 08:05	02/05/24 15:54	207-08-9	
Chrysene	**233**	ug/kg	35.5	6.7	2	02/05/24 08:05	02/05/24 15:54	218-01-9	
Dibenz(a,h)anthracene	**37.1**	ug/kg	35.5	4.9	2	02/05/24 08:05	02/05/24 15:54	53-70-3	
Fluoranthene	**595**	ug/kg	35.5	4.2	2	02/05/24 08:05	02/05/24 15:54	206-44-0	
Fluorene	**4.5J**	ug/kg	35.5	4.3	2	02/05/24 08:05	02/05/24 15:54	86-73-7	
Indeno(1,2,3-cd)pyrene	**102**	ug/kg	35.5	7.4	2	02/05/24 08:05	02/05/24 15:54	193-39-5	
1-Methylnaphthalene	**42.0**	ug/kg	35.5	5.2	2	02/05/24 08:05	02/05/24 15:54	90-12-0	
2-Methylnaphthalene	**63.0**	ug/kg	35.5	5.2	2	02/05/24 08:05	02/05/24 15:54	91-57-6	
Naphthalene	**46.1**	ug/kg	35.5	3.5	2	02/05/24 08:05	02/05/24 15:54	91-20-3	

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ANALYTICAL RESULTS

Project: WEST ALLIS PHASE 2
Pace Project No.: 40273666

Sample: SB-03 (2-4) **Lab ID: 40273666005** Collected: 01/29/24 11:15 Received: 01/30/24 09:00 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV PAH by SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3546 Pace Analytical Services - Green Bay								
Phenanthrene	**603**	ug/kg	35.5	4.1	2	02/05/24 08:05	02/05/24 15:54	85-01-8	
Pyrene	**435**	ug/kg	35.5	5.2	2	02/05/24 08:05	02/05/24 15:54	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	61	%	39-120		2	02/05/24 08:05	02/05/24 15:54	321-60-8	
Terphenyl-d14 (S)	65	%	36-120		2	02/05/24 08:05	02/05/24 15:54	1718-51-0	
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B Pace Analytical Services - Green Bay								
1,1,1,2-Tetrachloroethane	**<13.5**	ug/kg	56.2	13.5	1	01/31/24 10:15	01/31/24 17:43	630-20-6	
1,1,1-Trichloroethane	**<14.4**	ug/kg	56.2	14.4	1	01/31/24 10:15	01/31/24 17:43	71-55-6	
1,1,2,2-Tetrachloroethane	**<20.3**	ug/kg	56.2	20.3	1	01/31/24 10:15	01/31/24 17:43	79-34-5	
1,1,2-Trichloroethane	**<20.4**	ug/kg	56.2	20.4	1	01/31/24 10:15	01/31/24 17:43	79-00-5	
1,1-Dichloroethane	**<14.4**	ug/kg	56.2	14.4	1	01/31/24 10:15	01/31/24 17:43	75-34-3	
1,1-Dichloroethene	**<18.6**	ug/kg	56.2	18.6	1	01/31/24 10:15	01/31/24 17:43	75-35-4	
1,1-Dichloropropene	**<18.2**	ug/kg	56.2	18.2	1	01/31/24 10:15	01/31/24 17:43	563-58-6	
1,2,3-Trichlorobenzene	**<62.6**	ug/kg	281	62.6	1	01/31/24 10:15	01/31/24 17:43	87-61-6	
1,2,3-Trichloropropane	**<27.3**	ug/kg	56.2	27.3	1	01/31/24 10:15	01/31/24 17:43	96-18-4	
1,2,4-Trichlorobenzene	**<46.3**	ug/kg	281	46.3	1	01/31/24 10:15	01/31/24 17:43	120-82-1	
1,2,4-Trimethylbenzene	**<16.7**	ug/kg	56.2	16.7	1	01/31/24 10:15	01/31/24 17:43	95-63-6	
1,2-Dibromo-3-chloropropane	**<43.6**	ug/kg	281	43.6	1	01/31/24 10:15	01/31/24 17:43	96-12-8	
1,2-Dibromoethane (EDB)	**<15.4**	ug/kg	56.2	15.4	1	01/31/24 10:15	01/31/24 17:43	106-93-4	
1,2-Dichlorobenzene	**<17.4**	ug/kg	56.2	17.4	1	01/31/24 10:15	01/31/24 17:43	95-50-1	
1,2-Dichloroethane	**<12.9**	ug/kg	56.2	12.9	1	01/31/24 10:15	01/31/24 17:43	107-06-2	
1,2-Dichloropropane	**<13.4**	ug/kg	56.2	13.4	1	01/31/24 10:15	01/31/24 17:43	78-87-5	
1,3,5-Trimethylbenzene	**<18.1**	ug/kg	56.2	18.1	1	01/31/24 10:15	01/31/24 17:43	108-67-8	
1,3-Dichlorobenzene	**<15.4**	ug/kg	56.2	15.4	1	01/31/24 10:15	01/31/24 17:43	541-73-1	
1,3-Dichloropropane	**<12.2**	ug/kg	56.2	12.2	1	01/31/24 10:15	01/31/24 17:43	142-28-9	
1,4-Dichlorobenzene	**<15.4**	ug/kg	56.2	15.4	1	01/31/24 10:15	01/31/24 17:43	106-46-7	
2,2-Dichloropropane	**<15.2**	ug/kg	56.2	15.2	1	01/31/24 10:15	01/31/24 17:43	594-20-7	
2-Chlorotoluene	**<18.2**	ug/kg	56.2	18.2	1	01/31/24 10:15	01/31/24 17:43	95-49-8	
4-Chlorotoluene	**<21.3**	ug/kg	56.2	21.3	1	01/31/24 10:15	01/31/24 17:43	106-43-4	
Benzene	**<13.4**	ug/kg	22.5	13.4	1	01/31/24 10:15	01/31/24 17:43	71-43-2	
Bromobenzene	**<21.9**	ug/kg	56.2	21.9	1	01/31/24 10:15	01/31/24 17:43	108-86-1	
Bromochloromethane	**<15.4**	ug/kg	56.2	15.4	1	01/31/24 10:15	01/31/24 17:43	74-97-5	
Bromodichloromethane	**<13.4**	ug/kg	56.2	13.4	1	01/31/24 10:15	01/31/24 17:43	75-27-4	
Bromoform	**<247**	ug/kg	281	247	1	01/31/24 10:15	01/31/24 17:43	75-25-2	L2
Bromomethane	**<78.7**	ug/kg	281	78.7	1	01/31/24 10:15	01/31/24 17:43	74-83-9	
Carbon tetrachloride	**<12.4**	ug/kg	56.2	12.4	1	01/31/24 10:15	01/31/24 17:43	56-23-5	
Chlorobenzene	**<6.7**	ug/kg	56.2	6.7	1	01/31/24 10:15	01/31/24 17:43	108-90-7	
Chloroethane	**<23.7**	ug/kg	281	23.7	1	01/31/24 10:15	01/31/24 17:43	75-00-3	
Chloroform	**<40.2**	ug/kg	281	40.2	1	01/31/24 10:15	01/31/24 17:43	67-66-3	
Chloromethane	**<21.3**	ug/kg	56.2	21.3	1	01/31/24 10:15	01/31/24 17:43	74-87-3	
Dibromochloromethane	**<192**	ug/kg	281	192	1	01/31/24 10:15	01/31/24 17:43	124-48-1	
Dibromomethane	**<16.6**	ug/kg	56.2	16.6	1	01/31/24 10:15	01/31/24 17:43	74-95-3	

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

ANALYTICAL RESULTS

Project: WEST ALLIS PHASE 2
Pace Project No.: 40273666

Sample: SB-03 (2-4) **Lab ID: 40273666005** Collected: 01/29/24 11:15 Received: 01/30/24 09:00 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B Pace Analytical Services - Green Bay								
Dichlorodifluoromethane	**<24.2**	ug/kg	56.2	24.2	1	01/31/24 10:15	01/31/24 17:43	75-71-8	
Diisopropyl ether	**<13.9**	ug/kg	56.2	13.9	1	01/31/24 10:15	01/31/24 17:43	108-20-3	
Ethylbenzene	**<13.4**	ug/kg	56.2	13.4	1	01/31/24 10:15	01/31/24 17:43	100-41-4	
Hexachloro-1,3-butadiene	**<112**	ug/kg	281	112	1	01/31/24 10:15	01/31/24 17:43	87-68-3	
Isopropylbenzene (Cumene)	**<15.2**	ug/kg	56.2	15.2	1	01/31/24 10:15	01/31/24 17:43	98-82-8	
Methyl-tert-butyl ether	**<16.5**	ug/kg	56.2	16.5	1	01/31/24 10:15	01/31/24 17:43	1634-04-4	
Methylene Chloride	**<15.6**	ug/kg	56.2	15.6	1	01/31/24 10:15	01/31/24 17:43	75-09-2	
Naphthalene	**78.2J**	ug/kg	281	23.6	1	01/31/24 10:15	01/31/24 17:43	91-20-3	
Styrene	**<14.4**	ug/kg	56.2	14.4	1	01/31/24 10:15	01/31/24 17:43	100-42-5	
Tetrachloroethene	**<21.8**	ug/kg	56.2	21.8	1	01/31/24 10:15	01/31/24 17:43	127-18-4	
Toluene	**<14.2**	ug/kg	56.2	14.2	1	01/31/24 10:15	01/31/24 17:43	108-88-3	
Trichloroethene	**<21.0**	ug/kg	56.2	21.0	1	01/31/24 10:15	01/31/24 17:43	79-01-6	
Trichlorofluoromethane	**<16.3**	ug/kg	56.2	16.3	1	01/31/24 10:15	01/31/24 17:43	75-69-4	
Vinyl chloride	**<11.3**	ug/kg	56.2	11.3	1	01/31/24 10:15	01/31/24 17:43	75-01-4	
Xylene (Total)	**<40.6**	ug/kg	168	40.6	1	01/31/24 10:15	01/31/24 17:43	1330-20-7	
cis-1,2-Dichloroethene	**<12.0**	ug/kg	56.2	12.0	1	01/31/24 10:15	01/31/24 17:43	156-59-2	
cis-1,3-Dichloropropene	**<37.1**	ug/kg	281	37.1	1	01/31/24 10:15	01/31/24 17:43	10061-01-5	
m&p-Xylene	**<23.7**	ug/kg	112	23.7	1	01/31/24 10:15	01/31/24 17:43	179601-23-1	
n-Butylbenzene	**<25.7**	ug/kg	56.2	25.7	1	01/31/24 10:15	01/31/24 17:43	104-51-8	
n-Propylbenzene	**<13.5**	ug/kg	56.2	13.5	1	01/31/24 10:15	01/31/24 17:43	103-65-1	
o-Xylene	**<16.8**	ug/kg	56.2	16.8	1	01/31/24 10:15	01/31/24 17:43	95-47-6	
p-Isopropyltoluene	**<19.1**	ug/kg	56.2	19.1	1	01/31/24 10:15	01/31/24 17:43	99-87-6	
sec-Butylbenzene	**<19.3**	ug/kg	56.2	19.3	1	01/31/24 10:15	01/31/24 17:43	135-98-8	
tert-Butylbenzene	**<17.6**	ug/kg	56.2	17.6	1	01/31/24 10:15	01/31/24 17:43	98-06-6	
trans-1,2-Dichloroethene	**<12.3**	ug/kg	56.2	12.3	1	01/31/24 10:15	01/31/24 17:43	156-60-5	
trans-1,3-Dichloropropene	**<161**	ug/kg	281	161	1	01/31/24 10:15	01/31/24 17:43	10061-02-6	
Surrogates									
Toluene-d8 (S)	109	%	70-139		1	01/31/24 10:15	01/31/24 17:43	2037-26-5	
4-Bromofluorobenzene (S)	110	%	72-142		1	01/31/24 10:15	01/31/24 17:43	460-00-4	
1,2-Dichlorobenzene-d4 (S)	115	%	67-144		1	01/31/24 10:15	01/31/24 17:43	2199-69-1	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**5.8**	%	0.10	0.10	1		01/30/24 13:22		

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ANALYTICAL RESULTS

Project: WEST ALLIS PHASE 2
Pace Project No.: 40273666

Sample: SB-03 (6-8) **Lab ID: 40273666006** Collected: 01/29/24 11:30 Received: 01/30/24 09:00 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8082A GCS PCB	Analytical Method: EPA 8082A Preparation Method: EPA 3541 Pace Analytical Services - Green Bay								
PCB-1016 (Aroclor 1016)	**<17.5**	ug/kg	57.4	17.5	1	01/31/24 10:16	02/01/24 02:29	12674-11-2	
PCB-1221 (Aroclor 1221)	**<17.5**	ug/kg	57.4	17.5	1	01/31/24 10:16	02/01/24 02:29	11104-28-2	
PCB-1232 (Aroclor 1232)	**<17.5**	ug/kg	57.4	17.5	1	01/31/24 10:16	02/01/24 02:29	11141-16-5	
PCB-1242 (Aroclor 1242)	**18.3J**	ug/kg	57.4	17.5	1	01/31/24 10:16	02/01/24 02:29	53469-21-9	
PCB-1248 (Aroclor 1248)	**<17.5**	ug/kg	57.4	17.5	1	01/31/24 10:16	02/01/24 02:29	12672-29-6	
PCB-1254 (Aroclor 1254)	**183**	ug/kg	57.4	17.5	1	01/31/24 10:16	02/01/24 02:29	11097-69-1	
PCB-1260 (Aroclor 1260)	**<17.5**	ug/kg	57.4	17.5	1	01/31/24 10:16	02/01/24 02:29	11096-82-5	
PCB, Total	**201**	ug/kg	57.4	17.5	1	01/31/24 10:16	02/01/24 02:29	1336-36-3	
Surrogates									
Tetrachloro-m-xylene (S)	86	%	44-120		1	01/31/24 10:16	02/01/24 02:29	877-09-8	
Decachlorobiphenyl (S)	74	%	34-120		1	01/31/24 10:16	02/01/24 02:29	2051-24-3	
6010D MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3050B Pace Analytical Services - Green Bay								
Arsenic	**4.5J**	mg/kg	5.5	3.2	2	01/31/24 06:26	02/01/24 14:57	7440-38-2	D3
Barium	**55.6**	mg/kg	1.1	0.33	2	01/31/24 06:26	02/01/24 14:57	7440-39-3	
Cadmium	**<0.29**	mg/kg	1.1	0.29	2	01/31/24 06:26	02/01/24 14:57	7440-43-9	D3
Chromium	**11.1**	mg/kg	2.2	0.61	2	01/31/24 06:26	02/01/24 14:57	7440-47-3	
Lead	**10.5**	mg/kg	4.4	1.3	2	01/31/24 06:26	02/01/24 14:57	7439-92-1	
Selenium	**<2.9**	mg/kg	8.8	2.9	2	01/31/24 06:26	02/01/24 14:57	7782-49-2	D3
Silver	**<0.68**	mg/kg	2.2	0.68	2	01/31/24 06:26	02/01/24 14:57	7440-22-4	D3
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - Green Bay								
Mercury	**<0.011**	mg/kg	0.040	0.011	1	02/06/24 08:38	02/08/24 10:06	7439-97-6	
8270E MSSV PAH by SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3546 Pace Analytical Services - Green Bay								
Acenaphthene	**88.8**	ug/kg	38.3	5.0	2	02/05/24 08:05	02/05/24 16:09	83-32-9	
Acenaphthylene	**9.7J**	ug/kg	38.3	4.8	2	02/05/24 08:05	02/05/24 16:09	208-96-8	
Anthracene	**156**	ug/kg	38.3	4.8	2	02/05/24 08:05	02/05/24 16:09	120-12-7	
Benzo(a)anthracene	**260**	ug/kg	38.3	5.0	2	02/05/24 08:05	02/05/24 16:09	56-55-3	
Benzo(a)pyrene	**246**	ug/kg	38.3	4.4	2	02/05/24 08:05	02/05/24 16:09	50-32-8	L2
Benzo(b)fluoranthene	**318**	ug/kg	38.3	5.3	2	02/05/24 08:05	02/05/24 16:09	205-99-2	
Benzo(g,h,i)perylene	**174**	ug/kg	38.3	6.7	2	02/05/24 08:05	02/05/24 16:09	191-24-2	
Benzo(k)fluoranthene	**133**	ug/kg	38.3	4.9	2	02/05/24 08:05	02/05/24 16:09	207-08-9	
Chrysene	**304**	ug/kg	38.3	7.2	2	02/05/24 08:05	02/05/24 16:09	218-01-9	
Dibenz(a,h)anthracene	**39.3**	ug/kg	38.3	5.3	2	02/05/24 08:05	02/05/24 16:09	53-70-3	
Fluoranthene	**770**	ug/kg	38.3	4.5	2	02/05/24 08:05	02/05/24 16:09	206-44-0	
Fluorene	**70.1**	ug/kg	38.3	4.6	2	02/05/24 08:05	02/05/24 16:09	86-73-7	
Indeno(1,2,3-cd)pyrene	**126**	ug/kg	38.3	8.0	2	02/05/24 08:05	02/05/24 16:09	193-39-5	
1-Methylnaphthalene	**42.5**	ug/kg	38.3	5.6	2	02/05/24 08:05	02/05/24 16:09	90-12-0	
2-Methylnaphthalene	**56.4**	ug/kg	38.3	5.6	2	02/05/24 08:05	02/05/24 16:09	91-57-6	
Naphthalene	**45.7**	ug/kg	38.3	3.7	2	02/05/24 08:05	02/05/24 16:09	91-20-3	

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ANALYTICAL RESULTS

Project: WEST ALLIS PHASE 2
Pace Project No.: 40273666

Sample: SB-03 (6-8) **Lab ID: 40273666006** Collected: 01/29/24 11:30 Received: 01/30/24 09:00 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV PAH by SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3546 Pace Analytical Services - Green Bay								
Phenanthrene	**693**	ug/kg	38.3	4.4	2	02/05/24 08:05	02/05/24 16:09	85-01-8	
Pyrene	**589**	ug/kg	38.3	5.6	2	02/05/24 08:05	02/05/24 16:09	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	55	%	39-120		2	02/05/24 08:05	02/05/24 16:09	321-60-8	
Terphenyl-d14 (S)	58	%	36-120		2	02/05/24 08:05	02/05/24 16:09	1718-51-0	
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B Pace Analytical Services - Green Bay								
1,1,1,2-Tetrachloroethane	**<15.5**	ug/kg	64.8	15.5	1	01/31/24 10:15	01/31/24 18:03	630-20-6	
1,1,1-Trichloroethane	**<16.6**	ug/kg	64.8	16.6	1	01/31/24 10:15	01/31/24 18:03	71-55-6	
1,1,2,2-Tetrachloroethane	**<23.4**	ug/kg	64.8	23.4	1	01/31/24 10:15	01/31/24 18:03	79-34-5	
1,1,2-Trichloroethane	**<23.6**	ug/kg	64.8	23.6	1	01/31/24 10:15	01/31/24 18:03	79-00-5	
1,1-Dichloroethane	**<16.6**	ug/kg	64.8	16.6	1	01/31/24 10:15	01/31/24 18:03	75-34-3	
1,1-Dichloroethene	**<21.5**	ug/kg	64.8	21.5	1	01/31/24 10:15	01/31/24 18:03	75-35-4	
1,1-Dichloropropene	**<21.0**	ug/kg	64.8	21.0	1	01/31/24 10:15	01/31/24 18:03	563-58-6	
1,2,3-Trichlorobenzene	**<72.2**	ug/kg	324	72.2	1	01/31/24 10:15	01/31/24 18:03	87-61-6	
1,2,3-Trichloropropane	**<31.5**	ug/kg	64.8	31.5	1	01/31/24 10:15	01/31/24 18:03	96-18-4	
1,2,4-Trichlorobenzene	**<53.4**	ug/kg	324	53.4	1	01/31/24 10:15	01/31/24 18:03	120-82-1	
1,2,4-Trimethylbenzene	**<19.3**	ug/kg	64.8	19.3	1	01/31/24 10:15	01/31/24 18:03	95-63-6	
1,2-Dibromo-3-chloropropane	**<50.3**	ug/kg	324	50.3	1	01/31/24 10:15	01/31/24 18:03	96-12-8	
1,2-Dibromoethane (EDB)	**<17.7**	ug/kg	64.8	17.7	1	01/31/24 10:15	01/31/24 18:03	106-93-4	
1,2-Dichlorobenzene	**<20.1**	ug/kg	64.8	20.1	1	01/31/24 10:15	01/31/24 18:03	95-50-1	
1,2-Dichloroethane	**<14.9**	ug/kg	64.8	14.9	1	01/31/24 10:15	01/31/24 18:03	107-06-2	
1,2-Dichloropropane	**<15.4**	ug/kg	64.8	15.4	1	01/31/24 10:15	01/31/24 18:03	78-87-5	
1,3,5-Trimethylbenzene	**<20.9**	ug/kg	64.8	20.9	1	01/31/24 10:15	01/31/24 18:03	108-67-8	
1,3-Dichlorobenzene	**<17.7**	ug/kg	64.8	17.7	1	01/31/24 10:15	01/31/24 18:03	541-73-1	
1,3-Dichloropropane	**<14.1**	ug/kg	64.8	14.1	1	01/31/24 10:15	01/31/24 18:03	142-28-9	
1,4-Dichlorobenzene	**<17.7**	ug/kg	64.8	17.7	1	01/31/24 10:15	01/31/24 18:03	106-46-7	
2,2-Dichloropropane	**<17.5**	ug/kg	64.8	17.5	1	01/31/24 10:15	01/31/24 18:03	594-20-7	
2-Chlorotoluene	**<21.0**	ug/kg	64.8	21.0	1	01/31/24 10:15	01/31/24 18:03	95-49-8	
4-Chlorotoluene	**<24.6**	ug/kg	64.8	24.6	1	01/31/24 10:15	01/31/24 18:03	106-43-4	
Benzene	**<15.4**	ug/kg	25.9	15.4	1	01/31/24 10:15	01/31/24 18:03	71-43-2	
Bromobenzene	**<25.3**	ug/kg	64.8	25.3	1	01/31/24 10:15	01/31/24 18:03	108-86-1	
Bromochloromethane	**<17.7**	ug/kg	64.8	17.7	1	01/31/24 10:15	01/31/24 18:03	74-97-5	
Bromodichloromethane	**<15.4**	ug/kg	64.8	15.4	1	01/31/24 10:15	01/31/24 18:03	75-27-4	
Bromoform	**<285**	ug/kg	324	285	1	01/31/24 10:15	01/31/24 18:03	75-25-2	L2
Bromomethane	**<90.8**	ug/kg	324	90.8	1	01/31/24 10:15	01/31/24 18:03	74-83-9	
Carbon tetrachloride	**<14.2**	ug/kg	64.8	14.2	1	01/31/24 10:15	01/31/24 18:03	56-23-5	
Chlorobenzene	**<7.8**	ug/kg	64.8	7.8	1	01/31/24 10:15	01/31/24 18:03	108-90-7	
Chloroethane	**<27.3**	ug/kg	324	27.3	1	01/31/24 10:15	01/31/24 18:03	75-00-3	
Chloroform	**<46.4**	ug/kg	324	46.4	1	01/31/24 10:15	01/31/24 18:03	67-66-3	
Chloromethane	**<24.6**	ug/kg	64.8	24.6	1	01/31/24 10:15	01/31/24 18:03	74-87-3	
Dibromochloromethane	**<221**	ug/kg	324	221	1	01/31/24 10:15	01/31/24 18:03	124-48-1	
Dibromomethane	**<19.2**	ug/kg	64.8	19.2	1	01/31/24 10:15	01/31/24 18:03	74-95-3	

