

Moraine Environmental, Inc.

Design • Engineer • Construct

May 31, 2022

Project Reference No. 6733

Alice Egan
Wisconsin Department of Natural Resources
1027 W. St. Paul Ave
Milwaukee, WI 53233

**RE: NR 716 Site Investigation Addendum Letter Report
Bay Cleaners
201 - 207 S. Main Street
Thiensville, WI 53092
WDNR BRRTS No. 02-46-587191
WDNR FID No. 246042170**

Dear Alice,

Moraine Environmental, Inc. (Moraine) provides this site investigation addendum in response to the Wisconsin Department of Natural Resources (WDNR) Closure Denial letter dated May 20, 2022. Our response includes documentation of additional field investigation groundwater & sediment sampling completed on May 9, 2022, and revised figures and tables.

SEDIMENT

Moraine collected a sediment sample (SED-1) on May 9, 2022, in the off-site stormwater pond, approximately 10 feet south of SD-4. We used a 4-foot macro core with acetate liner to collect the sediment samples. The macro core was driven through the sediment. Refusal was encountered at 42" below the pond surface. Top of sediment was noted at 24" below pond surface. Two samples (shallow and deep) and a duplicate were submitted to the laboratory for volatile organic compound (VOC) analysis. There were no CVOC detections in any of the sediment samples. The only VOC detection was "J" flagged methylene chloride in each sediment sample. Methylene chloride is a common laboratory contaminant and was present in the laboratory method blank analysis. The sediment sample location is shown on the attached Figure B.1.b. Updated Table A.7. shows the sediment lab results and compares the results to both NR 720 Soil Standards and RR-088 Consensus-Based Sediment Quality Guidelines (CBSQG's). There are no CBSQG's for methylene chloride.

GROUNDWATER

The WDNR requested additional groundwater monitoring at MW-2, SD-4, and a surface water sample from the off-site Storm Water Detention Pond. Moraine completed a groundwater monitoring event at these three locations on May 9, 2022. We also completed a level survey of the pond elevation this same day. Preventive Action Limit (PAL) exceedances of PCE and TCE were identified at MW-2, which is a result expected given the soil lab results from excavation confirmation soil sample OE-6, which had PCE and TCE detections at levels above their respective groundwater pathway RCLs. PCE and TCE were not detected at MW-2 any of the previous groundwater sampling events.

Analysis of the groundwater sample from SD-4 resulted in detections of TCE and cis-1,2 DCE, each at levels below their respective PALs. There were no VOC detections in the water sample collected from the off-site storm water pond. Tabulated results are provided in the attached Table A.1.

There are only PAL exceedances in groundwater. A revised isoconcentration map (Figure B.3.b.) is attached.

CONCLUSION

No additional investigation or remedial actions are warranted. Moraine will prepare and present the case closure modifications upon WDNR receipt of this report.

One electronic copy of this report is being submitted. Please call our office at (262) 692-3345 if you have questions concerning this report.

Sincerely,



David M. Lennon, P.E.
Senior Project Manager
Moraine Environmental, Inc.



Joseph Pospichal
Project Scientist
Moraine Environmental, Inc.

Attachment A

Figures

Maintenance Shop
(vacant)

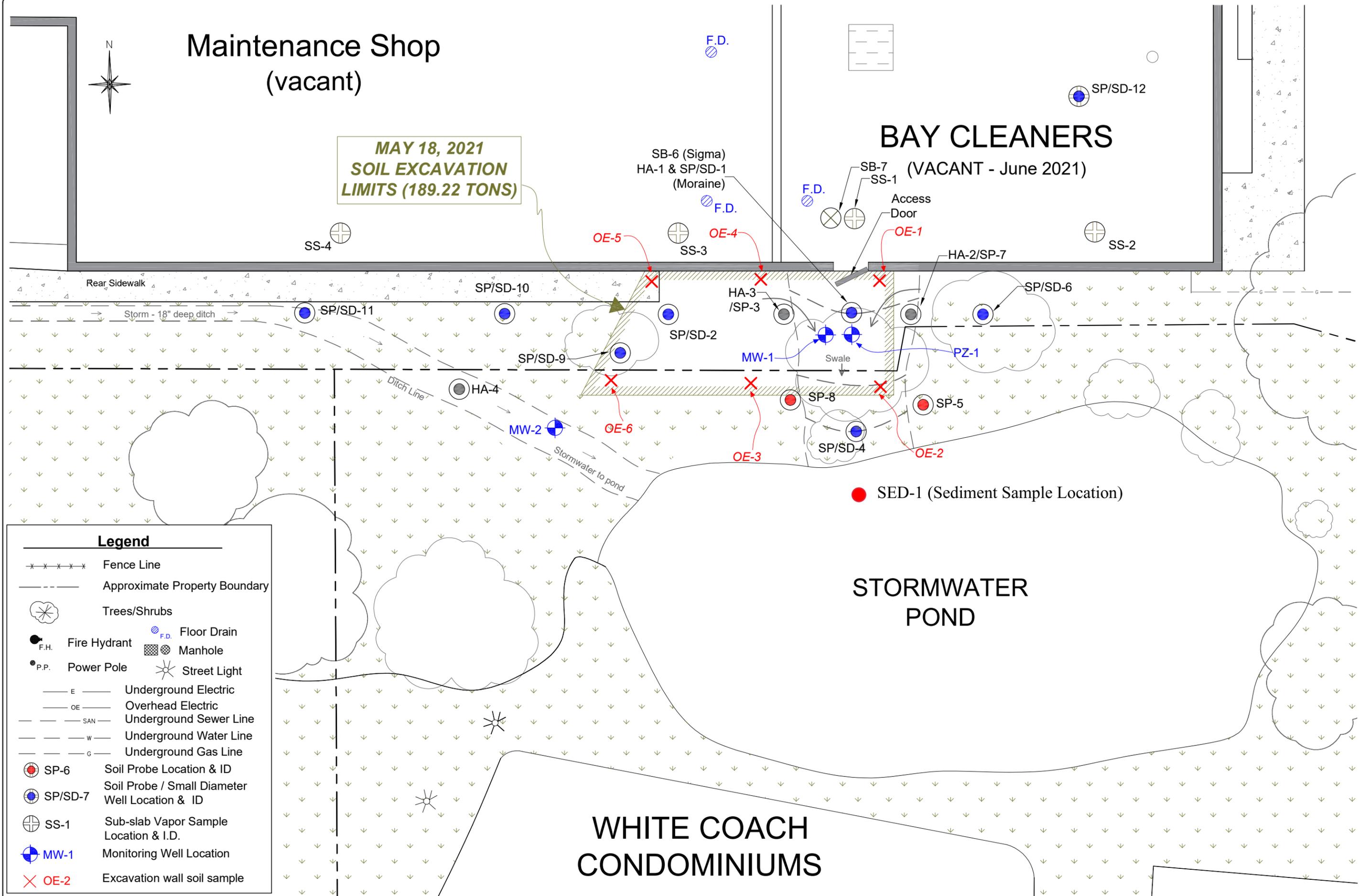
**MAY 18, 2021
SOIL EXCAVATION
LIMITS (189.22 TONS)**

BAY CLEANERS

(VACANT - June 2021)

FIGURE B.1.b
DETAILED SITE MAP

BAY CLEANERS SITE / JUNIOR-BAGNESKI, LLC PROPERTY
201 - 207 S. MAIN STREET, THIENSVILLE, WI 53092



Legend

- x — x — x — x — Fence Line
- - - - - Approximate Property Boundary
- Trees/Shrubs
- F.H. Fire Hydrant
- P.P. Power Pole
- Manhole
- Street Light
- E — — — — Underground Electric
- OE — — — — Overhead Electric
- SAN — — — — Underground Sewer Line
- W — — — — Underground Water Line
- G — — — — Underground Gas Line
- SP-6 Soil Probe Location & ID
- SP/SD-7 Soil Probe / Small Diameter Well Location & ID
- SS-1 Sub-slab Vapor Sample Location & I.D.
- MW-1 Monitoring Well Location
- OE-2 Excavation wall soil sample

SED-1 (Sediment Sample Location)