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Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: WEST ALLIS PHASE 2
Pace Project No.: 40273666

Sample: SB-03 (6-8) **Lab ID: 40273666006** Collected: 01/29/24 11:30 Received: 01/30/24 09:00 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B Pace Analytical Services - Green Bay								
Dichlorodifluoromethane	**<27.8**	ug/kg	64.8	27.8	1	01/31/24 10:15	01/31/24 18:03	75-71-8	
Diisopropyl ether	**<16.1**	ug/kg	64.8	16.1	1	01/31/24 10:15	01/31/24 18:03	108-20-3	
Ethylbenzene	**<15.4**	ug/kg	64.8	15.4	1	01/31/24 10:15	01/31/24 18:03	100-41-4	
Hexachloro-1,3-butadiene	**<129**	ug/kg	324	129	1	01/31/24 10:15	01/31/24 18:03	87-68-3	
Isopropylbenzene (Cumene)	**<17.5**	ug/kg	64.8	17.5	1	01/31/24 10:15	01/31/24 18:03	98-82-8	
Methyl-tert-butyl ether	**<19.0**	ug/kg	64.8	19.0	1	01/31/24 10:15	01/31/24 18:03	1634-04-4	
Methylene Chloride	**<18.0**	ug/kg	64.8	18.0	1	01/31/24 10:15	01/31/24 18:03	75-09-2	
Naphthalene	**125J**	ug/kg	324	27.2	1	01/31/24 10:15	01/31/24 18:03	91-20-3	
Styrene	**<16.6**	ug/kg	64.8	16.6	1	01/31/24 10:15	01/31/24 18:03	100-42-5	
Tetrachloroethene	**<25.1**	ug/kg	64.8	25.1	1	01/31/24 10:15	01/31/24 18:03	127-18-4	
Toluene	**<16.3**	ug/kg	64.8	16.3	1	01/31/24 10:15	01/31/24 18:03	108-88-3	
Trichloroethene	**<24.2**	ug/kg	64.8	24.2	1	01/31/24 10:15	01/31/24 18:03	79-01-6	
Trichlorofluoromethane	**<18.8**	ug/kg	64.8	18.8	1	01/31/24 10:15	01/31/24 18:03	75-69-4	
Vinyl chloride	**<13.1**	ug/kg	64.8	13.1	1	01/31/24 10:15	01/31/24 18:03	75-01-4	
Xylene (Total)	**<46.8**	ug/kg	194	46.8	1	01/31/24 10:15	01/31/24 18:03	1330-20-7	
cis-1,2-Dichloroethene	**<13.9**	ug/kg	64.8	13.9	1	01/31/24 10:15	01/31/24 18:03	156-59-2	
cis-1,3-Dichloropropene	**<42.7**	ug/kg	324	42.7	1	01/31/24 10:15	01/31/24 18:03	10061-01-5	
m&p-Xylene	**<27.3**	ug/kg	130	27.3	1	01/31/24 10:15	01/31/24 18:03	179601-23-1	
n-Butylbenzene	**<29.7**	ug/kg	64.8	29.7	1	01/31/24 10:15	01/31/24 18:03	104-51-8	
n-Propylbenzene	**<15.5**	ug/kg	64.8	15.5	1	01/31/24 10:15	01/31/24 18:03	103-65-1	
o-Xylene	**<19.4**	ug/kg	64.8	19.4	1	01/31/24 10:15	01/31/24 18:03	95-47-6	
p-Isopropyltoluene	**<22.0**	ug/kg	64.8	22.0	1	01/31/24 10:15	01/31/24 18:03	99-87-6	
sec-Butylbenzene	**<22.2**	ug/kg	64.8	22.2	1	01/31/24 10:15	01/31/24 18:03	135-98-8	
tert-Butylbenzene	**<20.3**	ug/kg	64.8	20.3	1	01/31/24 10:15	01/31/24 18:03	98-06-6	
trans-1,2-Dichloroethene	**<14.2**	ug/kg	64.8	14.2	1	01/31/24 10:15	01/31/24 18:03	156-60-5	
trans-1,3-Dichloropropene	**<185**	ug/kg	324	185	1	01/31/24 10:15	01/31/24 18:03	10061-02-6	
Surrogates									
Toluene-d8 (S)	117	%	70-139		1	01/31/24 10:15	01/31/24 18:03	2037-26-5	
4-Bromofluorobenzene (S)	114	%	72-142		1	01/31/24 10:15	01/31/24 18:03	460-00-4	
1,2-Dichlorobenzene-d4 (S)	118	%	67-144		1	01/31/24 10:15	01/31/24 18:03	2199-69-1	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**12.9**	%	0.10	0.10	1		01/30/24 13:22		

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ANALYTICAL RESULTS

Project: WEST ALLIS PHASE 2
Pace Project No.: 40273666

Sample: SB-04 (2-4) **Lab ID: 40273666007** Collected: 01/29/24 12:00 Received: 01/30/24 09:00 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8082A GCS PCB	Analytical Method: EPA 8082A Preparation Method: EPA 3541 Pace Analytical Services - Green Bay								
PCB-1016 (Aroclor 1016)	**<17.0**	ug/kg	56.0	17.0	1	01/31/24 10:16	02/01/24 03:35	12674-11-2	
PCB-1221 (Aroclor 1221)	**<17.0**	ug/kg	56.0	17.0	1	01/31/24 10:16	02/01/24 03:35	11104-28-2	
PCB-1232 (Aroclor 1232)	**<17.0**	ug/kg	56.0	17.0	1	01/31/24 10:16	02/01/24 03:35	11141-16-5	
PCB-1242 (Aroclor 1242)	**<17.0**	ug/kg	56.0	17.0	1	01/31/24 10:16	02/01/24 03:35	53469-21-9	
PCB-1248 (Aroclor 1248)	**<17.0**	ug/kg	56.0	17.0	1	01/31/24 10:16	02/01/24 03:35	12672-29-6	
PCB-1254 (Aroclor 1254)	**<17.0**	ug/kg	56.0	17.0	1	01/31/24 10:16	02/01/24 03:35	11097-69-1	
PCB-1260 (Aroclor 1260)	**<17.0**	ug/kg	56.0	17.0	1	01/31/24 10:16	02/01/24 03:35	11096-82-5	
PCB, Total	**<17.0**	ug/kg	56.0	17.0	1	01/31/24 10:16	02/01/24 03:35	1336-36-3	
Surrogates									
Tetrachloro-m-xylene (S)	88	%	44-120		1	01/31/24 10:16	02/01/24 03:35	877-09-8	
Decachlorobiphenyl (S)	75	%	34-120		1	01/31/24 10:16	02/01/24 03:35	2051-24-3	
6010D MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3050B Pace Analytical Services - Green Bay								
Arsenic	**13.2**	mg/kg	5.1	3.0	2	01/31/24 06:26	02/01/24 14:59	7440-38-2	
Barium	**345**	mg/kg	1.0	0.31	2	01/31/24 06:26	02/01/24 14:59	7440-39-3	
Cadmium	**0.55J**	mg/kg	1.0	0.27	2	01/31/24 06:26	02/01/24 14:59	7440-43-9	D3
Chromium	**40.5**	mg/kg	2.0	0.57	2	01/31/24 06:26	02/01/24 14:59	7440-47-3	
Lead	**233**	mg/kg	4.1	1.2	2	01/31/24 06:26	02/01/24 14:59	7439-92-1	
Selenium	**<2.7**	mg/kg	8.2	2.7	2	01/31/24 06:26	02/01/24 14:59	7782-49-2	D3
Silver	**<0.63**	mg/kg	2.0	0.63	2	01/31/24 06:26	02/01/24 14:59	7440-22-4	D3
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - Green Bay								
Mercury	**0.048**	mg/kg	0.039	0.011	1	02/06/24 08:38	02/08/24 10:09	7439-97-6	
8270E MSSV PAH by SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3546 Pace Analytical Services - Green Bay								
Acenaphthene	**19.3J**	ug/kg	74.5	9.7	4	02/05/24 08:05	02/05/24 16:25	83-32-9	
Acenaphthylene	**92.7**	ug/kg	74.5	9.4	4	02/05/24 08:05	02/05/24 16:25	208-96-8	
Anthracene	**117**	ug/kg	74.5	9.2	4	02/05/24 08:05	02/05/24 16:25	120-12-7	
Benzo(a)anthracene	**380**	ug/kg	74.5	9.6	4	02/05/24 08:05	02/05/24 16:25	56-55-3	
Benzo(a)pyrene	**464**	ug/kg	74.5	8.5	4	02/05/24 08:05	02/05/24 16:25	50-32-8	L2
Benzo(b)fluoranthene	**657**	ug/kg	74.5	10.3	4	02/05/24 08:05	02/05/24 16:25	205-99-2	
Benzo(g,h,i)perylene	**469**	ug/kg	74.5	13.1	4	02/05/24 08:05	02/05/24 16:25	191-24-2	
Benzo(k)fluoranthene	**281**	ug/kg	74.5	9.5	4	02/05/24 08:05	02/05/24 16:25	207-08-9	
Chrysene	**451**	ug/kg	74.5	14.1	4	02/05/24 08:05	02/05/24 16:25	218-01-9	
Dibenz(a,h)anthracene	**93.5**	ug/kg	74.5	10.3	4	02/05/24 08:05	02/05/24 16:25	53-70-3	
Fluoranthene	**643**	ug/kg	74.5	8.8	4	02/05/24 08:05	02/05/24 16:25	206-44-0	
Fluorene	**21.1J**	ug/kg	74.5	8.9	4	02/05/24 08:05	02/05/24 16:25	86-73-7	
Indeno(1,2,3-cd)pyrene	**304**	ug/kg	74.5	15.5	4	02/05/24 08:05	02/05/24 16:25	193-39-5	
1-Methylnaphthalene	**55.7J**	ug/kg	74.5	10.9	4	02/05/24 08:05	02/05/24 16:25	90-12-0	
2-Methylnaphthalene	**87.4**	ug/kg	74.5	10.9	4	02/05/24 08:05	02/05/24 16:25	91-57-6	
Naphthalene	**75.7**	ug/kg	74.5	7.3	4	02/05/24 08:05	02/05/24 16:25	91-20-3	

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(920)469-2436

ANALYTICAL RESULTS

Project: WEST ALLIS PHASE 2
Pace Project No.: 40273666

Sample: SB-04 (2-4) **Lab ID: 40273666007** Collected: 01/29/24 12:00 Received: 01/30/24 09:00 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV PAH by SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3546 Pace Analytical Services - Green Bay								
Phenanthrene	**271**	ug/kg	74.5	8.5	4	02/05/24 08:05	02/05/24 16:25	85-01-8	
Pyrene	**559**	ug/kg	74.5	11.0	4	02/05/24 08:05	02/05/24 16:25	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	52	%	39-120		4	02/05/24 08:05	02/05/24 16:25	321-60-8	
Terphenyl-d14 (S)	55	%	36-120		4	02/05/24 08:05	02/05/24 16:25	1718-51-0	
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B Pace Analytical Services - Green Bay								
1,1,1,2-Tetrachloroethane	**<14.8**	ug/kg	61.6	14.8	1	01/31/24 10:15	01/31/24 18:22	630-20-6	
1,1,1-Trichloroethane	**<15.8**	ug/kg	61.6	15.8	1	01/31/24 10:15	01/31/24 18:22	71-55-6	
1,1,2,2-Tetrachloroethane	**<22.3**	ug/kg	61.6	22.3	1	01/31/24 10:15	01/31/24 18:22	79-34-5	
1,1,2-Trichloroethane	**<22.4**	ug/kg	61.6	22.4	1	01/31/24 10:15	01/31/24 18:22	79-00-5	
1,1-Dichloroethane	**<15.8**	ug/kg	61.6	15.8	1	01/31/24 10:15	01/31/24 18:22	75-34-3	
1,1-Dichloroethene	**<20.4**	ug/kg	61.6	20.4	1	01/31/24 10:15	01/31/24 18:22	75-35-4	
1,1-Dichloropropene	**<20.0**	ug/kg	61.6	20.0	1	01/31/24 10:15	01/31/24 18:22	563-58-6	
1,2,3-Trichlorobenzene	**<68.6**	ug/kg	308	68.6	1	01/31/24 10:15	01/31/24 18:22	87-61-6	
1,2,3-Trichloropropane	**<29.9**	ug/kg	61.6	29.9	1	01/31/24 10:15	01/31/24 18:22	96-18-4	
1,2,4-Trichlorobenzene	**<50.7**	ug/kg	308	50.7	1	01/31/24 10:15	01/31/24 18:22	120-82-1	
1,2,4-Trimethylbenzene	**23.4J**	ug/kg	61.6	18.4	1	01/31/24 10:15	01/31/24 18:22	95-63-6	
1,2-Dibromo-3-chloropropane	**<47.8**	ug/kg	308	47.8	1	01/31/24 10:15	01/31/24 18:22	96-12-8	
1,2-Dibromoethane (EDB)	**<16.9**	ug/kg	61.6	16.9	1	01/31/24 10:15	01/31/24 18:22	106-93-4	
1,2-Dichlorobenzene	**<19.1**	ug/kg	61.6	19.1	1	01/31/24 10:15	01/31/24 18:22	95-50-1	
1,2-Dichloroethane	**<14.2**	ug/kg	61.6	14.2	1	01/31/24 10:15	01/31/24 18:22	107-06-2	
1,2-Dichloropropane	**<14.7**	ug/kg	61.6	14.7	1	01/31/24 10:15	01/31/24 18:22	78-87-5	
1,3,5-Trimethylbenzene	**<19.8**	ug/kg	61.6	19.8	1	01/31/24 10:15	01/31/24 18:22	108-67-8	
1,3-Dichlorobenzene	**<16.9**	ug/kg	61.6	16.9	1	01/31/24 10:15	01/31/24 18:22	541-73-1	
1,3-Dichloropropane	**<13.4**	ug/kg	61.6	13.4	1	01/31/24 10:15	01/31/24 18:22	142-28-9	
1,4-Dichlorobenzene	**<16.9**	ug/kg	61.6	16.9	1	01/31/24 10:15	01/31/24 18:22	106-46-7	
2,2-Dichloropropane	**<16.6**	ug/kg	61.6	16.6	1	01/31/24 10:15	01/31/24 18:22	594-20-7	
2-Chlorotoluene	**<20.0**	ug/kg	61.6	20.0	1	01/31/24 10:15	01/31/24 18:22	95-49-8	
4-Chlorotoluene	**<23.4**	ug/kg	61.6	23.4	1	01/31/24 10:15	01/31/24 18:22	106-43-4	
Benzene	**<14.7**	ug/kg	24.6	14.7	1	01/31/24 10:15	01/31/24 18:22	71-43-2	
Bromobenzene	**<24.0**	ug/kg	61.6	24.0	1	01/31/24 10:15	01/31/24 18:22	108-86-1	
Bromochloromethane	**<16.9**	ug/kg	61.6	16.9	1	01/31/24 10:15	01/31/24 18:22	74-97-5	
Bromodichloromethane	**<14.7**	ug/kg	61.6	14.7	1	01/31/24 10:15	01/31/24 18:22	75-27-4	
Bromoform	**<271**	ug/kg	308	271	1	01/31/24 10:15	01/31/24 18:22	75-25-2	L2
Bromomethane	**<86.3**	ug/kg	308	86.3	1	01/31/24 10:15	01/31/24 18:22	74-83-9	
Carbon tetrachloride	**<13.5**	ug/kg	61.6	13.5	1	01/31/24 10:15	01/31/24 18:22	56-23-5	
Chlorobenzene	**<7.4**	ug/kg	61.6	7.4	1	01/31/24 10:15	01/31/24 18:22	108-90-7	
Chloroethane	**<26.0**	ug/kg	308	26.0	1	01/31/24 10:15	01/31/24 18:22	75-00-3	
Chloroform	**<44.1**	ug/kg	308	44.1	1	01/31/24 10:15	01/31/24 18:22	67-66-3	
Chloromethane	**<23.4**	ug/kg	61.6	23.4	1	01/31/24 10:15	01/31/24 18:22	74-87-3	
Dibromochloromethane	**<210**	ug/kg	308	210	1	01/31/24 10:15	01/31/24 18:22	124-48-1	
Dibromomethane	**<18.2**	ug/kg	61.6	18.2	1	01/31/24 10:15	01/31/24 18:22	74-95-3	

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ANALYTICAL RESULTS

Project: WEST ALLIS PHASE 2
Pace Project No.: 40273666

Sample: SB-04 (2-4) **Lab ID: 40273666007** Collected: 01/29/24 12:00 Received: 01/30/24 09:00 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B Pace Analytical Services - Green Bay								
Dichlorodifluoromethane	**<26.5**	ug/kg	61.6	26.5	1	01/31/24 10:15	01/31/24 18:22	75-71-8	
Diisopropyl ether	**<15.3**	ug/kg	61.6	15.3	1	01/31/24 10:15	01/31/24 18:22	108-20-3	
Ethylbenzene	**<14.7**	ug/kg	61.6	14.7	1	01/31/24 10:15	01/31/24 18:22	100-41-4	
Hexachloro-1,3-butadiene	**<122**	ug/kg	308	122	1	01/31/24 10:15	01/31/24 18:22	87-68-3	
Isopropylbenzene (Cumene)	**<16.6**	ug/kg	61.6	16.6	1	01/31/24 10:15	01/31/24 18:22	98-82-8	
Methyl-tert-butyl ether	**<18.1**	ug/kg	61.6	18.1	1	01/31/24 10:15	01/31/24 18:22	1634-04-4	
Methylene Chloride	**<17.1**	ug/kg	61.6	17.1	1	01/31/24 10:15	01/31/24 18:22	75-09-2	
Naphthalene	**57.4J**	ug/kg	308	25.9	1	01/31/24 10:15	01/31/24 18:22	91-20-3	
Styrene	**<15.8**	ug/kg	61.6	15.8	1	01/31/24 10:15	01/31/24 18:22	100-42-5	
Tetrachloroethene	**<23.9**	ug/kg	61.6	23.9	1	01/31/24 10:15	01/31/24 18:22	127-18-4	
Toluene	**27.8J**	ug/kg	61.6	15.5	1	01/31/24 10:15	01/31/24 18:22	108-88-3	
Trichloroethene	**<23.0**	ug/kg	61.6	23.0	1	01/31/24 10:15	01/31/24 18:22	79-01-6	
Trichlorofluoromethane	**<17.9**	ug/kg	61.6	17.9	1	01/31/24 10:15	01/31/24 18:22	75-69-4	
Vinyl chloride	**<12.4**	ug/kg	61.6	12.4	1	01/31/24 10:15	01/31/24 18:22	75-01-4	
Xylene (Total)	**57.7J**	ug/kg	185	44.5	1	01/31/24 10:15	01/31/24 18:22	1330-20-7	
cis-1,2-Dichloroethene	**<13.2**	ug/kg	61.6	13.2	1	01/31/24 10:15	01/31/24 18:22	156-59-2	
cis-1,3-Dichloropropene	**<40.6**	ug/kg	308	40.6	1	01/31/24 10:15	01/31/24 18:22	10061-01-5	
m&p-Xylene	**37.2J**	ug/kg	123	26.0	1	01/31/24 10:15	01/31/24 18:22	179601-23-1	
n-Butylbenzene	**<28.2**	ug/kg	61.6	28.2	1	01/31/24 10:15	01/31/24 18:22	104-51-8	
n-Propylbenzene	**<14.8**	ug/kg	61.6	14.8	1	01/31/24 10:15	01/31/24 18:22	103-65-1	
o-Xylene	**20.5J**	ug/kg	61.6	18.5	1	01/31/24 10:15	01/31/24 18:22	95-47-6	
p-Isopropyltoluene	**<20.9**	ug/kg	61.6	20.9	1	01/31/24 10:15	01/31/24 18:22	99-87-6	
sec-Butylbenzene	**<21.1**	ug/kg	61.6	21.1	1	01/31/24 10:15	01/31/24 18:22	135-98-8	
tert-Butylbenzene	**<19.3**	ug/kg	61.6	19.3	1	01/31/24 10:15	01/31/24 18:22	98-06-6	
trans-1,2-Dichloroethene	**<13.5**	ug/kg	61.6	13.5	1	01/31/24 10:15	01/31/24 18:22	156-60-5	
trans-1,3-Dichloropropene	**<176**	ug/kg	308	176	1	01/31/24 10:15	01/31/24 18:22	10061-02-6	
Surrogates									
Toluene-d8 (S)	107	%	70-139		1	01/31/24 10:15	01/31/24 18:22	2037-26-5	
4-Bromofluorobenzene (S)	101	%	72-142		1	01/31/24 10:15	01/31/24 18:22	460-00-4	
1,2-Dichlorobenzene-d4 (S)	102	%	67-144		1	01/31/24 10:15	01/31/24 18:22	2199-69-1	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**10.4**	%	0.10	0.10	1		01/30/24 13:22		

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: WEST ALLIS PHASE 2
Pace Project No.: 40273666

Sample: SB-04 (7-9) **Lab ID: 40273666008** Collected: 01/29/24 12:30 Received: 01/30/24 09:00 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8082A GCS PCB	Analytical Method: EPA 8082A Preparation Method: EPA 3541 Pace Analytical Services - Green Bay								
PCB-1016 (Aroclor 1016)	**<185**	ug/kg	608	185	1	01/31/24 10:16	02/01/24 03:57	12674-11-2	
PCB-1221 (Aroclor 1221)	**<185**	ug/kg	608	185	1	01/31/24 10:16	02/01/24 03:57	11104-28-2	
PCB-1232 (Aroclor 1232)	**<185**	ug/kg	608	185	1	01/31/24 10:16	02/01/24 03:57	11141-16-5	
PCB-1242 (Aroclor 1242)	**<185**	ug/kg	608	185	1	01/31/24 10:16	02/01/24 03:57	53469-21-9	
PCB-1248 (Aroclor 1248)	**<185**	ug/kg	608	185	1	01/31/24 10:16	02/01/24 03:57	12672-29-6	
PCB-1254 (Aroclor 1254)	**<185**	ug/kg	608	185	1	01/31/24 10:16	02/01/24 03:57	11097-69-1	
PCB-1260 (Aroclor 1260)	**<185**	ug/kg	608	185	1	01/31/24 10:16	02/01/24 03:57	11096-82-5	
PCB, Total	**<185**	ug/kg	608	185	1	01/31/24 10:16	02/01/24 03:57	1336-36-3	
Surrogates									
Tetrachloro-m-xylene (S)	95	%	44-120		1	01/31/24 10:16	02/01/24 03:57	877-09-8	
Decachlorobiphenyl (S)	82	%	34-120		1	01/31/24 10:16	02/01/24 03:57	2051-24-3	
6010D MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3050B Pace Analytical Services - Green Bay								
Arsenic	**7.9**	mg/kg	3.0	1.7	1	01/31/24 06:26	01/31/24 17:14	7440-38-2	
Barium	**55.5**	mg/kg	0.59	0.18	1	01/31/24 06:26	01/31/24 17:14	7440-39-3	
Cadmium	**<0.16**	mg/kg	0.59	0.16	1	01/31/24 06:26	01/31/24 17:14	7440-43-9	
Chromium	**22.3**	mg/kg	1.2	0.33	1	01/31/24 06:26	01/31/24 17:14	7440-47-3	
Lead	**14.4**	mg/kg	2.4	0.71	1	01/31/24 06:26	01/31/24 17:14	7439-92-1	
Selenium	**<1.6**	mg/kg	4.8	1.6	1	01/31/24 06:26	01/31/24 17:14	7782-49-2	
Silver	**<0.37**	mg/kg	1.2	0.37	1	01/31/24 06:26	01/31/24 17:14	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - Green Bay								
Mercury	**0.016J**	mg/kg	0.043	0.012	1	02/06/24 08:38	02/08/24 10:11	7439-97-6	
8270E MSSV PAH by SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3546 Pace Analytical Services - Green Bay								
Acenaphthene	**68.0J**	ug/kg	208	26.9	10	02/05/24 08:05	02/05/24 16:40	83-32-9	
Acenaphthylene	**<26.2**	ug/kg	208	26.2	10	02/05/24 08:05	02/05/24 16:40	208-96-8	
Anthracene	**<25.8**	ug/kg	208	25.8	10	02/05/24 08:05	02/05/24 16:40	120-12-7	
Benzo(a)anthracene	**130J**	ug/kg	208	26.8	10	02/05/24 08:05	02/05/24 16:40	56-55-3	
Benzo(a)pyrene	**65.6J**	ug/kg	208	23.6	10	02/05/24 08:05	02/05/24 16:40	50-32-8	L2
Benzo(b)fluoranthene	**118J**	ug/kg	208	28.8	10	02/05/24 08:05	02/05/24 16:40	205-99-2	
Benzo(g,h,i)perylene	**48.6J**	ug/kg	208	36.4	10	02/05/24 08:05	02/05/24 16:40	191-24-2	
Benzo(k)fluoranthene	**44.7J**	ug/kg	208	26.5	10	02/05/24 08:05	02/05/24 16:40	207-08-9	
Chrysene	**231**	ug/kg	208	39.2	10	02/05/24 08:05	02/05/24 16:40	218-01-9	
Dibenz(a,h)anthracene	**<28.7**	ug/kg	208	28.7	10	02/05/24 08:05	02/05/24 16:40	53-70-3	
Fluoranthene	**348**	ug/kg	208	24.6	10	02/05/24 08:05	02/05/24 16:40	206-44-0	
Fluorene	**<24.9**	ug/kg	208	24.9	10	02/05/24 08:05	02/05/24 16:40	86-73-7	
Indeno(1,2,3-cd)pyrene	**<43.3**	ug/kg	208	43.3	10	02/05/24 08:05	02/05/24 16:40	193-39-5	
1-Methylnaphthalene	**<30.3**	ug/kg	208	30.3	10	02/05/24 08:05	02/05/24 16:40	90-12-0	
2-Methylnaphthalene	**<30.4**	ug/kg	208	30.4	10	02/05/24 08:05	02/05/24 16:40	91-57-6	
Naphthalene	**48.3J**	ug/kg	208	20.2	10	02/05/24 08:05	02/05/24 16:40	91-20-3	D3

REPORT OF LABORATORY ANALYSIS

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Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: WEST ALLIS PHASE 2
Pace Project No.: 40273666

Sample: SB-04 (7-9) **Lab ID: 40273666008** Collected: 01/29/24 12:30 Received: 01/30/24 09:00 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV PAH by SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3546 Pace Analytical Services - Green Bay								
Phenanthrene	**<23.8**	ug/kg	208	23.8	10	02/05/24 08:05	02/05/24 16:40	85-01-8	
Pyrene	**278**	ug/kg	208	30.5	10	02/05/24 08:05	02/05/24 16:40	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	53	%	39-120		10	02/05/24 08:05	02/05/24 16:40	321-60-8	
Terphenyl-d14 (S)	52	%	36-120		10	02/05/24 08:05	02/05/24 16:40	1718-51-0	
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B Pace Analytical Services - Green Bay								
1,1,1,2-Tetrachloroethane	**<17.9**	ug/kg	74.5	17.9	1	01/31/24 10:15	01/31/24 18:42	630-20-6	
1,1,1-Trichloroethane	**<19.1**	ug/kg	74.5	19.1	1	01/31/24 10:15	01/31/24 18:42	71-55-6	
1,1,2,2-Tetrachloroethane	**<27.0**	ug/kg	74.5	27.0	1	01/31/24 10:15	01/31/24 18:42	79-34-5	
1,1,2-Trichloroethane	**<27.1**	ug/kg	74.5	27.1	1	01/31/24 10:15	01/31/24 18:42	79-00-5	
1,1-Dichloroethane	**<19.1**	ug/kg	74.5	19.1	1	01/31/24 10:15	01/31/24 18:42	75-34-3	
1,1-Dichloroethene	**<24.7**	ug/kg	74.5	24.7	1	01/31/24 10:15	01/31/24 18:42	75-35-4	
1,1-Dichloropropene	**<24.1**	ug/kg	74.5	24.1	1	01/31/24 10:15	01/31/24 18:42	563-58-6	
1,2,3-Trichlorobenzene	**<83.0**	ug/kg	372	83.0	1	01/31/24 10:15	01/31/24 18:42	87-61-6	
1,2,3-Trichloropropane	**<36.2**	ug/kg	74.5	36.2	1	01/31/24 10:15	01/31/24 18:42	96-18-4	
1,2,4-Trichlorobenzene	**<61.4**	ug/kg	372	61.4	1	01/31/24 10:15	01/31/24 18:42	120-82-1	
1,2,4-Trimethylbenzene	**<22.2**	ug/kg	74.5	22.2	1	01/31/24 10:15	01/31/24 18:42	95-63-6	
1,2-Dibromo-3-chloropropane	**<57.8**	ug/kg	372	57.8	1	01/31/24 10:15	01/31/24 18:42	96-12-8	
1,2-Dibromoethane (EDB)	**<20.4**	ug/kg	74.5	20.4	1	01/31/24 10:15	01/31/24 18:42	106-93-4	
1,2-Dichlorobenzene	**<23.1**	ug/kg	74.5	23.1	1	01/31/24 10:15	01/31/24 18:42	95-50-1	
1,2-Dichloroethane	**<17.1**	ug/kg	74.5	17.1	1	01/31/24 10:15	01/31/24 18:42	107-06-2	
1,2-Dichloropropane	**<17.7**	ug/kg	74.5	17.7	1	01/31/24 10:15	01/31/24 18:42	78-87-5	
1,3,5-Trimethylbenzene	**<24.0**	ug/kg	74.5	24.0	1	01/31/24 10:15	01/31/24 18:42	108-67-8	
1,3-Dichlorobenzene	**<20.4**	ug/kg	74.5	20.4	1	01/31/24 10:15	01/31/24 18:42	541-73-1	
1,3-Dichloropropane	**<16.2**	ug/kg	74.5	16.2	1	01/31/24 10:15	01/31/24 18:42	142-28-9	
1,4-Dichlorobenzene	**<20.4**	ug/kg	74.5	20.4	1	01/31/24 10:15	01/31/24 18:42	106-46-7	
2,2-Dichloropropane	**<20.1**	ug/kg	74.5	20.1	1	01/31/24 10:15	01/31/24 18:42	594-20-7	
2-Chlorotoluene	**<24.1**	ug/kg	74.5	24.1	1	01/31/24 10:15	01/31/24 18:42	95-49-8	
4-Chlorotoluene	**<28.3**	ug/kg	74.5	28.3	1	01/31/24 10:15	01/31/24 18:42	106-43-4	
Benzene	**<17.7**	ug/kg	29.8	17.7	1	01/31/24 10:15	01/31/24 18:42	71-43-2	
Bromobenzene	**<29.0**	ug/kg	74.5	29.0	1	01/31/24 10:15	01/31/24 18:42	108-86-1	
Bromochloromethane	**<20.4**	ug/kg	74.5	20.4	1	01/31/24 10:15	01/31/24 18:42	74-97-5	
Bromodichloromethane	**<17.7**	ug/kg	74.5	17.7	1	01/31/24 10:15	01/31/24 18:42	75-27-4	
Bromoform	**<328**	ug/kg	372	328	1	01/31/24 10:15	01/31/24 18:42	75-25-2	L2
Bromomethane	**<104**	ug/kg	372	104	1	01/31/24 10:15	01/31/24 18:42	74-83-9	
Carbon tetrachloride	**<16.4**	ug/kg	74.5	16.4	1	01/31/24 10:15	01/31/24 18:42	56-23-5	
Chlorobenzene	**<8.9**	ug/kg	74.5	8.9	1	01/31/24 10:15	01/31/24 18:42	108-90-7	
Chloroethane	**<31.4**	ug/kg	372	31.4	1	01/31/24 10:15	01/31/24 18:42	75-00-3	
Chloroform	**<53.3**	ug/kg	372	53.3	1	01/31/24 10:15	01/31/24 18:42	67-66-3	
Chloromethane	**<28.3**	ug/kg	74.5	28.3	1	01/31/24 10:15	01/31/24 18:42	74-87-3	
Dibromochloromethane	**<255**	ug/kg	372	255	1	01/31/24 10:15	01/31/24 18:42	124-48-1	
Dibromomethane	**<22.0**	ug/kg	74.5	22.0	1	01/31/24 10:15	01/31/24 18:42	74-95-3	

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(920)469-2436

ANALYTICAL RESULTS

Project: WEST ALLIS PHASE 2
Pace Project No.: 40273666

Sample: SB-04 (7-9) **Lab ID: 40273666008** Collected: 01/29/24 12:30 Received: 01/30/24 09:00 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B Pace Analytical Services - Green Bay								
Dichlorodifluoromethane	**<32.0**	ug/kg	74.5	32.0	1	01/31/24 10:15	01/31/24 18:42	75-71-8	
Diisopropyl ether	**<18.5**	ug/kg	74.5	18.5	1	01/31/24 10:15	01/31/24 18:42	108-20-3	
Ethylbenzene	**<17.7**	ug/kg	74.5	17.7	1	01/31/24 10:15	01/31/24 18:42	100-41-4	
Hexachloro-1,3-butadiene	**<148**	ug/kg	372	148	1	01/31/24 10:15	01/31/24 18:42	87-68-3	
Isopropylbenzene (Cumene)	**70.3J**	ug/kg	74.5	20.1	1	01/31/24 10:15	01/31/24 18:42	98-82-8	
Methyl-tert-butyl ether	**<21.9**	ug/kg	74.5	21.9	1	01/31/24 10:15	01/31/24 18:42	1634-04-4	
Methylene Chloride	**<20.7**	ug/kg	74.5	20.7	1	01/31/24 10:15	01/31/24 18:42	75-09-2	
Naphthalene	**<31.3**	ug/kg	372	31.3	1	01/31/24 10:15	01/31/24 18:42	91-20-3	
Styrene	**<19.1**	ug/kg	74.5	19.1	1	01/31/24 10:15	01/31/24 18:42	100-42-5	
Tetrachloroethene	**<28.9**	ug/kg	74.5	28.9	1	01/31/24 10:15	01/31/24 18:42	127-18-4	
Toluene	**<18.8**	ug/kg	74.5	18.8	1	01/31/24 10:15	01/31/24 18:42	108-88-3	
Trichloroethene	**<27.9**	ug/kg	74.5	27.9	1	01/31/24 10:15	01/31/24 18:42	79-01-6	
Trichlorofluoromethane	**<21.6**	ug/kg	74.5	21.6	1	01/31/24 10:15	01/31/24 18:42	75-69-4	
Vinyl chloride	**<15.0**	ug/kg	74.5	15.0	1	01/31/24 10:15	01/31/24 18:42	75-01-4	
Xylene (Total)	**<53.8**	ug/kg	223	53.8	1	01/31/24 10:15	01/31/24 18:42	1330-20-7	
cis-1,2-Dichloroethene	**<15.9**	ug/kg	74.5	15.9	1	01/31/24 10:15	01/31/24 18:42	156-59-2	
cis-1,3-Dichloropropene	**<49.2**	ug/kg	372	49.2	1	01/31/24 10:15	01/31/24 18:42	10061-01-5	
m&p-Xylene	**<31.4**	ug/kg	149	31.4	1	01/31/24 10:15	01/31/24 18:42	179601-23-1	
n-Butylbenzene	**<34.1**	ug/kg	74.5	34.1	1	01/31/24 10:15	01/31/24 18:42	104-51-8	
n-Propylbenzene	**<17.9**	ug/kg	74.5	17.9	1	01/31/24 10:15	01/31/24 18:42	103-65-1	
o-Xylene	**<22.3**	ug/kg	74.5	22.3	1	01/31/24 10:15	01/31/24 18:42	95-47-6	
p-Isopropyltoluene	**<25.3**	ug/kg	74.5	25.3	1	01/31/24 10:15	01/31/24 18:42	99-87-6	
sec-Butylbenzene	**213**	ug/kg	74.5	25.6	1	01/31/24 10:15	01/31/24 18:42	135-98-8	
tert-Butylbenzene	**<23.4**	ug/kg	74.5	23.4	1	01/31/24 10:15	01/31/24 18:42	98-06-6	
trans-1,2-Dichloroethene	**<16.3**	ug/kg	74.5	16.3	1	01/31/24 10:15	01/31/24 18:42	156-60-5	
trans-1,3-Dichloropropene	**<213**	ug/kg	372	213	1	01/31/24 10:15	01/31/24 18:42	10061-02-6	
Surrogates									
Toluene-d8 (S)	111	%	70-139		1	01/31/24 10:15	01/31/24 18:42	2037-26-5	
4-Bromofluorobenzene (S)	112	%	72-142		1	01/31/24 10:15	01/31/24 18:42	460-00-4	
1,2-Dichlorobenzene-d4 (S)	108	%	67-144		1	01/31/24 10:15	01/31/24 18:42	2199-69-1	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**19.7**	%	0.10	0.10	1		01/30/24 13:22		

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(920)469-2436

QUALITY CONTROL DATA

Project: WEST ALLIS PHASE 2
Pace Project No.: 40273666

QC Batch: 466405
QC Batch Method: EPA 7471
Analysis Method: EPA 7471
Analysis Description: 7471 Mercury
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40273666001, 40273666002, 40273666003

METHOD BLANK: 2673430 Matrix: Solid
Associated Lab Samples: 40273666001, 40273666002, 40273666003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	mg/kg	<0.010	0.035	02/06/24 12:36	

LABORATORY CONTROL SAMPLE: 2673431

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	mg/kg	0.83	0.89	106	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2673432 2673433

Parameter	Units	40273607007 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	mg/kg	0.067	0.97	0.97	1.2	1.1	112	111	85-115	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.