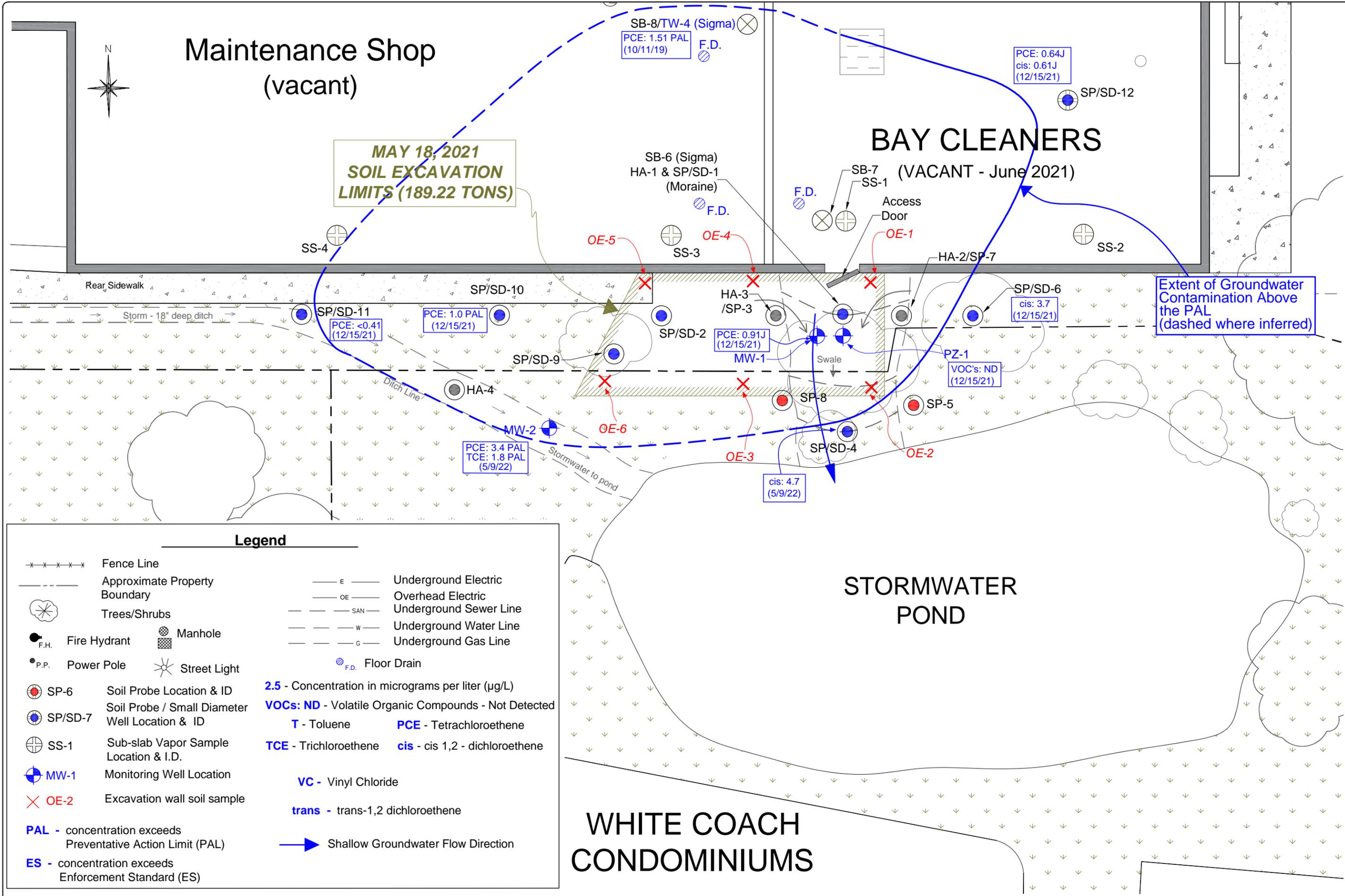
**WHITE COACH
CONDOMINIUMS**

Maintenance Shop (vacant)

BAY CLEANERS (VACANT - June 2021)

**MAY 18, 2021
SOIL EXCAVATION
LIMITS (189.22 TONS)**

**Extent of Groundwater
Contamination Above
the PAL
(dashed where inferred)**



Legend

- | | | | |
|--------------------------------------|--|----------------------|------------------------|
| — x — x — x — x — | Fence Line | — E — | Underground Electric |
| ----- | Approximate Property Boundary | — OE — | Overhead Electric |
| (Tree symbol) | Trees/Shrubs | — SAN — | Underground Sewer Line |
| (Fire Hydrant symbol) | Fire Hydrant | — W — | Underground Water Line |
| (Power Pole symbol) | Power Pole | — G — | Underground Gas Line |
| (Manhole symbol) | Manhole | (Floor Drain symbol) | Floor Drain |
| (Street Light symbol) | Street Light | | |
| (Soil Probe symbol) | SP-6 Soil Probe Location & ID | | |
| (Soil Probe symbol) | SP/SD-7 Soil Probe / Small Diameter Well Location & ID | | |
| (Sub-slab Vapor Sample symbol) | SS-1 Sub-slab Vapor Sample Location & I.D. | | |
| (Monitoring Well symbol) | MW-1 Monitoring Well Location | | |
| (Excavation Wall Soil Sample symbol) | OE-2 Excavation wall soil sample | | |
| | PAL - concentration exceeds Preventative Action Limit (PAL) | | |
| | ES - concentration exceeds Enforcement Standard (ES) | | |
-
- | | |
|--------------|--|
| 2.5 | - Concentration in micrograms per liter (µg/L) |
| VOCs: ND | - Volatile Organic Compounds - Not Detected |
| T | - Toluene |
| PCE | - Tetrachloroethene |
| TCE | - Trichloroethene |
| cis | - cis 1,2 - dichloroethene |
| VC | - Vinyl Chloride |
| trans | - trans-1,2 dichloroethene |
| (Blue Arrow) | - Shallow Groundwater Flow Direction |