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QUALITY CONTROL DATA

Project: WEST ALLIS PHASE 2
Pace Project No.: 40273666

QC Batch: 466430
QC Batch Method: EPA 7471
Analysis Method: EPA 7471
Analysis Description: 7471 Mercury
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40273666004, 40273666005, 40273666006, 40273666007, 40273666008

METHOD BLANK: 2673496 Matrix: Solid
Associated Lab Samples: 40273666004, 40273666005, 40273666006, 40273666007, 40273666008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	mg/kg	<0.010	0.035	02/08/24 09:52	

LABORATORY CONTROL SAMPLE: 2673497

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	mg/kg	0.83	0.91	109	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2673498 2673499

Parameter	Units	40273666004 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	mg/kg	0.13	1.2	1.2	1.3	0.87	98	64	85-115	37	20	R1

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QUALITY CONTROL DATA

Project: WEST ALLIS PHASE 2
Pace Project No.: 40273666

QC Batch: 466025
QC Batch Method: EPA 3050B
Analysis Method: EPA 6010D
Analysis Description: 6010D MET
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40273666001, 40273666002, 40273666003, 40273666004, 40273666005, 40273666006, 40273666007, 40273666008

METHOD BLANK: 2671764 Matrix: Solid
Associated Lab Samples: 40273666001, 40273666002, 40273666003, 40273666004, 40273666005, 40273666006, 40273666007, 40273666008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	mg/kg	<1.5	2.5	01/31/24 16:46	
Barium	mg/kg	<0.15	0.50	01/31/24 16:46	
Cadmium	mg/kg	<0.13	0.50	01/31/24 16:46	
Chromium	mg/kg	<0.28	1.0	01/31/24 16:46	
Lead	mg/kg	<0.60	2.0	01/31/24 16:46	
Selenium	mg/kg	<1.3	4.0	01/31/24 16:46	
Silver	mg/kg	<0.31	1.0	01/31/24 16:46	

LABORATORY CONTROL SAMPLE: 2671765

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	mg/kg	25	23.6	94	80-120	
Barium	mg/kg	25	25.3	101	80-120	
Cadmium	mg/kg	25	25.3	101	80-120	
Chromium	mg/kg	25	24.6	98	80-120	
Lead	mg/kg	25	25.9	104	80-120	
Selenium	mg/kg	25	25.5	102	80-120	
Silver	mg/kg	12.5	12.0	96	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2671766 2671767

Parameter	Units	40273666001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Arsenic	mg/kg	5.9	26.8	26.7	32.4	32.6	99	100	75-125	1	20	
Barium	mg/kg	117	26.8	26.7	159	170	157	200	75-125	7	20	P6
Cadmium	mg/kg	0.82	26.8	26.7	28.6	28.2	104	102	75-125	1	20	
Chromium	mg/kg	21.2	26.8	26.7	58.2	46.2	138	93	75-125	23	20	M0,R1
Lead	mg/kg	248	26.8	26.7	417	303	629	204	75-125	32	20	P6,R1
Selenium	mg/kg	<1.4	26.8	26.7	27.9	27.5	102	101	75-125	1	20	
Silver	mg/kg	0.38J	13.4	13.4	13.3	13.3	97	96	75-125	0	20	

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QUALITY CONTROL DATA

Project: WEST ALLIS PHASE 2
Pace Project No.: 40273666

QC Batch: 466086
QC Batch Method: EPA 5035/5030B
Analysis Method: EPA 8260
Analysis Description: 8260 MSV Med Level Normal List
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40273666001, 40273666002, 40273666003, 40273666004, 40273666005, 40273666006, 40273666007, 40273666008

METHOD BLANK: 2672018 Matrix: Solid
Associated Lab Samples: 40273666001, 40273666002, 40273666003, 40273666004, 40273666005, 40273666006, 40273666007, 40273666008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	<12.0	50.0	01/31/24 13:44	
1,1,1-Trichloroethane	ug/kg	<12.8	50.0	01/31/24 13:44	
1,1,2,2-Tetrachloroethane	ug/kg	<18.1	50.0	01/31/24 13:44	
1,1,2-Trichloroethane	ug/kg	<18.2	50.0	01/31/24 13:44	
1,1-Dichloroethane	ug/kg	<12.8	50.0	01/31/24 13:44	
1,1-Dichloroethene	ug/kg	<16.6	50.0	01/31/24 13:44	
1,1-Dichloropropene	ug/kg	<16.2	50.0	01/31/24 13:44	
1,2,3-Trichlorobenzene	ug/kg	<55.7	250	01/31/24 13:44	
1,2,3-Trichloropropane	ug/kg	<24.3	50.0	01/31/24 13:44	
1,2,4-Trichlorobenzene	ug/kg	<41.2	250	01/31/24 13:44	
1,2,4-Trimethylbenzene	ug/kg	<14.9	50.0	01/31/24 13:44	
1,2-Dibromo-3-chloropropane	ug/kg	<38.8	250	01/31/24 13:44	
1,2-Dibromoethane (EDB)	ug/kg	<13.7	50.0	01/31/24 13:44	
1,2-Dichlorobenzene	ug/kg	<15.5	50.0	01/31/24 13:44	
1,2-Dichloroethane	ug/kg	<11.5	50.0	01/31/24 13:44	
1,2-Dichloropropane	ug/kg	<11.9	50.0	01/31/24 13:44	
1,3,5-Trimethylbenzene	ug/kg	<16.1	50.0	01/31/24 13:44	
1,3-Dichlorobenzene	ug/kg	<13.7	50.0	01/31/24 13:44	
1,3-Dichloropropane	ug/kg	<10.9	50.0	01/31/24 13:44	
1,4-Dichlorobenzene	ug/kg	<13.7	50.0	01/31/24 13:44	
2,2-Dichloropropane	ug/kg	<13.5	50.0	01/31/24 13:44	
2-Chlorotoluene	ug/kg	<16.2	50.0	01/31/24 13:44	
4-Chlorotoluene	ug/kg	<19.0	50.0	01/31/24 13:44	
Benzene	ug/kg	<11.9	20.0	01/31/24 13:44	
Bromobenzene	ug/kg	<19.5	50.0	01/31/24 13:44	
Bromochloromethane	ug/kg	<13.7	50.0	01/31/24 13:44	
Bromodichloromethane	ug/kg	<11.9	50.0	01/31/24 13:44	
Bromoform	ug/kg	<220	250	01/31/24 13:44	
Bromomethane	ug/kg	<70.1	250	01/31/24 13:44	
Carbon tetrachloride	ug/kg	<11.0	50.0	01/31/24 13:44	
Chlorobenzene	ug/kg	<6.0	50.0	01/31/24 13:44	
Chloroethane	ug/kg	<21.1	250	01/31/24 13:44	
Chloroform	ug/kg	<35.8	250	01/31/24 13:44	
Chloromethane	ug/kg	<19.0	50.0	01/31/24 13:44	
cis-1,2-Dichloroethene	ug/kg	<10.7	50.0	01/31/24 13:44	
cis-1,3-Dichloropropene	ug/kg	<33.0	250	01/31/24 13:44	
Dibromochloromethane	ug/kg	<171	250	01/31/24 13:44	
Dibromomethane	ug/kg	<14.8	50.0	01/31/24 13:44	
Dichlorodifluoromethane	ug/kg	<21.5	50.0	01/31/24 13:44	

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QUALITY CONTROL DATA

Project: WEST ALLIS PHASE 2
Pace Project No.: 40273666

METHOD BLANK: 2672018 Matrix: Solid
Associated Lab Samples: 40273666001, 40273666002, 40273666003, 40273666004, 40273666005, 40273666006, 40273666007, 40273666008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Diisopropyl ether	ug/kg	<12.4	50.0	01/31/24 13:44	
Ethylbenzene	ug/kg	<11.9	50.0	01/31/24 13:44	
Hexachloro-1,3-butadiene	ug/kg	<99.4	250	01/31/24 13:44	
Isopropylbenzene (Cumene)	ug/kg	<13.5	50.0	01/31/24 13:44	
m&p-Xylene	ug/kg	<21.1	100	01/31/24 13:44	
Methyl-tert-butyl ether	ug/kg	<14.7	50.0	01/31/24 13:44	
Methylene Chloride	ug/kg	<13.9	50.0	01/31/24 13:44	
n-Butylbenzene	ug/kg	<22.9	50.0	01/31/24 13:44	
n-Propylbenzene	ug/kg	<12.0	50.0	01/31/24 13:44	
Naphthalene	ug/kg	<21.0	250	01/31/24 13:44	
o-Xylene	ug/kg	<15.0	50.0	01/31/24 13:44	
p-Isopropyltoluene	ug/kg	<17.0	50.0	01/31/24 13:44	
sec-Butylbenzene	ug/kg	<17.2	50.0	01/31/24 13:44	
Styrene	ug/kg	<12.8	50.0	01/31/24 13:44	
tert-Butylbenzene	ug/kg	<15.7	50.0	01/31/24 13:44	
Tetrachloroethene	ug/kg	<19.4	50.0	01/31/24 13:44	
Toluene	ug/kg	<12.6	50.0	01/31/24 13:44	
trans-1,2-Dichloroethene	ug/kg	<10.9	50.0	01/31/24 13:44	
trans-1,3-Dichloropropene	ug/kg	<143	250	01/31/24 13:44	
Trichloroethene	ug/kg	<18.7	50.0	01/31/24 13:44	
Trichlorofluoromethane	ug/kg	<14.5	50.0	01/31/24 13:44	
Vinyl chloride	ug/kg	<10.1	50.0	01/31/24 13:44	
Xylene (Total)	ug/kg	<36.1	150	01/31/24 13:44	
1,2-Dichlorobenzene-d4 (S)	%	101	67-144	01/31/24 13:44	
4-Bromofluorobenzene (S)	%	99	72-142	01/31/24 13:44	
Toluene-d8 (S)	%	92	70-139	01/31/24 13:44	

LABORATORY CONTROL SAMPLE: 2672019

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/kg	2500	2350	94	70-130	
1,1,2,2-Tetrachloroethane	ug/kg	2500	1900	76	70-130	
1,1,2-Trichloroethane	ug/kg	2500	2040	82	70-130	
1,1-Dichloroethane	ug/kg	2500	2810	112	70-130	
1,1-Dichloroethene	ug/kg	2500	2410	97	77-122	
1,2,4-Trichlorobenzene	ug/kg	2500	2050	82	66-125	
1,2-Dibromo-3-chloropropane	ug/kg	2500	1670	67	66-130	
1,2-Dibromoethane (EDB)	ug/kg	2500	2080	83	70-130	
1,2-Dichlorobenzene	ug/kg	2500	2320	93	70-130	
1,2-Dichloroethane	ug/kg	2500	2360	94	70-130	
1,2-Dichloropropane	ug/kg	2500	2480	99	80-121	
1,3-Dichlorobenzene	ug/kg	2500	2320	93	70-130	
1,4-Dichlorobenzene	ug/kg	2500	2230	89	70-130	

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QUALITY CONTROL DATA

Project: WEST ALLIS PHASE 2
Pace Project No.: 40273666

LABORATORY CONTROL SAMPLE: 2672019

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzene	ug/kg	2500	2430	97	70-130	
Bromodichloromethane	ug/kg	2500	2280	91	70-130	
Bromoform	ug/kg	2500	1610	64	67-130	L2
Bromomethane	ug/kg	2500	2550	102	25-150	
Carbon tetrachloride	ug/kg	2500	2150	86	72-136	
Chlorobenzene	ug/kg	2500	2430	97	70-130	
Chloroethane	ug/kg	2500	2320	93	20-178	
Chloroform	ug/kg	2500	2360	94	80-120	
Chloromethane	ug/kg	2500	1970	79	45-123	
cis-1,2-Dichloroethene	ug/kg	2500	2510	100	70-130	
cis-1,3-Dichloropropene	ug/kg	2500	2210	88	70-130	
Dibromochloromethane	ug/kg	2500	1870	75	70-130	
Dichlorodifluoromethane	ug/kg	2500	1340	53	14-106	
Ethylbenzene	ug/kg	2500	2350	94	80-120	
Isopropylbenzene (Cumene)	ug/kg	2500	2410	96	70-130	
m&p-Xylene	ug/kg	5000	4820	96	70-130	
Methyl-tert-butyl ether	ug/kg	2500	2040	81	70-130	
Methylene Chloride	ug/kg	2500	2500	100	70-130	
o-Xylene	ug/kg	2500	2480	99	70-130	
Styrene	ug/kg	2500	2580	103	70-130	
Tetrachloroethene	ug/kg	2500	2340	94	70-130	
Toluene	ug/kg	2500	2340	93	80-120	
trans-1,2-Dichloroethene	ug/kg	2500	2480	99	70-130	
trans-1,3-Dichloropropene	ug/kg	2500	2010	80	70-130	
Trichloroethene	ug/kg	2500	2480	99	70-130	
Trichlorofluoromethane	ug/kg	2500	2180	87	49-141	
Vinyl chloride	ug/kg	2500	1920	77	59-120	
Xylene (Total)	ug/kg	7500	7300	97	70-130	
1,2-Dichlorobenzene-d4 (S)	%			93	67-144	
4-Bromofluorobenzene (S)	%			95	72-142	
Toluene-d8 (S)	%			98	70-139	

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QUALITY CONTROL DATA

Project: WEST ALLIS PHASE 2
Pace Project No.: 40273666

QC Batch: 466080
QC Batch Method: EPA 3541
Analysis Method: EPA 8082A
Analysis Description: 8082 GCS PCB
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40273666001, 40273666002, 40273666003, 40273666004, 40273666005, 40273666006, 40273666007, 40273666008

METHOD BLANK: 2671954 Matrix: Solid
Associated Lab Samples: 40273666001, 40273666002, 40273666003, 40273666004, 40273666005, 40273666006, 40273666007, 40273666008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
PCB-1016 (Aroclor 1016)	ug/kg	<15.2	50.0	01/31/24 19:42	
PCB-1221 (Aroclor 1221)	ug/kg	<15.2	50.0	01/31/24 19:42	
PCB-1232 (Aroclor 1232)	ug/kg	<15.2	50.0	01/31/24 19:42	
PCB-1242 (Aroclor 1242)	ug/kg	<15.2	50.0	01/31/24 19:42	
PCB-1248 (Aroclor 1248)	ug/kg	<15.2	50.0	01/31/24 19:42	
PCB-1254 (Aroclor 1254)	ug/kg	<15.2	50.0	01/31/24 19:42	
PCB-1260 (Aroclor 1260)	ug/kg	<15.2	50.0	01/31/24 19:42	
Decachlorobiphenyl (S)	%	96	34-120	01/31/24 19:42	
Tetrachloro-m-xylene (S)	%	97	44-120	01/31/24 19:42	

LABORATORY CONTROL SAMPLE: 2671955

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
PCB-1016 (Aroclor 1016)	ug/kg		<15.2			
PCB-1221 (Aroclor 1221)	ug/kg		<15.2			
PCB-1232 (Aroclor 1232)	ug/kg		<15.2			
PCB-1242 (Aroclor 1242)	ug/kg		<15.2			
PCB-1248 (Aroclor 1248)	ug/kg		<15.2			
PCB-1254 (Aroclor 1254)	ug/kg		<15.2			
PCB-1260 (Aroclor 1260)	ug/kg	500	463	93	69-120	
Decachlorobiphenyl (S)	%			91	34-120	
Tetrachloro-m-xylene (S)	%			90	44-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2671956 2671957

Parameter	Units	40273666006 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
PCB-1016 (Aroclor 1016)	ug/kg	<17.5			<17.5	<17.5					20	
PCB-1221 (Aroclor 1221)	ug/kg	<17.5			<17.5	<17.5					20	
PCB-1232 (Aroclor 1232)	ug/kg	<17.5			<17.5	<17.5					20	
PCB-1242 (Aroclor 1242)	ug/kg	18.3J			17.8J	20.9J					20	
PCB-1248 (Aroclor 1248)	ug/kg	<17.5			<17.5	<17.5					20	
PCB-1254 (Aroclor 1254)	ug/kg	183			161	231				36	20	
PCB-1260 (Aroclor 1260)	ug/kg	<17.5	575	575	424	445	74	77	51-120	5	20	
Decachlorobiphenyl (S)	%						70	73	34-120			
Tetrachloro-m-xylene (S)	%						81	84	44-120			

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QUALITY CONTROL DATA

Project: WEST ALLIS PHASE 2
Pace Project No.: 40273666

QC Batch: 466320
QC Batch Method: EPA 3546
Analysis Method: EPA 8270E by SIM
Analysis Description: 8270E/3546 MSSV PAH by SIM
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40273666001, 40273666002, 40273666003, 40273666004, 40273666005, 40273666006, 40273666007, 40273666008

METHOD BLANK: 2673222 Matrix: Solid
Associated Lab Samples: 40273666001, 40273666002, 40273666003, 40273666004, 40273666005, 40273666006, 40273666007, 40273666008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1-Methylnaphthalene	ug/kg	<2.4	16.7	02/05/24 10:32	
2-Methylnaphthalene	ug/kg	<2.4	16.7	02/05/24 10:32	
Acenaphthene	ug/kg	<2.2	16.7	02/05/24 10:32	
Acenaphthylene	ug/kg	<2.1	16.7	02/05/24 10:32	
Anthracene	ug/kg	<2.1	16.7	02/05/24 10:32	
Benzo(a)anthracene	ug/kg	<2.2	16.7	02/05/24 10:32	
Benzo(a)pyrene	ug/kg	<1.9	16.7	02/05/24 10:32	
Benzo(b)fluoranthene	ug/kg	<2.3	16.7	02/05/24 10:32	
Benzo(g,h,i)perylene	ug/kg	<2.9	16.7	02/05/24 10:32	
Benzo(k)fluoranthene	ug/kg	<2.1	16.7	02/05/24 10:32	
Chrysene	ug/kg	<3.1	16.7	02/05/24 10:32	
Dibenz(a,h)anthracene	ug/kg	<2.3	16.7	02/05/24 10:32	
Fluoranthene	ug/kg	<2.0	16.7	02/05/24 10:32	
Fluorene	ug/kg	<2.0	16.7	02/05/24 10:32	
Indeno(1,2,3-cd)pyrene	ug/kg	<3.5	16.7	02/05/24 10:32	
Naphthalene	ug/kg	<1.6	16.7	02/05/24 10:32	
Phenanthrene	ug/kg	<1.9	16.7	02/05/24 10:32	
Pyrene	ug/kg	<2.5	16.7	02/05/24 10:32	
2-Fluorobiphenyl (S)	%	69	39-120	02/05/24 10:32	
Terphenyl-d14 (S)	%	75	36-120	02/05/24 10:32	

LABORATORY CONTROL SAMPLE: 2673223

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	ug/kg	333	221	66	62-120	
2-Methylnaphthalene	ug/kg	333	217	65	61-120	
Acenaphthene	ug/kg	333	226	68	66-120	
Acenaphthylene	ug/kg	333	225	67	63-120	
Anthracene	ug/kg	333	238	72	72-120	
Benzo(a)anthracene	ug/kg	333	229	69	64-120	
Benzo(a)pyrene	ug/kg	333	246	74	76-120	L2
Benzo(b)fluoranthene	ug/kg	333	249	75	62-120	
Benzo(g,h,i)perylene	ug/kg	333	277	83	73-120	
Benzo(k)fluoranthene	ug/kg	333	260	78	69-120	
Chrysene	ug/kg	333	250	75	70-120	
Dibenz(a,h)anthracene	ug/kg	333	262	79	72-120	
Fluoranthene	ug/kg	333	240	72	71-120	

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QUALITY CONTROL DATA

Project: WEST ALLIS PHASE 2
Pace Project No.: 40273666

LABORATORY CONTROL SAMPLE: 2673223

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Fluorene	ug/kg	333	234	70	68-120	
Indeno(1,2,3-cd)pyrene	ug/kg	333	249	75	72-120	
Naphthalene	ug/kg	333	209	63	60-120	
Phenanthrene	ug/kg	333	237	71	66-120	
Pyrene	ug/kg	333	229	69	65-120	
2-Fluorobiphenyl (S)	%			66	39-120	
Terphenyl-d14 (S)	%			68	36-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2673224 2673225

Parameter	Units	40273546008 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1-Methylnaphthalene	ug/kg	<2.8	385	385	235	247	61	64	50-120	5	34	
2-Methylnaphthalene	ug/kg	<2.8	385	385	229	244	60	63	48-120	6	29	
Acenaphthene	ug/kg	<2.5	385	385	244	251	63	65	51-120	3	26	
Acenaphthylene	ug/kg	<2.4	385	385	243	250	63	65	49-120	3	22	
Anthracene	ug/kg	<2.4	385	385	268	266	70	69	52-120	1	25	
Benzo(a)anthracene	ug/kg	<2.5	385	385	258	254	67	66	47-120	2	37	
Benzo(a)pyrene	ug/kg	<2.2	385	385	281	275	73	71	53-120	2	33	
Benzo(b)fluoranthene	ug/kg	<2.7	385	385	288	280	75	73	43-120	3	43	
Benzo(g,h,i)perylene	ug/kg	<3.4	385	385	311	306	81	79	38-120	2	36	
Benzo(k)fluoranthene	ug/kg	<2.5	385	385	290	284	75	74	49-120	2	30	
Chrysene	ug/kg	<3.6	385	385	281	275	73	71	45-120	2	28	
Dibenz(a,h)anthracene	ug/kg	<2.7	385	385	295	288	77	75	41-120	2	33	
Fluoranthene	ug/kg	<2.3	385	385	276	272	72	71	50-120	1	43	
Fluorene	ug/kg	<2.3	385	385	256	259	66	67	47-120	1	27	
Indeno(1,2,3-cd)pyrene	ug/kg	<4.0	385	385	282	275	73	71	35-120	2	33	
Naphthalene	ug/kg	<1.9	385	385	221	240	57	62	42-120	8	26	
Phenanthrene	ug/kg	<2.2	385	385	264	262	68	68	45-120	1	24	
Pyrene	ug/kg	<2.8	385	385	259	255	67	66	42-120	2	41	
2-Fluorobiphenyl (S)	%						60	62	39-120			
Terphenyl-d14 (S)	%						65	63	36-120			

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

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: WEST ALLIS PHASE 2
Pace Project No.: 40273666

QC Batch: 465985
QC Batch Method: ASTM D2974-87
Analysis Method: ASTM D2974-87
Analysis Description: Dry Weight/Percent Moisture
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40273666001, 40273666002, 40273666003, 40273666004, 40273666005, 40273666006, 40273666007, 40273666008

SAMPLE DUPLICATE: 2671681

Parameter	Units	40273647002 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	6.0	6.2	4	10	

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

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QUALIFIERS

Project: WEST ALLIS PHASE 2
Pace Project No.: 40273666

DEFINITIONS

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

ND - Not Detected at or above LOD.

J - The reported result is an estimated value.

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

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

DL - Adjusted Method Detection Limit.

S - Surrogate

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

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Analyte was not detected and is reported as less than the LOD or as defined by the customer.

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

D3	Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.
L2	Analyte recovery in the laboratory control sample (LCS) was below QC limits. Results may be biased low.
M0	Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.
P6	Matrix spike recovery was outside laboratory control limits due to a parent sample concentration notably higher than the spike level.
R1	RPD value was outside control limits.
S3	Surrogate recovery exceeded laboratory control limits. Analyte presence below reporting limits in associated sample.
S4	Surrogate recovery not evaluated against control limits due to sample dilution.

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(920)469-2436

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: WEST ALLIS PHASE 2
Pace Project No.: 40273666

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40273666001	**SB-01 (2-4)**	EPA 3541	466080	EPA 8082A	466082
40273666002	**SB-01 (5-7)**	EPA 3541	466080	EPA 8082A	466082
40273666003	**SB-02 (2-4)**	EPA 3541	466080	EPA 8082A	466082
40273666004	**SB-02 (9-11)**	EPA 3541	466080	EPA 8082A	466082
40273666005	**SB-03 (2-4)**	EPA 3541	466080	EPA 8082A	466082
40273666006	**SB-03 (6-8)**	EPA 3541	466080	EPA 8082A	466082
40273666007	**SB-04 (2-4)**	EPA 3541	466080	EPA 8082A	466082
40273666008	**SB-04 (7-9)**	EPA 3541	466080	EPA 8082A	466082
40273666001	**SB-01 (2-4)**	EPA 3050B	466025	EPA 6010D	466098
40273666002	**SB-01 (5-7)**	EPA 3050B	466025	EPA 6010D	466098
40273666003	**SB-02 (2-4)**	EPA 3050B	466025	EPA 6010D	466098
40273666004	**SB-02 (9-11)**	EPA 3050B	466025	EPA 6010D	466098
40273666005	**SB-03 (2-4)**	EPA 3050B	466025	EPA 6010D	466098
40273666006	**SB-03 (6-8)**	EPA 3050B	466025	EPA 6010D	466098
40273666007	**SB-04 (2-4)**	EPA 3050B	466025	EPA 6010D	466098
40273666008	**SB-04 (7-9)**	EPA 3050B	466025	EPA 6010D	466098
40273666001	**SB-01 (2-4)**	EPA 7471	466405	EPA 7471	466442
40273666002	**SB-01 (5-7)**	EPA 7471	466405	EPA 7471	466442
40273666003	**SB-02 (2-4)**	EPA 7471	466405	EPA 7471	466442
40273666004	**SB-02 (9-11)**	EPA 7471	466430	EPA 7471	466702
40273666005	**SB-03 (2-4)**	EPA 7471	466430	EPA 7471	466702
40273666006	**SB-03 (6-8)**	EPA 7471	466430	EPA 7471	466702
40273666007	**SB-04 (2-4)**	EPA 7471	466430	EPA 7471	466702
40273666008	**SB-04 (7-9)**	EPA 7471	466430	EPA 7471	466702
40273666001	**SB-01 (2-4)**	EPA 3546	466320	EPA 8270E by SIM	466372
40273666002	**SB-01 (5-7)**	EPA 3546	466320	EPA 8270E by SIM	466372
40273666003	**SB-02 (2-4)**	EPA 3546	466320	EPA 8270E by SIM	466372
40273666004	**SB-02 (9-11)**	EPA 3546	466320	EPA 8270E by SIM	466372
40273666005	**SB-03 (2-4)**	EPA 3546	466320	EPA 8270E by SIM	466372
40273666006	**SB-03 (6-8)**	EPA 3546	466320	EPA 8270E by SIM	466372
40273666007	**SB-04 (2-4)**	EPA 3546	466320	EPA 8270E by SIM	466372
40273666008	**SB-04 (7-9)**	EPA 3546	466320	EPA 8270E by SIM	466372
40273666001	**SB-01 (2-4)**	EPA 5035/5030B	466086	EPA 8260	466091
40273666002	**SB-01 (5-7)**	EPA 5035/5030B	466086	EPA 8260	466091
40273666003	**SB-02 (2-4)**	EPA 5035/5030B	466086	EPA 8260	466091
40273666004	**SB-02 (9-11)**	EPA 5035/5030B	466086	EPA 8260	466091
40273666005	**SB-03 (2-4)**	EPA 5035/5030B	466086	EPA 8260	466091
40273666006	**SB-03 (6-8)**	EPA 5035/5030B	466086	EPA 8260	466091
40273666007	**SB-04 (2-4)**	EPA 5035/5030B	466086	EPA 8260	466091
40273666008	**SB-04 (7-9)**	EPA 5035/5030B	466086	EPA 8260	466091
40273666001	**SB-01 (2-4)**	ASTM D2974-87	465985		
40273666002	**SB-01 (5-7)**	ASTM D2974-87	465985		
40273666003	**SB-02 (2-4)**	ASTM D2974-87	465985		
40273666004	**SB-02 (9-11)**	ASTM D2974-87	465985		
40273666005	**SB-03 (2-4)**	ASTM D2974-87	465985		
40273666006	**SB-03 (6-8)**	ASTM D2974-87	465985		

REPORT OF LABORATORY ANALYSIS

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(920)469-2436

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: WEST ALLIS PHASE 2
Pace Project No.: 40273666

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40273666007	**SB-04 (2-4)**	ASTM D2974-87	465985		
40273666008	**SB-04 (7-9)**	ASTM D2974-87	465985		

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Pace® Location Requested (City/State):
Pace Analytical Green Bay
1241 Bellevue Street, Suite 9
Green Bay, WI 54302

CHAIN-OF-CUSTODY Analytical Request Document

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

LAB USE ONLY- Affix Workorder/Login Label Here 40273666

Scan QR Code for instructions

Company Name.	Ramboll US Consulting, Inc.
Street Address:	234 W. Florida Street, Fifth Floor Milwaukee, WI 53204
Customer Project #	
Project Name:	West Allis phase 2
Site Collection Info/Facility ID (as applicable):	
Contact/Report To:	Donna Volk
Phone #:	262-901-3504
E-Mail.	dvolk@ramboll.com
Cc E-Mail:	
Invoice To:	Ramboll Americas
Invoice E-Mail.	ramboll.us@pdf.basware.com
Purchase Order # (if applicable):	
Quote #.	

Time Zone Collected. [ ] AK [ ] PT [ ] MT [X] CT [ ] ET

County / State origin of sample(s): Wisconsin

Data Deliverables:
[ ] Level II [ ] Level III [ ] Level IV
[ ] EQUIS
[ ] Other

Regulatory Program (DW, RCRA, etc.) as applicable: Reportable [ ] Yes [ ] No

Rush (Pre-approval required):
[ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day [ ] Other _____

DW PWSID # or WW Permit # as applicable

Date Results Requested: Standard turn-around

Field Filtered (if applicable): [ ] Yes [ ] No

Analysis:

Specify Container Size **: 10 | 10 | 6

Identify Container Preservative Type***: 1 | 1 | 10

Analysis Requested

**Container Size (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 90mL, (10) Other

*** Preservative Types (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

Lab Use Only:
Proj. Mgr: Steven Mleczko
AcctNum / Client ID:
Table #:
Profile / Template: 5351
Prelog / Bottle Ord. ID: EZ 3062095

Preservation non-conformance identified for sample

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Waste Water (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW), Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Composite Start Date	Composite Start Time	Collected or Composite End Date	Collected or Composite End Time	# Cont.	Res. Chlorine Results	Res. Chlorine Units	8270E PAH by SIM/PCB	RCRA metals, Dry weight	8260 MSV	Sample Comment
SB-01 (2-4)	Soil	G			1/29/24	0955	3	NA	NA	X	X	X	001
SB-01 (5-7)						1010	3			X	X	X	002
SB-02 (2-4)						1030	3			X	X	X	003
SB-02 (9-11)						1045	3			X	X	X	004
SB-03 (2-4)				LA 1/29		1115	3			X	X	X	005
SB-03 (6-8)						1130	3			X	X	X	006
SB-04 (2-4)						1200	3			X	X	X	007
SB-04 (7-9)						1230	3			X	X	X	008
MeOH Blank	-	-			1/29/24	-	1					X	009 1/30/24 86

LA 1/29

Additional Instructions from Pace®:

Collected By:
(Printed Name) Lauren Anderson
Signature.

Customer Remarks / Special Conditions / Possible Hazards:

# Coolers:	Thermometer ID.	Correction Factor (°C):	Obs Temp (°C)	Corrected Temp. (°C)	On Ice:

Relinquished by/Company. (Signature)	Date/Time	Received by/Company. (Signature)	Date/Time	Tracking Number:
Ramboll	1/29/24 1410			
CS Logistics	1/30/24 0900		1/30/24 0900	Delivered by: [ ] In-Person [ ] Courier [ ] FedEx [ ] UPS [ ] Other
				Page: 1 of 1

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace® Terms and Conditions found at https://www.pacelabs.com/resource-library/resource/pace-terms-and-conditions/

ENV-FRM-CORQ-0019_v02_110123 ©

Sample Preservation Receipt Form

Client Name: Rambol

Project # 402736006

All containers needing preservation have been checked and noted below. ☐Yes ☐No ☒N/A

Lab Lot# of pH paper. Lab Std #ID of preservation (if pH adjusted).

Initial when completed: Date/ Time:

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

1/30/24 86

Exceptions to preservation check VOA, Coliform, TOC, TOX, TOH, O&G, WI DRO, Phenolics, Other:

Headspace in VOA Vials (>6mm) . ☐Yes ☐No ☒N/A ***If yes look in headspace column**

AG1U	1 liter amber glass	BP1U	1 liter plastic unpres	VG9C	40 mL clear ascorbic w/ HCl	JGFU	4 oz amber jar unpres
BG1U	1 liter clear glass	BP3U	250 mL plastic unpres	DG9T	40 mL amber Na Thio	JG9U	9 oz amber jar unpres
AG1H	1 liter amber glass HCL	BP3B	250 mL plastic NaOH	VG9U	40 mL clear vial unpres	WGFU	4 oz clear jar unpres
AG4S	125 mL amber glass H2SO4	BP3N	250 mL plastic HNO3	VG9H	40 mL clear vial HCL	WPFU	4 oz plastic jar unpres
AG5U	100 mL amber glass unpres	BP3S	250 mL plastic H2SO4	VG9M	40 mL clear vial MeOH	SP5T	120 mL plastic Na Thiosulfate
AG2S	500 mL amber glass H2SO4	BP2Z	500 mL plastic NaOH + Zn	VG9D	40 mL clear vial DI	ZPLC	ziploc bag
BG3U	250 mL clear glass unpres					GN 1	
						GN 2	

Sample Condition Upon Receipt Form (SCUR)

Project #:

WO# : 40273666

40273666

Client Name: Ramboll

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

Tracking #: _____

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

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

Packing Material: ☐ Bubble Wrap ☑ Bubble Bags ☐ None ☐ Other _____

Thermometer Used SR - 139 **Type of Ice:** (Wet) Blue Dry None ☐ Meltwater Only

Cooler Temperature Uncorr: 1.0 /Corr: 1.0

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

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

Person examining contents:
Date: 1/30/24 /Initials: SG

Labeled By Initials: TJW

Chain of Custody Present:	☑Yes ☐No ☐N/A	1.
Chain of Custody Filled Out:	☑Yes ☐No ☐N/A	2.
Chain of Custody Relinquished:	☑Yes ☐No ☐N/A	3.
Sampler Name & Signature on COC:	☑Yes ☐No ☐N/A	4.
Samples Arrived within Hold Time:	☑Yes ☐No	5.
- DI VOA Samples frozen upon receipt	☐Yes ☐No	Date/Time:
Short Hold Time Analysis (<72hr):	☐Yes ☑No	6.
Rush Turn Around Time Requested:	☐Yes ☑No	7.
Sufficient Volume: For Analysis: ☑Yes ☐No MS/MSD: ☐Yes ☑No ☐N/A		8.
Correct Containers Used:	☑Yes ☐No	9.
Correct Type: (Pace Green Bay), Pace IR, Non-Pace		
Containers Intact:	☑Yes ☐No	10.
Filtered volume received for Dissolved tests	☐Yes ☐No ☑N/A	11.
Sample Labels match COC: -Includes date/time/ID/Analysis Matrix: SL	☑Yes ☐No ☐N/A	12.
Trip Blank Present:	☐Yes ☑No ☐N/A	13. no MeOH Blank received 1/30/24 NK
Trip Blank Custody Seals Present	☐Yes ☐No ☑N/A	
Pace Trip Blank Lot # (if purchased): _____		

Client Notification/ Resolution: If checked, see attached form for additional comments ☐

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

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

Page 2 of 2

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

February 13, 2024

Donna Volk
Ramboll US Consulting, Inc.
234 W. Florida Street
Fifth Floor
Milwaukee, WI 53204

RE: Project: WEST ALLIS PH 2
Pace Project No.: 40273925

Dear Donna Volk:

Enclosed are the analytical results for sample(s) received by the laboratory on February 06, 2024. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

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

- Pace Analytical Services - Green Bay

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

Sincerely,

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

Enclosures

cc: Alex Bartelme, Ramboll
Mitchell Levenhagen, Ramboll US Consulting, Inc.

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CERTIFICATIONS

Project: WEST ALLIS PH 2
Pace Project No.: 40273925

Pace Analytical Services Green Bay
1241 Bellevue Street, Green Bay, WI 54302
Florida/NELAP Certification #: E87948
Illinois Certification #: 200050
Kentucky UST Certification #: 82
Louisiana Certification #: 04168
Minnesota Certification #: 055-999-334
New York Certification #: 12064
North Dakota Certification #: R-150
South Carolina Certification #: 83006001
Texas Certification #: T104704529-21-8
Virginia VELAP Certification ID: 11873
Wisconsin Certification #: 405132750
Wisconsin DATCP Certification #: 105-444
USDA Soil Permit #: P330-21-00008
Federal Fish & Wildlife Permit #: 51774A

REPORT OF LABORATORY ANALYSIS

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Green Bay, WI 54302
(920)469-2436

SAMPLE SUMMARY

Project: WEST ALLIS PH 2
Pace Project No.: 40273925

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40273925001	**TW01**	Water	02/02/24 11:10	02/06/24 09:20
40273925002	**TW02**	Water	02/02/24 10:38	02/06/24 09:20
40273925003	**TRIP BLANK**	Water	02/02/24 00:00	02/06/24 09:20
40273925004	**MEOH BLANK**	Solid	02/02/24 00:00	02/06/24 09:20

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SAMPLE ANALYTE COUNT

Project: WEST ALLIS PH 2
Pace Project No.: 40273925

Lab ID	Sample ID	Method	Analysts	Analytes Reported
40273925001	**TW01**	EPA 8260	CXJ	65
40273925002	**TW02**	EPA 8260	CXJ	65
40273925003	**TRIP BLANK**	EPA 8260	CXJ	65
40273925004	**MEOH BLANK**	EPA 8260	CXJ	65

PASI-G = Pace Analytical Services - Green Bay

REPORT OF LABORATORY ANALYSIS

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

SUMMARY OF DETECTION

Project: WEST ALLIS PH 2
Pace Project No.: 40273925

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40273925001	**TW01**					
EPA 8260	Benzene	3.1	ug/L	1.0	02/09/24 13:29	
EPA 8260	Ethylbenzene	0.50J	ug/L	1.0	02/09/24 13:29	
EPA 8260	Toluene	1.2	ug/L	1.0	02/09/24 13:29	
EPA 8260	1,2,4-Trimethylbenzene	1.0	ug/L	1.0	02/09/24 13:29	
EPA 8260	Xylene (Total)	2.7J	ug/L	3.0	02/09/24 13:29	
EPA 8260	m&p-Xylene	2.1	ug/L	2.0	02/09/24 13:29	
EPA 8260	o-Xylene	0.62J	ug/L	1.0	02/09/24 13:29	
40273925002	**TW02**					
EPA 8260	Benzene	1110	ug/L	10.0	02/12/24 09:46	
EPA 8260	sec-Butylbenzene	1.5J	ug/L	2.5	02/09/24 16:07	
EPA 8260	Ethylbenzene	83.1	ug/L	2.5	02/09/24 16:07	
EPA 8260	Isopropylbenzene (Cumene)	15.1	ug/L	12.5	02/09/24 16:07	
EPA 8260	Naphthalene	20.4	ug/L	12.5	02/09/24 16:07	
EPA 8260	n-Propylbenzene	33.1	ug/L	2.5	02/09/24 16:07	
EPA 8260	Styrene	3.5	ug/L	2.5	02/09/24 16:07	
EPA 8260	Toluene	190	ug/L	2.5	02/09/24 16:07	
EPA 8260	1,2,4-Trimethylbenzene	239	ug/L	2.5	02/09/24 16:07	
EPA 8260	1,3,5-Trimethylbenzene	27.3	ug/L	2.5	02/09/24 16:07	
EPA 8260	Xylene (Total)	491	ug/L	7.5	02/09/24 16:07	
EPA 8260	m&p-Xylene	378	ug/L	5.0	02/09/24 16:07	
EPA 8260	o-Xylene	113	ug/L	2.5	02/09/24 16:07	

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ANALYTICAL RESULTS

Project: WEST ALLIS PH 2
Pace Project No.: 40273925

Sample: TW01 **Lab ID: 40273925001** Collected: 02/02/24 11:10 Received: 02/06/24 09:20 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	**3.1**	ug/L	1.0	0.30	1		02/09/24 13:29	71-43-2	
Bromobenzene	**<0.36**	ug/L	1.0	0.36	1		02/09/24 13:29	108-86-1	
Bromochloromethane	**<0.36**	ug/L	1.0	0.36	1		02/09/24 13:29	74-97-5	
Bromodichloromethane	**<0.42**	ug/L	1.0	0.42	1		02/09/24 13:29	75-27-4	
Bromoform	**<0.43**	ug/L	1.0	0.43	1		02/09/24 13:29	75-25-2	
Bromomethane	**<1.2**	ug/L	5.0	1.2	1		02/09/24 13:29	74-83-9	
n-Butylbenzene	**<0.86**	ug/L	1.0	0.86	1		02/09/24 13:29	104-51-8	
sec-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		02/09/24 13:29	135-98-8	
tert-Butylbenzene	**<0.59**	ug/L	1.0	0.59	1		02/09/24 13:29	98-06-6	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		02/09/24 13:29	56-23-5	
Chlorobenzene	**<0.86**	ug/L	1.0	0.86	1		02/09/24 13:29	108-90-7	
Chloroethane	**<1.4**	ug/L	5.0	1.4	1		02/09/24 13:29	75-00-3	
Chloroform	**<0.50**	ug/L	5.0	0.50	1		02/09/24 13:29	67-66-3	
Chloromethane	**<1.6**	ug/L	5.0	1.6	1		02/09/24 13:29	74-87-3	
2-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		02/09/24 13:29	95-49-8	
4-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		02/09/24 13:29	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.4**	ug/L	5.0	2.4	1		02/09/24 13:29	96-12-8	
Dibromochloromethane	**<2.6**	ug/L	5.0	2.6	1		02/09/24 13:29	124-48-1	
1,2-Dibromoethane (EDB)	**<0.31**	ug/L	1.0	0.31	1		02/09/24 13:29	106-93-4	
Dibromomethane	**<0.99**	ug/L	5.0	0.99	1		02/09/24 13:29	74-95-3	
1,2-Dichlorobenzene	**<0.33**	ug/L	1.0	0.33	1		02/09/24 13:29	95-50-1	
1,3-Dichlorobenzene	**<0.35**	ug/L	1.0	0.35	1		02/09/24 13:29	541-73-1	
1,4-Dichlorobenzene	**<0.89**	ug/L	1.0	0.89	1		02/09/24 13:29	106-46-7	
Dichlorodifluoromethane	**<0.46**	ug/L	5.0	0.46	1		02/09/24 13:29	75-71-8	
1,1-Dichloroethane	**<0.30**	ug/L	1.0	0.30	1		02/09/24 13:29	75-34-3	
1,2-Dichloroethane	**<0.29**	ug/L	1.0	0.29	1		02/09/24 13:29	107-06-2	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		02/09/24 13:29	75-35-4	
cis-1,2-Dichloroethene	**<0.47**	ug/L	1.0	0.47	1		02/09/24 13:29	156-59-2	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		02/09/24 13:29	156-60-5	
1,2-Dichloropropane	**<0.45**	ug/L	1.0	0.45	1		02/09/24 13:29	78-87-5	
1,3-Dichloropropane	**<0.30**	ug/L	1.0	0.30	1		02/09/24 13:29	142-28-9	
2,2-Dichloropropane	**<0.42**	ug/L	1.0	0.42	1		02/09/24 13:29	594-20-7	
1,1-Dichloropropene	**<0.41**	ug/L	1.0	0.41	1		02/09/24 13:29	563-58-6	
cis-1,3-Dichloropropene	**<0.24**	ug/L	1.0	0.24	1		02/09/24 13:29	10061-01-5	
trans-1,3-Dichloropropene	**<0.27**	ug/L	1.0	0.27	1		02/09/24 13:29	10061-02-6	
Diisopropyl ether	**<1.1**	ug/L	5.0	1.1	1		02/09/24 13:29	108-20-3	
Ethylbenzene	**0.50J**	ug/L	1.0	0.33	1		02/09/24 13:29	100-41-4	
Hexachloro-1,3-butadiene	**<2.7**	ug/L	5.0	2.7	1		02/09/24 13:29	87-68-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	5.0	1.0	1		02/09/24 13:29	98-82-8	
p-Isopropyltoluene	**<1.0**	ug/L	5.0	1.0	1		02/09/24 13:29	99-87-6	
Methylene Chloride	**<0.32**	ug/L	5.0	0.32	1		02/09/24 13:29	75-09-2	
Methyl-tert-butyl ether	**<1.1**	ug/L	5.0	1.1	1		02/09/24 13:29	1634-04-4	
Naphthalene	**<1.9**	ug/L	5.0	1.9	1		02/09/24 13:29	91-20-3	
n-Propylbenzene	**<0.35**	ug/L	1.0	0.35	1		02/09/24 13:29	103-65-1	
Styrene	**<0.36**	ug/L	1.0	0.36	1		02/09/24 13:29	100-42-5	