FIGURE B.3.b
GROUNDWATER ISOCONCENTRATION (1/21/5/21 # 5/9/22)

BAY CLEANERS SITE / JUNIOR-BAGNESKI, LLC PROPERTY
201 - 207 S. MAIN STREET, THIENSVILLE, WI 53092

Attachment B

Tables

Table A.1.
Groundwater Analytical Results
Bay Cleaners/Jenior-Bagneski, LLC Property
201-207 S Main St.
Thiensville, WI 53092

Monitoring Well ID	NR 140 Preventive Action Limit (PAL)	NR 140 Enforcement Standard (ES)	Same Location																						
			Pre-Remedial			Post-Remedial (well/piezo nest)									Pond						SP/SD-6				
			SP/SD-1		MW-1			PZ-1			SP/SD-2	SP/SD-4			Pond			SP/SD-6							
Sample Collection Date	2/7/20	1/19/21	6/23/21	9/20/21	12/15/21	6/23/21	9/20/21	12/15/21	1/19/21	1/19/21	6/23/21	9/20/21	12/15/21	5/9/22	6/23/21	9/20/21	12/15/21	5/9/22	1/19/21	6/23/21	9/20/21	12/15/21			
Detected Volatile Organic Compounds (µg/L)																									
1,2,4-Trimethylbenzene	NS	NS	<0.84	<2.1	<0.45	<0.45	<0.45	0.77 J	<0.45	<0.45	1.0 J	2.3 J	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	
Chloroform	0.6	6	<1.3	<3.2	<1.2	<1.2	<1.2	2.2 J	<1.2	<1.2	<1.3	<1.3	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	
Ethylbenzene	140	700	<0.22	<0.80	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	0.39 J	0.39 J	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	
Tetrachloroethene (PCE)	0.5	5	25.7	270	14.7	2.5	0.91 J	<0.41	<0.41	<0.41	28.2	<0.33	0.95 J	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	1.3	0.48 J	<0.41	<0.41	
Toluene	160	800	0.41 J	<0.67	<0.29	<0.29	<0.29	0.51 J	<0.29	<0.29	0.84 J	1.0	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	0.32 J	<0.29	<0.29	<0.29	
Trichloroethene (TCE)	0.5	5	30.0	139	1.1	<0.32	<0.32	<0.32	<0.32	<0.32	16.4	<0.26	<0.32	0.76 J	0.72 J	0.78 J	<0.32	<0.32	<0.32	<0.32	0.26 J	<0.32	0.37 J	<0.32	
Vinyl chloride	0.02	0.2	<0.17	<0.44	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	0.22 J	<0.17	<0.17	<0.17	<0.17		
cis-1,2-Dichloroethene	7	70	154	55.5	<0.47	<0.47	<0.47	<0.47	<0.47	<0.47	5.5	50	15.1	30.7	17.6	4.7	<0.47	<0.47	1.7	<0.47	1.5	2.9	6.6	3.7	
m&p-Xylene	NS	NS	<0.47	<1.2	<0.70	<0.70	<0.70	<0.70	<0.70	<0.70	1.4 J	1.2 J	<0.70	<0.70	<0.70	<0.70	<0.70	<0.70	<0.70	<0.70	<0.47	<0.70	<0.70	<0.70	
o-Xylene	NS	NS	<0.26	<0.65	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	0.57 J	0.51 J	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	<0.26	<0.35	<0.35	<0.35	
trans-1,2-Dichloroethene	20	100	<1.1	<1.2	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53	<0.46	2.4	0.75 J	0.92 J	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53	<0.46	<0.53	<0.53	<0.53	
Total Trimethylbenzene	96	480	<1.71	<4.3	<0.81	<0.81	<0.81	0.77 J	<0.81	<0.81	1.0 J	2.3 J	<0.81	<0.81	<0.81	<0.81	<0.81	<0.81	<0.81	<0.81	<1.71	<0.81	<0.81	<0.81	
Total Xylenes	400	2,000	<0.73	<1.85	<1.05	<1.05	<1.05	<1.05	<1.05	<1.05	1.97 J	1.71 J	<1.05	<1.05	<1.05	<1.05	<1.05	<1.05	<1.05	<1.05	<0.73	<1.05	<1.05	<1.05	