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ANALYTICAL RESULTS

Project: WEST ALLIS PH 2
Pace Project No.: 40273925

Sample: TW01 **Lab ID: 40273925001** Collected: 02/02/24 11:10 Received: 02/06/24 09:20 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,1,1,2-Tetrachloroethane	**<0.36**	ug/L	1.0	0.36	1		02/09/24 13:29	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		02/09/24 13:29	79-34-5	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		02/09/24 13:29	127-18-4	
Toluene	**1.2**	ug/L	1.0	0.29	1		02/09/24 13:29	108-88-3	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	5.0	1.0	1		02/09/24 13:29	87-61-6	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		02/09/24 13:29	120-82-1	
1,1,1-Trichloroethane	**<0.30**	ug/L	1.0	0.30	1		02/09/24 13:29	71-55-6	
1,1,2-Trichloroethane	**<0.34**	ug/L	1.0	0.34	1		02/09/24 13:29	79-00-5	
Trichloroethene	**<0.32**	ug/L	1.0	0.32	1		02/09/24 13:29	79-01-6	
Trichlorofluoromethane	**<0.42**	ug/L	1.0	0.42	1		02/09/24 13:29	75-69-4	
1,2,3-Trichloropropane	**<0.56**	ug/L	1.0	0.56	1		02/09/24 13:29	96-18-4	
1,2,4-Trimethylbenzene	**1.0**	ug/L	1.0	0.45	1		02/09/24 13:29	95-63-6	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		02/09/24 13:29	108-67-8	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		02/09/24 13:29	75-01-4	
Xylene (Total)	**2.7J**	ug/L	3.0	1.0	1		02/09/24 13:29	1330-20-7	
m&p-Xylene	**2.1**	ug/L	2.0	0.70	1		02/09/24 13:29	179601-23-1	
o-Xylene	**0.62J**	ug/L	1.0	0.35	1		02/09/24 13:29	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	101	%	70-130		1		02/09/24 13:29	460-00-4	
1,2-Dichlorobenzene-d4 (S)	100	%	70-130		1		02/09/24 13:29	2199-69-1	
Toluene-d8 (S)	99	%	70-130		1		02/09/24 13:29	2037-26-5	

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ANALYTICAL RESULTS

Project: WEST ALLIS PH 2
Pace Project No.: 40273925

Sample: TW02 **Lab ID: 40273925002** Collected: 02/02/24 10:38 Received: 02/06/24 09:20 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	**1110**	ug/L	10.0	3.0	10		02/12/24 09:46	71-43-2	
Bromobenzene	**<0.90**	ug/L	2.5	0.90	2.5		02/09/24 16:07	108-86-1	
Bromochloromethane	**<0.89**	ug/L	2.5	0.89	2.5		02/09/24 16:07	74-97-5	
Bromodichloromethane	**<1.0**	ug/L	2.5	1.0	2.5		02/09/24 16:07	75-27-4	
Bromoform	**<1.1**	ug/L	2.5	1.1	2.5		02/09/24 16:07	75-25-2	
Bromomethane	**<3.0**	ug/L	12.5	3.0	2.5		02/09/24 16:07	74-83-9	
n-Butylbenzene	**<2.1**	ug/L	2.5	2.1	2.5		02/09/24 16:07	104-51-8	
sec-Butylbenzene	**1.5J**	ug/L	2.5	1.1	2.5		02/09/24 16:07	135-98-8	
tert-Butylbenzene	**<1.5**	ug/L	2.5	1.5	2.5		02/09/24 16:07	98-06-6	
Carbon tetrachloride	**<0.92**	ug/L	2.5	0.92	2.5		02/09/24 16:07	56-23-5	
Chlorobenzene	**<2.1**	ug/L	2.5	2.1	2.5		02/09/24 16:07	108-90-7	
Chloroethane	**<3.4**	ug/L	12.5	3.4	2.5		02/09/24 16:07	75-00-3	
Chloroform	**<1.3**	ug/L	12.5	1.3	2.5		02/09/24 16:07	67-66-3	
Chloromethane	**<4.1**	ug/L	12.5	4.1	2.5		02/09/24 16:07	74-87-3	
2-Chlorotoluene	**<2.2**	ug/L	12.5	2.2	2.5		02/09/24 16:07	95-49-8	
4-Chlorotoluene	**<2.2**	ug/L	12.5	2.2	2.5		02/09/24 16:07	106-43-4	
1,2-Dibromo-3-chloropropane	**<5.9**	ug/L	12.5	5.9	2.5		02/09/24 16:07	96-12-8	
Dibromochloromethane	**<6.6**	ug/L	12.5	6.6	2.5		02/09/24 16:07	124-48-1	
1,2-Dibromoethane (EDB)	**<0.77**	ug/L	2.5	0.77	2.5		02/09/24 16:07	106-93-4	
Dibromomethane	**<2.5**	ug/L	12.5	2.5	2.5		02/09/24 16:07	74-95-3	
1,2-Dichlorobenzene	**<0.81**	ug/L	2.5	0.81	2.5		02/09/24 16:07	95-50-1	
1,3-Dichlorobenzene	**<0.88**	ug/L	2.5	0.88	2.5		02/09/24 16:07	541-73-1	
1,4-Dichlorobenzene	**<2.2**	ug/L	2.5	2.2	2.5		02/09/24 16:07	106-46-7	
Dichlorodifluoromethane	**<1.1**	ug/L	12.5	1.1	2.5		02/09/24 16:07	75-71-8	
1,1-Dichloroethane	**<0.74**	ug/L	2.5	0.74	2.5		02/09/24 16:07	75-34-3	
1,2-Dichloroethane	**<0.73**	ug/L	2.5	0.73	2.5		02/09/24 16:07	107-06-2	
1,1-Dichloroethene	**<1.5**	ug/L	2.5	1.5	2.5		02/09/24 16:07	75-35-4	
cis-1,2-Dichloroethene	**<1.2**	ug/L	2.5	1.2	2.5		02/09/24 16:07	156-59-2	
trans-1,2-Dichloroethene	**<1.3**	ug/L	2.5	1.3	2.5		02/09/24 16:07	156-60-5	
1,2-Dichloropropane	**<1.1**	ug/L	2.5	1.1	2.5		02/09/24 16:07	78-87-5	
1,3-Dichloropropane	**<0.76**	ug/L	2.5	0.76	2.5		02/09/24 16:07	142-28-9	
2,2-Dichloropropane	**<1.0**	ug/L	2.5	1.0	2.5		02/09/24 16:07	594-20-7	
1,1-Dichloropropene	**<1.0**	ug/L	2.5	1.0	2.5		02/09/24 16:07	563-58-6	
cis-1,3-Dichloropropene	**<0.59**	ug/L	2.5	0.59	2.5		02/09/24 16:07	10061-01-5	
trans-1,3-Dichloropropene	**<0.66**	ug/L	2.5	0.66	2.5		02/09/24 16:07	10061-02-6	
Diisopropyl ether	**<2.8**	ug/L	12.5	2.8	2.5		02/09/24 16:07	108-20-3	
Ethylbenzene	**83.1**	ug/L	2.5	0.81	2.5		02/09/24 16:07	100-41-4	
Hexachloro-1,3-butadiene	**<6.8**	ug/L	12.5	6.8	2.5		02/09/24 16:07	87-68-3	
Isopropylbenzene (Cumene)	**15.1**	ug/L	12.5	2.5	2.5		02/09/24 16:07	98-82-8	
p-Isopropyltoluene	**<2.6**	ug/L	12.5	2.6	2.5		02/09/24 16:07	99-87-6	
Methylene Chloride	**<0.80**	ug/L	12.5	0.80	2.5		02/09/24 16:07	75-09-2	
Methyl-tert-butyl ether	**<2.8**	ug/L	12.5	2.8	2.5		02/09/24 16:07	1634-04-4	
Naphthalene	**20.4**	ug/L	12.5	4.8	2.5		02/09/24 16:07	91-20-3	
n-Propylbenzene	**33.1**	ug/L	2.5	0.86	2.5		02/09/24 16:07	103-65-1	
Styrene	**3.5**	ug/L	2.5	0.89	2.5		02/09/24 16:07	100-42-5	

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ANALYTICAL RESULTS

Project: WEST ALLIS PH 2
Pace Project No.: 40273925

Sample: TW02 **Lab ID: 40273925002** Collected: 02/02/24 10:38 Received: 02/06/24 09:20 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,1,1,2-Tetrachloroethane	**<0.89**	ug/L	2.5	0.89	2.5		02/09/24 16:07	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.94**	ug/L	2.5	0.94	2.5		02/09/24 16:07	79-34-5	
Tetrachloroethene	**<1.0**	ug/L	2.5	1.0	2.5		02/09/24 16:07	127-18-4	
Toluene	**190**	ug/L	2.5	0.72	2.5		02/09/24 16:07	108-88-3	
1,2,3-Trichlorobenzene	**<2.5**	ug/L	12.5	2.5	2.5		02/09/24 16:07	87-61-6	
1,2,4-Trichlorobenzene	**<2.4**	ug/L	12.5	2.4	2.5		02/09/24 16:07	120-82-1	
1,1,1-Trichloroethane	**<0.76**	ug/L	2.5	0.76	2.5		02/09/24 16:07	71-55-6	
1,1,2-Trichloroethane	**<0.86**	ug/L	2.5	0.86	2.5		02/09/24 16:07	79-00-5	
Trichloroethene	**<0.80**	ug/L	2.5	0.80	2.5		02/09/24 16:07	79-01-6	
Trichlorofluoromethane	**<1.0**	ug/L	2.5	1.0	2.5		02/09/24 16:07	75-69-4	
1,2,3-Trichloropropane	**<1.4**	ug/L	2.5	1.4	2.5		02/09/24 16:07	96-18-4	
1,2,4-Trimethylbenzene	**239**	ug/L	2.5	1.1	2.5		02/09/24 16:07	95-63-6	
1,3,5-Trimethylbenzene	**27.3**	ug/L	2.5	0.89	2.5		02/09/24 16:07	108-67-8	
Vinyl chloride	**<0.44**	ug/L	2.5	0.44	2.5		02/09/24 16:07	75-01-4	
Xylene (Total)	**491**	ug/L	7.5	2.6	2.5		02/09/24 16:07	1330-20-7	
m&p-Xylene	**378**	ug/L	5.0	1.8	2.5		02/09/24 16:07	179601-23-1	
o-Xylene	**113**	ug/L	2.5	0.87	2.5		02/09/24 16:07	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	101	%	70-130		2.5		02/09/24 16:07	460-00-4	
1,2-Dichlorobenzene-d4 (S)	100	%	70-130		2.5		02/09/24 16:07	2199-69-1	
Toluene-d8 (S)	100	%	70-130		2.5		02/09/24 16:07	2037-26-5	

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ANALYTICAL RESULTS

Project: WEST ALLIS PH 2
Pace Project No.: 40273925

Sample: TRIP BLANK **Lab ID: 40273925003** Collected: 02/02/24 00:00 Received: 02/06/24 09:20 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	**<0.30**	ug/L	1.0	0.30	1		02/09/24 11:38	71-43-2	
Bromobenzene	**<0.36**	ug/L	1.0	0.36	1		02/09/24 11:38	108-86-1	
Bromochloromethane	**<0.36**	ug/L	1.0	0.36	1		02/09/24 11:38	74-97-5	
Bromodichloromethane	**<0.42**	ug/L	1.0	0.42	1		02/09/24 11:38	75-27-4	
Bromoform	**<0.43**	ug/L	1.0	0.43	1		02/09/24 11:38	75-25-2	
Bromomethane	**<1.2**	ug/L	5.0	1.2	1		02/09/24 11:38	74-83-9	
n-Butylbenzene	**<0.86**	ug/L	1.0	0.86	1		02/09/24 11:38	104-51-8	
sec-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		02/09/24 11:38	135-98-8	
tert-Butylbenzene	**<0.59**	ug/L	1.0	0.59	1		02/09/24 11:38	98-06-6	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		02/09/24 11:38	56-23-5	
Chlorobenzene	**<0.86**	ug/L	1.0	0.86	1		02/09/24 11:38	108-90-7	
Chloroethane	**<1.4**	ug/L	5.0	1.4	1		02/09/24 11:38	75-00-3	
Chloroform	**<0.50**	ug/L	5.0	0.50	1		02/09/24 11:38	67-66-3	
Chloromethane	**<1.6**	ug/L	5.0	1.6	1		02/09/24 11:38	74-87-3	
2-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		02/09/24 11:38	95-49-8	
4-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		02/09/24 11:38	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.4**	ug/L	5.0	2.4	1		02/09/24 11:38	96-12-8	
Dibromochloromethane	**<2.6**	ug/L	5.0	2.6	1		02/09/24 11:38	124-48-1	
1,2-Dibromoethane (EDB)	**<0.31**	ug/L	1.0	0.31	1		02/09/24 11:38	106-93-4	
Dibromomethane	**<0.99**	ug/L	5.0	0.99	1		02/09/24 11:38	74-95-3	
1,2-Dichlorobenzene	**<0.33**	ug/L	1.0	0.33	1		02/09/24 11:38	95-50-1	
1,3-Dichlorobenzene	**<0.35**	ug/L	1.0	0.35	1		02/09/24 11:38	541-73-1	
1,4-Dichlorobenzene	**<0.89**	ug/L	1.0	0.89	1		02/09/24 11:38	106-46-7	
Dichlorodifluoromethane	**<0.46**	ug/L	5.0	0.46	1		02/09/24 11:38	75-71-8	
1,1-Dichloroethane	**<0.30**	ug/L	1.0	0.30	1		02/09/24 11:38	75-34-3	
1,2-Dichloroethane	**<0.29**	ug/L	1.0	0.29	1		02/09/24 11:38	107-06-2	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		02/09/24 11:38	75-35-4	
cis-1,2-Dichloroethene	**<0.47**	ug/L	1.0	0.47	1		02/09/24 11:38	156-59-2	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		02/09/24 11:38	156-60-5	
1,2-Dichloropropane	**<0.45**	ug/L	1.0	0.45	1		02/09/24 11:38	78-87-5	
1,3-Dichloropropane	**<0.30**	ug/L	1.0	0.30	1		02/09/24 11:38	142-28-9	
2,2-Dichloropropane	**<0.42**	ug/L	1.0	0.42	1		02/09/24 11:38	594-20-7	
1,1-Dichloropropene	**<0.41**	ug/L	1.0	0.41	1		02/09/24 11:38	563-58-6	
cis-1,3-Dichloropropene	**<0.24**	ug/L	1.0	0.24	1		02/09/24 11:38	10061-01-5	
trans-1,3-Dichloropropene	**<0.27**	ug/L	1.0	0.27	1		02/09/24 11:38	10061-02-6	
Diisopropyl ether	**<1.1**	ug/L	5.0	1.1	1		02/09/24 11:38	108-20-3	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		02/09/24 11:38	100-41-4	
Hexachloro-1,3-butadiene	**<2.7**	ug/L	5.0	2.7	1		02/09/24 11:38	87-68-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	5.0	1.0	1		02/09/24 11:38	98-82-8	
p-Isopropyltoluene	**<1.0**	ug/L	5.0	1.0	1		02/09/24 11:38	99-87-6	
Methylene Chloride	**<0.32**	ug/L	5.0	0.32	1		02/09/24 11:38	75-09-2	
Methyl-tert-butyl ether	**<1.1**	ug/L	5.0	1.1	1		02/09/24 11:38	1634-04-4	
Naphthalene	**<1.9**	ug/L	5.0	1.9	1		02/09/24 11:38	91-20-3	
n-Propylbenzene	**<0.35**	ug/L	1.0	0.35	1		02/09/24 11:38	103-65-1	
Styrene	**<0.36**	ug/L	1.0	0.36	1		02/09/24 11:38	100-42-5	

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

ANALYTICAL RESULTS

Project: WEST ALLIS PH 2
Pace Project No.: 40273925

Sample: TRIP BLANK **Lab ID: 40273925003** Collected: 02/02/24 00:00 Received: 02/06/24 09:20 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,1,1,2-Tetrachloroethane	**<0.36**	ug/L	1.0	0.36	1		02/09/24 11:38	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		02/09/24 11:38	79-34-5	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		02/09/24 11:38	127-18-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		02/09/24 11:38	108-88-3	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	5.0	1.0	1		02/09/24 11:38	87-61-6	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		02/09/24 11:38	120-82-1	
1,1,1-Trichloroethane	**<0.30**	ug/L	1.0	0.30	1		02/09/24 11:38	71-55-6	
1,1,2-Trichloroethane	**<0.34**	ug/L	1.0	0.34	1		02/09/24 11:38	79-00-5	
Trichloroethene	**<0.32**	ug/L	1.0	0.32	1		02/09/24 11:38	79-01-6	
Trichlorofluoromethane	**<0.42**	ug/L	1.0	0.42	1		02/09/24 11:38	75-69-4	
1,2,3-Trichloropropane	**<0.56**	ug/L	1.0	0.56	1		02/09/24 11:38	96-18-4	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		02/09/24 11:38	95-63-6	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		02/09/24 11:38	108-67-8	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		02/09/24 11:38	75-01-4	
Xylene (Total)	**<1.0**	ug/L	3.0	1.0	1		02/09/24 11:38	1330-20-7	
m&p-Xylene	**<0.70**	ug/L	2.0	0.70	1		02/09/24 11:38	179601-23-1	
o-Xylene	**<0.35**	ug/L	1.0	0.35	1		02/09/24 11:38	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	100	%	70-130		1		02/09/24 11:38	460-00-4	HS
1,2-Dichlorobenzene-d4 (S)	100	%	70-130		1		02/09/24 11:38	2199-69-1	
Toluene-d8 (S)	100	%	70-130		1		02/09/24 11:38	2037-26-5	

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ANALYTICAL RESULTS

Project: WEST ALLIS PH 2
Pace Project No.: 40273925

Sample: MEOH BLANK **Lab ID: 40273925004** Collected: 02/02/24 00:00 Received: 02/06/24 09:20 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B Pace Analytical Services - Green Bay								
1,1,1,2-Tetrachloroethane	**<12.0**	ug/kg	50.0	12.0	1	02/07/24 10:45	02/07/24 13:58	630-20-6	
1,1,1-Trichloroethane	**<12.8**	ug/kg	50.0	12.8	1	02/07/24 10:45	02/07/24 13:58	71-55-6	
1,1,2,2-Tetrachloroethane	**<18.1**	ug/kg	50.0	18.1	1	02/07/24 10:45	02/07/24 13:58	79-34-5	
1,1,2-Trichloroethane	**<18.2**	ug/kg	50.0	18.2	1	02/07/24 10:45	02/07/24 13:58	79-00-5	
1,1-Dichloroethane	**<12.8**	ug/kg	50.0	12.8	1	02/07/24 10:45	02/07/24 13:58	75-34-3	
1,1-Dichloroethene	**<16.6**	ug/kg	50.0	16.6	1	02/07/24 10:45	02/07/24 13:58	75-35-4	
1,1-Dichloropropene	**<16.2**	ug/kg	50.0	16.2	1	02/07/24 10:45	02/07/24 13:58	563-58-6	
1,2,3-Trichlorobenzene	**<55.7**	ug/kg	250	55.7	1	02/07/24 10:45	02/07/24 13:58	87-61-6	
1,2,3-Trichloropropane	**<24.3**	ug/kg	50.0	24.3	1	02/07/24 10:45	02/07/24 13:58	96-18-4	
1,2,4-Trichlorobenzene	**<41.2**	ug/kg	250	41.2	1	02/07/24 10:45	02/07/24 13:58	120-82-1	
1,2,4-Trimethylbenzene	**<14.9**	ug/kg	50.0	14.9	1	02/07/24 10:45	02/07/24 13:58	95-63-6	
1,2-Dibromo-3-chloropropane	**<38.8**	ug/kg	250	38.8	1	02/07/24 10:45	02/07/24 13:58	96-12-8	
1,2-Dibromoethane (EDB)	**<13.7**	ug/kg	50.0	13.7	1	02/07/24 10:45	02/07/24 13:58	106-93-4	
1,2-Dichlorobenzene	**<15.5**	ug/kg	50.0	15.5	1	02/07/24 10:45	02/07/24 13:58	95-50-1	
1,2-Dichloroethane	**<11.5**	ug/kg	50.0	11.5	1	02/07/24 10:45	02/07/24 13:58	107-06-2	
1,2-Dichloropropane	**<11.9**	ug/kg	50.0	11.9	1	02/07/24 10:45	02/07/24 13:58	78-87-5	
1,3,5-Trimethylbenzene	**<16.1**	ug/kg	50.0	16.1	1	02/07/24 10:45	02/07/24 13:58	108-67-8	
1,3-Dichlorobenzene	**<13.7**	ug/kg	50.0	13.7	1	02/07/24 10:45	02/07/24 13:58	541-73-1	
1,3-Dichloropropane	**<10.9**	ug/kg	50.0	10.9	1	02/07/24 10:45	02/07/24 13:58	142-28-9	
1,4-Dichlorobenzene	**<13.7**	ug/kg	50.0	13.7	1	02/07/24 10:45	02/07/24 13:58	106-46-7	
2,2-Dichloropropane	**<13.5**	ug/kg	50.0	13.5	1	02/07/24 10:45	02/07/24 13:58	594-20-7	
2-Chlorotoluene	**<16.2**	ug/kg	50.0	16.2	1	02/07/24 10:45	02/07/24 13:58	95-49-8	
4-Chlorotoluene	**<19.0**	ug/kg	50.0	19.0	1	02/07/24 10:45	02/07/24 13:58	106-43-4	
Benzene	**<11.9**	ug/kg	20.0	11.9	1	02/07/24 10:45	02/07/24 13:58	71-43-2	
Bromobenzene	**<19.5**	ug/kg	50.0	19.5	1	02/07/24 10:45	02/07/24 13:58	108-86-1	
Bromochloromethane	**<13.7**	ug/kg	50.0	13.7	1	02/07/24 10:45	02/07/24 13:58	74-97-5	
Bromodichloromethane	**<11.9**	ug/kg	50.0	11.9	1	02/07/24 10:45	02/07/24 13:58	75-27-4	
Bromoform	**<220**	ug/kg	250	220	1	02/07/24 10:45	02/07/24 13:58	75-25-2	
Bromomethane	**<70.1**	ug/kg	250	70.1	1	02/07/24 10:45	02/07/24 13:58	74-83-9	
Carbon tetrachloride	**<11.0**	ug/kg	50.0	11.0	1	02/07/24 10:45	02/07/24 13:58	56-23-5	
Chlorobenzene	**<6.0**	ug/kg	50.0	6.0	1	02/07/24 10:45	02/07/24 13:58	108-90-7	
Chloroethane	**<21.1**	ug/kg	250	21.1	1	02/07/24 10:45	02/07/24 13:58	75-00-3	
Chloroform	**<35.8**	ug/kg	250	35.8	1	02/07/24 10:45	02/07/24 13:58	67-66-3	
Chloromethane	**<19.0**	ug/kg	50.0	19.0	1	02/07/24 10:45	02/07/24 13:58	74-87-3	
Dibromochloromethane	**<171**	ug/kg	250	171	1	02/07/24 10:45	02/07/24 13:58	124-48-1	
Dibromomethane	**<14.8**	ug/kg	50.0	14.8	1	02/07/24 10:45	02/07/24 13:58	74-95-3	
Dichlorodifluoromethane	**<21.5**	ug/kg	50.0	21.5	1	02/07/24 10:45	02/07/24 13:58	75-71-8	
Diisopropyl ether	**<12.4**	ug/kg	50.0	12.4	1	02/07/24 10:45	02/07/24 13:58	108-20-3	
Ethylbenzene	**<11.9**	ug/kg	50.0	11.9	1	02/07/24 10:45	02/07/24 13:58	100-41-4	
Hexachloro-1,3-butadiene	**<99.4**	ug/kg	250	99.4	1	02/07/24 10:45	02/07/24 13:58	87-68-3	
Isopropylbenzene (Cumene)	**<13.5**	ug/kg	50.0	13.5	1	02/07/24 10:45	02/07/24 13:58	98-82-8	
Methyl-tert-butyl ether	**<14.7**	ug/kg	50.0	14.7	1	02/07/24 10:45	02/07/24 13:58	1634-04-4	
Methylene Chloride	**<13.9**	ug/kg	50.0	13.9	1	02/07/24 10:45	02/07/24 13:58	75-09-2	
Naphthalene	**<21.0**	ug/kg	250	21.0	1	02/07/24 10:45	02/07/24 13:58	91-20-3	

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ANALYTICAL RESULTS

Project: WEST ALLIS PH 2
Pace Project No.: 40273925

Sample: MEOH BLANK **Lab ID: 40273925004** Collected: 02/02/24 00:00 Received: 02/06/24 09:20 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B Pace Analytical Services - Green Bay								
Styrene	**<12.8**	ug/kg	50.0	12.8	1	02/07/24 10:45	02/07/24 13:58	100-42-5	
Tetrachloroethene	**<19.4**	ug/kg	50.0	19.4	1	02/07/24 10:45	02/07/24 13:58	127-18-4	
Toluene	**<12.6**	ug/kg	50.0	12.6	1	02/07/24 10:45	02/07/24 13:58	108-88-3	
Trichloroethene	**<18.7**	ug/kg	50.0	18.7	1	02/07/24 10:45	02/07/24 13:58	79-01-6	
Trichlorofluoromethane	**<14.5**	ug/kg	50.0	14.5	1	02/07/24 10:45	02/07/24 13:58	75-69-4	
Vinyl chloride	**<10.1**	ug/kg	50.0	10.1	1	02/07/24 10:45	02/07/24 13:58	75-01-4	
Xylene (Total)	**<36.1**	ug/kg	150	36.1	1	02/07/24 10:45	02/07/24 13:58	1330-20-7	
cis-1,2-Dichloroethene	**<10.7**	ug/kg	50.0	10.7	1	02/07/24 10:45	02/07/24 13:58	156-59-2	
cis-1,3-Dichloropropene	**<33.0**	ug/kg	250	33.0	1	02/07/24 10:45	02/07/24 13:58	10061-01-5	
m&p-Xylene	**<21.1**	ug/kg	100	21.1	1	02/07/24 10:45	02/07/24 13:58	179601-23-1	
n-Butylbenzene	**<22.9**	ug/kg	50.0	22.9	1	02/07/24 10:45	02/07/24 13:58	104-51-8	
n-Propylbenzene	**<12.0**	ug/kg	50.0	12.0	1	02/07/24 10:45	02/07/24 13:58	103-65-1	
o-Xylene	**<15.0**	ug/kg	50.0	15.0	1	02/07/24 10:45	02/07/24 13:58	95-47-6	
p-Isopropyltoluene	**<17.0**	ug/kg	50.0	17.0	1	02/07/24 10:45	02/07/24 13:58	99-87-6	
sec-Butylbenzene	**<17.2**	ug/kg	50.0	17.2	1	02/07/24 10:45	02/07/24 13:58	135-98-8	
tert-Butylbenzene	**<15.7**	ug/kg	50.0	15.7	1	02/07/24 10:45	02/07/24 13:58	98-06-6	
trans-1,2-Dichloroethene	**<10.9**	ug/kg	50.0	10.9	1	02/07/24 10:45	02/07/24 13:58	156-60-5	
trans-1,3-Dichloropropene	**<143**	ug/kg	250	143	1	02/07/24 10:45	02/07/24 13:58	10061-02-6	
Surrogates									
Toluene-d8 (S)	93	%	70-139		1	02/07/24 10:45	02/07/24 13:58	2037-26-5	
4-Bromofluorobenzene (S)	102	%	72-142		1	02/07/24 10:45	02/07/24 13:58	460-00-4	
1,2-Dichlorobenzene-d4 (S)	107	%	67-144		1	02/07/24 10:45	02/07/24 13:58	2199-69-1	

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QUALITY CONTROL DATA

Project: WEST ALLIS PH 2
Pace Project No.: 40273925

QC Batch: 466598
QC Batch Method: EPA 5035/5030B
Analysis Method: EPA 8260
Analysis Description: 8260 MSV Med Level Normal List
Laboratory: Pace Analytical Services - Green Bay

Associated Lab Samples: 40273925004

METHOD BLANK: 2674269 Matrix: Solid
Associated Lab Samples: 40273925004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	<12.0	50.0	02/07/24 11:16	
1,1,1-Trichloroethane	ug/kg	<12.8	50.0	02/07/24 11:16	
1,1,2,2-Tetrachloroethane	ug/kg	<18.1	50.0	02/07/24 11:16	
1,1,2-Trichloroethane	ug/kg	<18.2	50.0	02/07/24 11:16	
1,1-Dichloroethane	ug/kg	<12.8	50.0	02/07/24 11:16	
1,1-Dichloroethene	ug/kg	<16.6	50.0	02/07/24 11:16	
1,1-Dichloropropene	ug/kg	<16.2	50.0	02/07/24 11:16	
1,2,3-Trichlorobenzene	ug/kg	<55.7	250	02/07/24 11:16	
1,2,3-Trichloropropane	ug/kg	<24.3	50.0	02/07/24 11:16	
1,2,4-Trichlorobenzene	ug/kg	<41.2	250	02/07/24 11:16	
1,2,4-Trimethylbenzene	ug/kg	<14.9	50.0	02/07/24 11:16	
1,2-Dibromo-3-chloropropane	ug/kg	<38.8	250	02/07/24 11:16	
1,2-Dibromoethane (EDB)	ug/kg	<13.7	50.0	02/07/24 11:16	
1,2-Dichlorobenzene	ug/kg	<15.5	50.0	02/07/24 11:16	
1,2-Dichloroethane	ug/kg	<11.5	50.0	02/07/24 11:16	
1,2-Dichloropropane	ug/kg	<11.9	50.0	02/07/24 11:16	
1,3,5-Trimethylbenzene	ug/kg	<16.1	50.0	02/07/24 11:16	
1,3-Dichlorobenzene	ug/kg	<13.7	50.0	02/07/24 11:16	
1,3-Dichloropropane	ug/kg	<10.9	50.0	02/07/24 11:16	
1,4-Dichlorobenzene	ug/kg	<13.7	50.0	02/07/24 11:16	
2,2-Dichloropropane	ug/kg	<13.5	50.0	02/07/24 11:16	
2-Chlorotoluene	ug/kg	<16.2	50.0	02/07/24 11:16	
4-Chlorotoluene	ug/kg	<19.0	50.0	02/07/24 11:16	
Benzene	ug/kg	<11.9	20.0	02/07/24 11:16	
Bromobenzene	ug/kg	<19.5	50.0	02/07/24 11:16	
Bromochloromethane	ug/kg	<13.7	50.0	02/07/24 11:16	
Bromodichloromethane	ug/kg	<11.9	50.0	02/07/24 11:16	
Bromoform	ug/kg	<220	250	02/07/24 11:16	
Bromomethane	ug/kg	<70.1	250	02/07/24 11:16	
Carbon tetrachloride	ug/kg	<11.0	50.0	02/07/24 11:16	
Chlorobenzene	ug/kg	<6.0	50.0	02/07/24 11:16	
Chloroethane	ug/kg	<21.1	250	02/07/24 11:16	
Chloroform	ug/kg	<35.8	250	02/07/24 11:16	
Chloromethane	ug/kg	<19.0	50.0	02/07/24 11:16	
cis-1,2-Dichloroethene	ug/kg	<10.7	50.0	02/07/24 11:16	
cis-1,3-Dichloropropene	ug/kg	<33.0	250	02/07/24 11:16	
Dibromochloromethane	ug/kg	<171	250	02/07/24 11:16	
Dibromomethane	ug/kg	<14.8	50.0	02/07/24 11:16	
Dichlorodifluoromethane	ug/kg	<21.5	50.0	02/07/24 11:16	
Diisopropyl ether	ug/kg	<12.4	50.0	02/07/24 11:16	

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QUALITY CONTROL DATA

Project: WEST ALLIS PH 2
Pace Project No.: 40273925

METHOD BLANK: 2674269 Matrix: Solid
Associated Lab Samples: 40273925004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethylbenzene	ug/kg	<11.9	50.0	02/07/24 11:16	
Hexachloro-1,3-butadiene	ug/kg	<99.4	250	02/07/24 11:16	
Isopropylbenzene (Cumene)	ug/kg	<13.5	50.0	02/07/24 11:16	
m&p-Xylene	ug/kg	<21.1	100	02/07/24 11:16	
Methyl-tert-butyl ether	ug/kg	<14.7	50.0	02/07/24 11:16	
Methylene Chloride	ug/kg	<13.9	50.0	02/07/24 11:16	
n-Butylbenzene	ug/kg	<22.9	50.0	02/07/24 11:16	
n-Propylbenzene	ug/kg	<12.0	50.0	02/07/24 11:16	
Naphthalene	ug/kg	<21.0	250	02/07/24 11:16	
o-Xylene	ug/kg	<15.0	50.0	02/07/24 11:16	
p-Isopropyltoluene	ug/kg	<17.0	50.0	02/07/24 11:16	
sec-Butylbenzene	ug/kg	<17.2	50.0	02/07/24 11:16	
Styrene	ug/kg	<12.8	50.0	02/07/24 11:16	
tert-Butylbenzene	ug/kg	<15.7	50.0	02/07/24 11:16	
Tetrachloroethene	ug/kg	<19.4	50.0	02/07/24 11:16	
Toluene	ug/kg	<12.6	50.0	02/07/24 11:16	
trans-1,2-Dichloroethene	ug/kg	<10.9	50.0	02/07/24 11:16	
trans-1,3-Dichloropropene	ug/kg	<143	250	02/07/24 11:16	
Trichloroethene	ug/kg	<18.7	50.0	02/07/24 11:16	
Trichlorofluoromethane	ug/kg	<14.5	50.0	02/07/24 11:16	
Vinyl chloride	ug/kg	<10.1	50.0	02/07/24 11:16	
Xylene (Total)	ug/kg	<36.1	150	02/07/24 11:16	
1,2-Dichlorobenzene-d4 (S)	%	112	67-144	02/07/24 11:16	
4-Bromofluorobenzene (S)	%	103	72-142	02/07/24 11:16	
Toluene-d8 (S)	%	92	70-139	02/07/24 11:16	

LABORATORY CONTROL SAMPLE: 2674270

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/kg	2500	2210	89	70-130	
1,1,2,2-Tetrachloroethane	ug/kg	2500	2160	86	70-130	
1,1,2-Trichloroethane	ug/kg	2500	2140	86	70-130	
1,1-Dichloroethane	ug/kg	2500	2830	113	70-130	
1,1-Dichloroethene	ug/kg	2500	2470	99	77-122	
1,2,4-Trichlorobenzene	ug/kg	2500	2200	88	66-125	
1,2-Dibromo-3-chloropropane	ug/kg	2500	1820	73	66-130	
1,2-Dibromoethane (EDB)	ug/kg	2500	2220	89	70-130	
1,2-Dichlorobenzene	ug/kg	2500	2550	102	70-130	
1,2-Dichloroethane	ug/kg	2500	2360	94	70-130	
1,2-Dichloropropane	ug/kg	2500	2560	102	80-121	
1,3-Dichlorobenzene	ug/kg	2500	2550	102	70-130	
1,4-Dichlorobenzene	ug/kg	2500	2510	100	70-130	
Benzene	ug/kg	2500	2320	93	70-130	
Bromodichloromethane	ug/kg	2500	2250	90	70-130	

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QUALITY CONTROL DATA

Project: WEST ALLIS PH 2
Pace Project No.: 40273925

LABORATORY CONTROL SAMPLE: 2674270

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Bromoform	ug/kg	2500	1760	71	67-130	
Bromomethane	ug/kg	2500	2670	107	25-150	
Carbon tetrachloride	ug/kg	2500	2070	83	72-136	
Chlorobenzene	ug/kg	2500	2590	104	70-130	
Chloroethane	ug/kg	2500	2640	105	20-178	
Chloroform	ug/kg	2500	2380	95	80-120	
Chloromethane	ug/kg	2500	2510	100	45-123	
cis-1,2-Dichloroethene	ug/kg	2500	2490	100	70-130	
cis-1,3-Dichloropropene	ug/kg	2500	2150	86	70-130	
Dibromochloromethane	ug/kg	2500	1980	79	70-130	
Dichlorodifluoromethane	ug/kg	2500	2150	86	14-106	
Ethylbenzene	ug/kg	2500	2490	99	80-120	
Isopropylbenzene (Cumene)	ug/kg	2500	2490	100	70-130	
m&p-Xylene	ug/kg	5000	5130	103	70-130	
Methyl-tert-butyl ether	ug/kg	2500	1970	79	70-130	
Methylene Chloride	ug/kg	2500	2540	101	70-130	
o-Xylene	ug/kg	2500	2630	105	70-130	
Styrene	ug/kg	2500	2690	108	70-130	
Tetrachloroethene	ug/kg	2500	2460	98	70-130	
Toluene	ug/kg	2500	2470	99	80-120	
trans-1,2-Dichloroethene	ug/kg	2500	2490	99	70-130	
trans-1,3-Dichloropropene	ug/kg	2500	2030	81	70-130	
Trichloroethene	ug/kg	2500	2450	98	70-130	
Trichlorofluoromethane	ug/kg	2500	2480	99	49-141	
Vinyl chloride	ug/kg	2500	2220	89	59-120	
Xylene (Total)	ug/kg	7500	7760	103	70-130	
1,2-Dichlorobenzene-d4 (S)	%			104	67-144	
4-Bromofluorobenzene (S)	%			100	72-142	
Toluene-d8 (S)	%			104	70-139	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2674271 2674272

Parameter	Units	40273896009 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1-Trichloroethane	ug/kg	<16.7	1300	1300	950	936	73	72	56-130	1	20	
1,1,2,2-Tetrachloroethane	ug/kg	<23.6	1300	1300	1150	1100	88	84	70-133	5	20	
1,1,2-Trichloroethane	ug/kg	<23.8	1300	1300	889	1060	68	81	70-130	18	20	M1
1,1-Dichloroethane	ug/kg	<16.7	1300	1300	1300	1250	100	96	70-130	4	20	
1,1-Dichloroethene	ug/kg	<21.7	1300	1300	960	971	74	74	52-122	1	20	
1,2,4-Trichlorobenzene	ug/kg	<53.8	1300	1300	1260	1210	97	93	66-136	4	20	
1,2-Dibromo-3-chloropropane	ug/kg	<50.6	1300	1300	826	822	63	63	59-131	1	23	
1,2-Dibromoethane (EDB)	ug/kg	<17.9	1300	1300	929	1040	71	79	70-130	11	20	
1,2-Dichlorobenzene	ug/kg	<20.2	1300	1300	1370	1420	105	109	70-130	3	20	
1,2-Dichloroethane	ug/kg	<15.0	1300	1300	1170	1160	90	89	70-130	1	20	

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QUALITY CONTROL DATA

Project: WEST ALLIS PH 2
Pace Project No.: 40273925

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2674271 2674272

Parameter	Units	40273896009 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,2-Dichloropropane	ug/kg	<15.5	1300	1300	1240	1250	95	96	77-121	1	20	
1,3-Dichlorobenzene	ug/kg	<17.9	1300	1300	1340	1370	103	105	70-130	2	20	
1,4-Dichlorobenzene	ug/kg	<17.9	1300	1300	1340	1370	103	105	70-130	2	20	
Benzene	ug/kg	<15.5	1300	1300	1110	1180	85	91	70-130	7	20	
Bromodichloromethane	ug/kg	<15.5	1300	1300	1100	1090	84	83	70-130	1	20	
Bromoform	ug/kg	<287	1300	1300	721	768	55	59	67-130	6	20	M1
Bromomethane	ug/kg	<91.5	1300	1300	1260	1230	96	94	25-150	3	20	
Carbon tetrachloride	ug/kg	<14.4	1300	1300	778	875	60	67	48-136	12	20	
Chlorobenzene	ug/kg	<7.8	1300	1300	1250	1340	96	102	70-130	7	20	
Chloroethane	ug/kg	<27.5	1300	1300	1120	1120	86	86	20-178	0	23	
Chloroform	ug/kg	<46.7	1300	1300	1220	1280	94	98	80-120	4	20	
Chloromethane	ug/kg	<24.8	1300	1300	935	928	72	71	23-132	1	20	
cis-1,2-Dichloroethene	ug/kg	<14.0	1300	1300	1200	1170	92	89	70-130	3	20	
cis-1,3-Dichloropropene	ug/kg	<43.1	1300	1300	1020	1040	78	79	70-130	2	20	
Dibromochloromethane	ug/kg	<223	1300	1300	803	912	61	70	70-130	13	20	M1
Dichlorodifluoromethane	ug/kg	<28.1	1300	1300	425	404	33	31	10-106	5	34	
Ethylbenzene	ug/kg	<15.5	1300	1300	1130	1200	87	92	80-120	6	20	
Isopropylbenzene (Cumene)	ug/kg	<17.6	1300	1300	1080	1190	83	91	70-130	9	20	
m&p-Xylene	ug/kg	<27.5	2600	2600	2290	2490	88	95	70-130	8	20	
Methyl-tert-butyl ether	ug/kg	<19.2	1300	1300	1010	1030	77	79	67-130	2	20	
Methylene Chloride	ug/kg	<18.1	1300	1300	1350	1320	104	101	70-130	3	20	
o-Xylene	ug/kg	<19.6	1300	1300	1170	1290	90	99	70-130	10	20	
Styrene	ug/kg	<16.7	1300	1300	1240	1370	95	105	70-130	10	20	
Tetrachloroethene	ug/kg	<25.3	1300	1300	978	1030	75	79	70-130	5	20	
Toluene	ug/kg	<16.4	1300	1300	1150	1190	88	91	80-120	4	20	
trans-1,2-Dichloroethene	ug/kg	<14.3	1300	1300	1180	1160	91	88	70-130	2	20	
trans-1,3-Dichloropropene	ug/kg	<187	1300	1300	873	961	67	74	70-130	10	20	M1
Trichloroethene	ug/kg	<24.4	1300	1300	1130	1150	87	88	70-130	1	20	
Trichlorofluoromethane	ug/kg	<18.9	1300	1300	835	833	64	64	21-141	0	28	
Vinyl chloride	ug/kg	<13.2	1300	1300	777	773	60	59	29-120	1	20	
Xylene (Total)	ug/kg	<47.1	3920	3920	3460	3790	88	97	70-130	9	20	
1,2-Dichlorobenzene-d4 (S)	%						137	133	67-144			
4-Bromofluorobenzene (S)	%						133	127	72-142			
Toluene-d8 (S)	%						123	122	70-139			

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QUALITY CONTROL DATA

Project: WEST ALLIS PH 2
Pace Project No.: 40273925

QC Batch: 466787
QC Batch Method: EPA 8260
Analysis Method: EPA 8260
Analysis Description: 8260 MSV
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40273925001, 40273925002, 40273925003

METHOD BLANK: 2675217 Matrix: Water
Associated Lab Samples: 40273925001, 40273925002, 40273925003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<0.36	1.0	02/09/24 09:47	
1,1,1-Trichloroethane	ug/L	<0.30	1.0	02/09/24 09:47	
1,1,2,2-Tetrachloroethane	ug/L	<0.38	1.0	02/09/24 09:47	
1,1,2-Trichloroethane	ug/L	<0.34	1.0	02/09/24 09:47	
1,1-Dichloroethane	ug/L	<0.30	1.0	02/09/24 09:47	
1,1-Dichloroethene	ug/L	<0.58	1.0	02/09/24 09:47	
1,1-Dichloropropene	ug/L	<0.41	1.0	02/09/24 09:47	
1,2,3-Trichlorobenzene	ug/L	<1.0	5.0	02/09/24 09:47	
1,2,3-Trichloropropane	ug/L	<0.56	1.0	02/09/24 09:47	
1,2,4-Trichlorobenzene	ug/L	<0.95	5.0	02/09/24 09:47	
1,2,4-Trimethylbenzene	ug/L	<0.45	1.0	02/09/24 09:47	
1,2-Dibromo-3-chloropropane	ug/L	<2.4	5.0	02/09/24 09:47	
1,2-Dibromoethane (EDB)	ug/L	<0.31	1.0	02/09/24 09:47	
1,2-Dichlorobenzene	ug/L	<0.33	1.0	02/09/24 09:47	
1,2-Dichloroethane	ug/L	<0.29	1.0	02/09/24 09:47	
1,2-Dichloropropane	ug/L	<0.45	1.0	02/09/24 09:47	
1,3,5-Trimethylbenzene	ug/L	<0.36	1.0	02/09/24 09:47	
1,3-Dichlorobenzene	ug/L	<0.35	1.0	02/09/24 09:47	
1,3-Dichloropropane	ug/L	<0.30	1.0	02/09/24 09:47	
1,4-Dichlorobenzene	ug/L	<0.89	1.0	02/09/24 09:47	
2,2-Dichloropropane	ug/L	<0.42	1.0	02/09/24 09:47	
2-Chlorotoluene	ug/L	<0.89	5.0	02/09/24 09:47	
4-Chlorotoluene	ug/L	<0.89	5.0	02/09/24 09:47	
Benzene	ug/L	<0.30	1.0	02/09/24 09:47	
Bromobenzene	ug/L	<0.36	1.0	02/09/24 09:47	
Bromochloromethane	ug/L	<0.36	1.0	02/09/24 09:47	
Bromodichloromethane	ug/L	<0.42	1.0	02/09/24 09:47	
Bromoform	ug/L	<0.43	1.0	02/09/24 09:47	
Bromomethane	ug/L	<1.2	5.0	02/09/24 09:47	
Carbon tetrachloride	ug/L	<0.37	1.0	02/09/24 09:47	
Chlorobenzene	ug/L	<0.86	1.0	02/09/24 09:47	
Chloroethane	ug/L	<1.4	5.0	02/09/24 09:47	
Chloroform	ug/L	<0.50	5.0	02/09/24 09:47	
Chloromethane	ug/L	<1.6	5.0	02/09/24 09:47	
cis-1,2-Dichloroethene	ug/L	<0.47	1.0	02/09/24 09:47	
cis-1,3-Dichloropropene	ug/L	<0.24	1.0	02/09/24 09:47	
Dibromochloromethane	ug/L	<2.6	5.0	02/09/24 09:47	
Dibromomethane	ug/L	<0.99	5.0	02/09/24 09:47	
Dichlorodifluoromethane	ug/L	<0.46	5.0	02/09/24 09:47	
Diisopropyl ether	ug/L	<1.1	5.0	02/09/24 09:47	

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QUALITY CONTROL DATA

Project: WEST ALLIS PH 2
Pace Project No.: 40273925

METHOD BLANK: 2675217 Matrix: Water
Associated Lab Samples: 40273925001, 40273925002, 40273925003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethylbenzene	ug/L	<0.33	1.0	02/09/24 09:47	
Hexachloro-1,3-butadiene	ug/L	<2.7	5.0	02/09/24 09:47	
Isopropylbenzene (Cumene)	ug/L	<1.0	5.0	02/09/24 09:47	
m&p-Xylene	ug/L	<0.70	2.0	02/09/24 09:47	
Methyl-tert-butyl ether	ug/L	<1.1	5.0	02/09/24 09:47	
Methylene Chloride	ug/L	<0.32	5.0	02/09/24 09:47	
n-Butylbenzene	ug/L	<0.86	1.0	02/09/24 09:47	
n-Propylbenzene	ug/L	<0.35	1.0	02/09/24 09:47	
Naphthalene	ug/L	<1.9	5.0	02/09/24 09:47	
o-Xylene	ug/L	<0.35	1.0	02/09/24 09:47	
p-Isopropyltoluene	ug/L	<1.0	5.0	02/09/24 09:47	
sec-Butylbenzene	ug/L	<0.42	1.0	02/09/24 09:47	
Styrene	ug/L	<0.36	1.0	02/09/24 09:47	
tert-Butylbenzene	ug/L	<0.59	1.0	02/09/24 09:47	
Tetrachloroethene	ug/L	<0.41	1.0	02/09/24 09:47	
Toluene	ug/L	<0.29	1.0	02/09/24 09:47	
trans-1,2-Dichloroethene	ug/L	<0.53	1.0	02/09/24 09:47	
trans-1,3-Dichloropropene	ug/L	<0.27	1.0	02/09/24 09:47	
Trichloroethene	ug/L	<0.32	1.0	02/09/24 09:47	
Trichlorofluoromethane	ug/L	<0.42	1.0	02/09/24 09:47	
Vinyl chloride	ug/L	<0.17	1.0	02/09/24 09:47	
Xylene (Total)	ug/L	<1.0	3.0	02/09/24 09:47	
1,2-Dichlorobenzene-d4 (S)	%	99	70-130	02/09/24 09:47	
4-Bromofluorobenzene (S)	%	100	70-130	02/09/24 09:47	
Toluene-d8 (S)	%	101	70-130	02/09/24 09:47	

LABORATORY CONTROL SAMPLE: 2675218

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	49.2	98	70-132	
1,1,2,2-Tetrachloroethane	ug/L	50	57.2	114	70-130	
1,1,2-Trichloroethane	ug/L	50	53.8	108	70-130	
1,1-Dichloroethane	ug/L	50	53.7	107	70-130	
1,1-Dichloroethene	ug/L	50	51.3	103	73-140	
1,2,4-Trichlorobenzene	ug/L	50	44.6	89	70-130	
1,2-Dibromo-3-chloropropane	ug/L	50	60.7	121	58-130	
1,2-Dibromoethane (EDB)	ug/L	50	59.4	119	70-130	
1,2-Dichlorobenzene	ug/L	50	50.7	101	70-130	
1,2-Dichloroethane	ug/L	50	53.6	107	70-130	
1,2-Dichloropropane	ug/L	50	55.8	112	77-127	
1,3-Dichlorobenzene	ug/L	50	49.9	100	70-130	
1,4-Dichlorobenzene	ug/L	50	50.5	101	70-130	
Benzene	ug/L	50	50.8	102	70-130	
Bromodichloromethane	ug/L	50	57.6	115	70-130	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: WEST ALLIS PH 2
Pace Project No.: 40273925

LABORATORY CONTROL SAMPLE: 2675218

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Bromoform	ug/L	50	48.2	96	70-130	
Bromomethane	ug/L	50	50.9	102	22-141	
Carbon tetrachloride	ug/L	50	46.8	94	70-135	
Chlorobenzene	ug/L	50	52.0	104	70-130	
Chloroethane	ug/L	50	53.1	106	59-141	
Chloroform	ug/L	50	50.9	102	80-124	
Chloromethane	ug/L	50	43.0	86	29-150	
cis-1,2-Dichloroethene	ug/L	50	49.0	98	70-130	
cis-1,3-Dichloropropene	ug/L	50	45.4	91	70-130	
Dibromochloromethane	ug/L	50	47.7	95	70-130	
Dichlorodifluoromethane	ug/L	50	42.9	86	10-147	
Ethylbenzene	ug/L	50	51.1	102	80-125	
Isopropylbenzene (Cumene)	ug/L	50	50.3	101	70-130	
m&p-Xylene	ug/L	100	105	105	70-130	
Methyl-tert-butyl ether	ug/L	50	46.2	92	64-131	
Methylene Chloride	ug/L	50	52.7	105	70-137	
o-Xylene	ug/L	50	52.8	106	70-130	
Styrene	ug/L	50	53.6	107	70-130	
Tetrachloroethene	ug/L	50	46.0	92	70-130	
Toluene	ug/L	50	51.4	103	80-120	
trans-1,2-Dichloroethene	ug/L	50	50.6	101	70-131	
trans-1,3-Dichloropropene	ug/L	50	46.8	94	70-130	
Trichloroethene	ug/L	50	50.4	101	70-130	
Trichlorofluoromethane	ug/L	50	50.1	100	69-141	
Vinyl chloride	ug/L	50	50.0	100	51-145	
Xylene (Total)	ug/L	150	158	105	70-130	
1,2-Dichlorobenzene-d4 (S)	%			98	70-130	
4-Bromofluorobenzene (S)	%			103	70-130	
Toluene-d8 (S)	%			101	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2675273 2675274

Parameter	Units	40274040001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1-Trichloroethane	ug/L	ND	50	50	48.5	49.2	97	98	70-132	1	20	
1,1,2,2-Tetrachloroethane	ug/L	ND	50	50	55.0	54.1	110	108	70-131	2	20	
1,1,2-Trichloroethane	ug/L	ND	50	50	52.2	51.9	104	104	70-130	1	20	
1,1-Dichloroethane	ug/L	ND	50	50	52.7	52.8	105	106	70-131	0	20	
1,1-Dichloroethene	ug/L	ND	50	50	50.0	50.9	100	102	69-146	2	20	
1,2,4-Trichlorobenzene	ug/L	ND	50	50	45.0	45.7	90	91	70-130	2	20	
1,2-Dibromo-3-chloropropane	ug/L	ND	50	50	59.7	59.9	119	120	56-130	0	20	
1,2-Dibromoethane (EDB)	ug/L	ND	50	50	57.1	56.7	114	113	70-130	1	20	
1,2-Dichlorobenzene	ug/L	ND	50	50	49.0	50.1	98	100	70-130	2	20	
1,2-Dichloroethane	ug/L	ND	50	50	51.8	51.6	104	103	70-130	0	20	

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(920)469-2436

QUALITY CONTROL DATA

Project: WEST ALLIS PH 2
Pace Project No.: 40273925

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2675273 2675274

Parameter	Units	40274040001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,2-Dichloropropane	ug/L	ND	50	50	53.2	53.3	106	107	77-129	0	20	
1,3-Dichlorobenzene	ug/L	ND	50	50	48.4	50.0	97	100	70-130	3	20	
1,4-Dichlorobenzene	ug/L	ND	50	50	49.4	50.2	99	100	70-130	2	20	
Benzene	ug/L	ND	50	50	49.7	49.9	99	100	70-130	0	20	
Bromodichloromethane	ug/L	ND	50	50	55.6	55.4	111	111	70-130	0	20	
Bromoform	ug/L	ND	50	50	47.0	47.3	94	95	70-130	1	20	
Bromomethane	ug/L	ND	50	50	52.7	56.4	105	113	12-159	7	26	
Carbon tetrachloride	ug/L	ND	50	50	46.4	46.8	93	94	70-135	1	20	
Chlorobenzene	ug/L	ND	50	50	50.3	50.7	101	101	70-130	1	20	
Chloroethane	ug/L	ND	50	50	50.9	52.3	102	105	56-143	3	20	
Chloroform	ug/L	ND	50	50	49.4	49.8	99	100	80-126	1	20	
Chloromethane	ug/L	ND	50	50	40.6	40.3	81	81	22-156	1	20	
cis-1,2-Dichloroethene	ug/L	ND	50	50	48.0	47.5	96	95	70-130	1	20	
cis-1,3-Dichloropropene	ug/L	ND	50	50	44.3	44.1	89	88	70-130	0	20	
Dibromochloromethane	ug/L	ND	50	50	46.6	46.6	93	93	70-130	0	20	
Dichlorodifluoromethane	ug/L	ND	50	50	39.3	38.0	79	76	10-147	3	20	
Ethylbenzene	ug/L	ND	50	50	49.2	50.6	98	101	80-126	3	20	
Isopropylbenzene (Cumene)	ug/L	ND	50	50	49.1	50.4	98	101	70-130	3	20	
m&p-Xylene	ug/L	ND	100	100	99.6	103	100	103	70-130	3	20	
Methyl-tert-butyl ether	ug/L	ND	50	50	45.6	44.5	91	89	64-136	2	20	
Methylene Chloride	ug/L	ND	50	50	51.1	51.8	102	104	70-137	1	20	
o-Xylene	ug/L	ND	50	50	50.8	51.3	102	103	70-130	1	20	
Styrene	ug/L	ND	50	50	51.7	52.5	103	105	70-133	2	20	
Tetrachloroethene	ug/L	ND	50	50	44.5	45.0	89	90	70-131	1	20	
Toluene	ug/L	ND	50	50	50.3	50.8	101	102	80-121	1	20	
trans-1,2-Dichloroethene	ug/L	ND	50	50	49.7	50.2	99	100	70-135	1	20	
trans-1,3-Dichloropropene	ug/L	ND	50	50	45.7	45.2	91	90	70-130	1	20	
Trichloroethene	ug/L	ND	50	50	49.3	49.8	99	100	70-130	1	20	
Trichlorofluoromethane	ug/L	ND	50	50	48.9	48.9	98	98	67-142	0	20	
Vinyl chloride	ug/L	ND	50	50	48.1	48.8	96	98	45-147	1	20	
Xylene (Total)	ug/L	ND	150	150	150	154	100	103	70-130	3	20	
1,2-Dichlorobenzene-d4 (S)	%						99	98	70-130			
4-Bromofluorobenzene (S)	%						104	104	70-130			
Toluene-d8 (S)	%						101	101	70-130			

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(920)469-2436

QUALIFIERS

Project: WEST ALLIS PH 2
Pace Project No.: 40273925

DEFINITIONS

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

ND - Not Detected at or above LOD.

J - The reported result is an estimated value.

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

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

DL - Adjusted Method Detection Limit.

S - Surrogate

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

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Analyte was not detected and is reported as less than the LOD or as defined by the customer.

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

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

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

HS	Results are from sample aliquot taken from VOA vial with headspace (air bubble greater than 6 mm diameter).
M1	Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: WEST ALLIS PH 2
Pace Project No.: 40273925

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40273925004	**MEOH BLANK**	EPA 5035/5030B	466598	EPA 8260	466604
40273925001	**TW01**	EPA 8260	466787		
40273925002	**TW02**	EPA 8260	466787		
40273925003	**TRIP BLANK**	EPA 8260	466787		

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CHAIN-OF-CUSTODY Analytical Request Document

Pace Analytical®

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

LAB USE ONLY- Affix Workorder/Login Label Here or List Pace Workorder Number or MTJL Log-in Number Here: 40273925

ALL SHADED AREAS are for LAB USE ONLY

Company: Ramboll	Billing Information: Ramboll Americas
Address: 234 W Florida St Milwaukee WI	
Report To: Donna Volk	Email To: dvolk@ramboll.com
Copy To: —	Site Collection Info/Address:
Customer Project Name/Number: West Allis pH 2	State: WI / County/City: / Time Zone Collected: [ ] PT [ ] MT [X] CT [ ] ET
Phone: 262-901-3504 Email:	Site/Facility ID #:
Collected By (print): Lauren Anderson	Purchase Order #: Quote #:
Collected By (signature):	Turnaround Date Required: standard turn
Sample Disposal: [ ] Dispose as appropriate [ ] Return [ ] Archive: [ ] Hold:	Rush: [ ] Same Day [ ] Next Day [ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] 5 Day (Expedite Charges Apply)

Compliance Monitoring? [ ] Yes [ ] No

DW PWS ID #: DW Location Code:

Immediately Packed on Ice: [X] Yes [ ] No

Field Filtered (if applicable): [ ] Yes [X] No

Analysis: _____

Container Preservative Type **: 3 3 6

Lab Project Manager:

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

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

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start) Date	Collected (or Composite Start) Time	Composite End Date	Composite End Time	Res Cl	# of Ctns	Analyses: VOCs	trip blank	MeOH blank	Lab Profile/Line
TW01	GW	G	2/2/24	1110			NA	3	X			001
TW02	GW			1038				3	X			002
trip blank	LAB			—				2		X		003
MeOH blank	—		1/29/24	—				1			X	004

LCA 2/2/24

Lab Sample Receipt Checklist:

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

LAB USE ONLY:
Lab Sample # / Comments:

Customer Remarks / Special Conditions / Possible Hazards: MeOH blank included from soil sampling (was not previously recieved)

Type of Ice Used: Wet Blue Dry None

Packing Material Used: (1)

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

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

Lab Tracking #: 2883368

Samples received via: FEDEX UPS Client Courier Pace Courier

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

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Ramboll	2/5/24 1300		
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Logistics	2/6/24 0920	Pace	2/6/24 0920
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:

MTJL LAB USE ONLY
Table #: (1)
Acctnum:
Template:
Prelogin:
PM:
PB:

Trip Blank Received: Y N NA
HCL MeOH TSP Other

Non Conformance(s): YES / NO

Sample Preservation Receipt Form

Client Name: Ramboll Project # 40273925

All containers needing preservation have been checked and noted below: ☐Yes ☐No ☑N/A Initial when completed Date/ Time:

Lab Lot# of pH paper. Lab Std #ID of preservation (if pH adjusted)

Pace Lab #	Glass: AG1U	BG1U	AG1H	AG4S	AG5U	AG2S	BG3U	Plastic: BP1U	BP3U	BP3B	BP3N	BP3S	BP2Z	Vials: VG9C	DG9T	VG9U	VG9H	VG9M	VG9D	Jars: JGFU	JG9U	WGFU	WPFU	General: SP5T	ZPLC	GN 1	GN 2	VOA Vials (>6mm) *	H2SO4 pH ≤2	NaOH+Zn Act pH ≥9	NaOH pH ≥12	HNO3 pH ≤2	pH after adjusted	Volume (mL)
001																	2																	2.5 / 5
002																	2																	2.5 / 5
003																	2											2						2.5 / 5
004																		1																2.5 / 5
005																																		2.5 / 5
006																																		2.5 / 5
007																																		2.5 / 5
008																																		2.5 / 5
009																																		2.5 / 5
010														2			86																	2.5 / 5
011																																		2.5 / 5
012																																		2.5 / 5
013																																		2.5 / 5
014																																		2.5 / 5
015																																		2.5 / 5
016																																		2.5 / 5
017																																		2.5 / 5
018																																		2.5 / 5
019																																		2.5 / 5
020																																		2.5 / 5

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

AG1U	1 liter amber glass	BP1U	1 liter plastic unpres	VG9C	40 mL clear ascorbic w/ HCl	JGFU	4 oz amber jar unpres
BG1U	1 liter clear glass	BP3U	250 mL plastic unpres	DG9T	40 mL amber Na Thio	JG9U	9 oz amber jar unpres
AG1H	1 liter amber glass HCL	BP3B	250 mL plastic NaOH	VG9U	40 mL clear vial unpres	WGFU	4 oz clear jar unpres
AG4S	125 mL amber glass H2SO4	BP3N	250 mL plastic HNO3	VG9H	40 mL clear vial HCL	WPFU	4 oz plastic jar unpres
AG5U	100 mL amber glass unpres	BP3S	250 mL plastic H2SO4	VG9M	40 mL clear vial MeOH	SP5T	120 mL plastic Na Thiosulfate
AG2S	500 mL amber glass H2SO4	BP2Z	500 mL plastic NaOH + Zn	VG9D	40 mL clear vial DI	ZPLC	ziploc bag
BG3U	250 mL clear glass unpres					GN 1	
						GN 2	

Page 1 of 2

Sample Condition Upon Receipt Form (SCUR)

Project #:

WO# : 40273925

40273925

Client Name: Ramboll

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

Tracking #: _____

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

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

Packing Material: ☐ Bubble Wrap ☑ Bubble Bags ☐ None ☐ Other _____

Thermometer Used SR - 139 **Type of Ice:** (Wet) Blue Dry None ☐ Meltwater Only

Cooler Temperature Uncorr: 1.0 /Corr: 1.0

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

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

Person examining contents:
Date: 7/6/24 /Initials: SG

Labeled By Initials: TJW

Chain of Custody Present:	☑Yes ☐No ☐N/A	1.
Chain of Custody Filled Out:	☑Yes ☐No ☐N/A	2.
Chain of Custody Relinquished:	☑Yes ☐No ☐N/A	3.
Sampler Name & Signature on COC:	☑Yes ☐No ☐N/A	4.
Samples Arrived within Hold Time:	☑Yes ☐No	5.
- DI VOA Samples frozen upon receipt	☐Yes ☐No	Date/Time:
Short Hold Time Analysis (<72hr):	☐Yes ☑No	6.
Rush Turn Around Time Requested:	☐Yes ☑No	7.
Sufficient Volume: For Analysis: ☑Yes ☐No MS/MSD: ☐Yes ☑No ☐N/A		8.
Correct Containers Used:	☑Yes ☐No	9.
Correct Type: (Pace Green Bay) Pace IR, Non-Pace		
Containers Intact:	☑Yes ☐No	10.
Filtered volume received for Dissolved tests	☐Yes ☐No ☑N/A	11.
Sample Labels match COC: -Includes date/time/ID/Analysis Matrix: WJ, SL	☑Yes ☐No ☐N/A	12.
Trip Blank Present:	☑Yes ☐No ☐N/A	13.
Trip Blank Custody Seals Present	☑Yes ☐No ☐N/A	
Pace Trip Blank Lot # (if purchased): 515		

Client Notification/ Resolution: If checked, see attached form for additional comments ☐

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

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

Page 2 of 2

City of West Allis Waste Transfer Station

⊕ Proposed Soil Probe location

● Proposed Soil Probe/Small Diameter Monitoring Well Location