All concentrations expressed in µg/L (micrograms per liter).
 VOCs - Volatile Organic Compounds
 PAL - Preventive Action Limit, as established in Wisconsin Administrative Code Chapter NR 140
 ES - Enforcement Standard, as established in Wisconsin Administrative Code Chapter NR 140
 NS - No Standard established for this analyte
 < - less than the specified detection limit
 J - Estimated concentration at or above the limit of detection and below the limit of quantitation
 -- - sample not analyzed for this parameter
 - - no sample collected from this location
Italics - concentration exceeds NR 140 PAL
Bold - concentration exceeds NR 140 ES
 Abd 5/18/21 - Well abandoned during soil excavation activities on 5/18/21

Table A.7.

Pond Sediment Analytical Results

Bay Cleaners/Jenior-Bagneski, LLC Property

201-207 S Main St., Thiensville, WI 53092

Sample ID	WDNR Soil Standards/RR-088 CBSQG's			Same Location		
	Depth (inches) Below Water Surface	Groundwater Pathway RCL/CBSQG Standards	Non-Industrial DC Pathway RCL/CBSQG Standards	Industrial DC Pathway RCL/CBSQG Standards	Sed-1A	Sed-Dup
Date Collected						
				5/9/22	5/9/22	5/9/22
Detected VOCs (µg/kg)						
Methylene Chloride	<i>2.56/NS</i>	61800/NS	<u>1150000/NS</u>	<i>94.0 J</i>	<i>123 J</i>	<i>47.9 J</i>

NOTE: Methylene Chloride is a common lab contaminant, and was detected in the laboratory method blank at 21.4 J ug/kg

CBSQG - Consensus-Based Sediment Quality Guidelines. **There are no CBSQG's for methylene Chloride**

Soil RCLs calculated using the USEPA Regional Screening Level Web Calculator (PUB-RR-890)

All values expressed in µg/kg (micrograms per kilogram).

BGS - feet below ground surface

DC - Direct Contact

VOCs - volatile organic compounds

RCL - Residual Contaminant Level

NS - No Standard established for this analyte

< - less than the specified detection limit

J - Estimated concentration at or above the limit of detection and below the limit of quantitation

-- - sample not analyzed for this parameter

- - no sample collected from this location

Italics - concentration exceeds Groundwater Pathway RCL

Bold - concentration exceeds Non-Industrial Direct Contact RCL

Bold Underlined - concentration exceeds Industrial Direct Contact

Attachment C

Laboratory Reports

May 19, 2022

Tom Sweet
Moraine Environmental, Inc.
766 Tower Drive
Fredonia, WI 53021

RE: Project: 6733 BAY CLEANERS
Pace Project No.: 40244705

Dear Tom Sweet:

Enclosed are the analytical results for sample(s) received by the laboratory on May 11, 2022. 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



REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

CERTIFICATIONS

Project: 6733 BAY CLEANERS

Pace Project No.: 40244705

Pace Analytical Services Green Bay

1241 Bellevue Street, Green Bay, WI 54302

Florida/NELAP Certification #: E87948

Illinois Certification #: 200050

Kentucky UST Certification #: 82

Louisiana Certification #: 04168

Minnesota Certification #: 055-999-334

New York Certification #: 12064

North Dakota Certification #: R-150

Virginia VELAP ID: 460263

South Carolina Certification #: 83006001

Texas Certification #: T104704529-14-1

Wisconsin Certification #: 405132750

Wisconsin DATCP Certification #: 105-444

USDA Soil Permit #: P330-16-00157

Federal Fish & Wildlife Permit #: LE51774A-0

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: 6733 BAY CLEANERS

Pace Project No.: 40244705

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40244705001	MW-2	Water	05/09/22 00:00	05/11/22 07:20
40244705002	SD-4	Water	05/09/22 00:00	05/11/22 07:20
40244705003	POND	Water	05/09/22 00:00	05/11/22 07:20
40244705004	SED-1A	Solid	05/09/22 00:00	05/11/22 07:20
40244705005	SED-1B	Solid	05/09/22 00:00	05/11/22 07:20
40244705006	SED-DUP	Solid	05/09/22 00:00	05/11/22 07:20

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: 6733 BAY CLEANERS

Pace Project No.: 40244705

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40244705001	MW-2	EPA 8260	EIB	64	PASI-G
40244705002	SD-4	EPA 8260	EIB	64	PASI-G
40244705003	POND	EPA 8260	EIB	64	PASI-G
40244705004	SED-1A	EPA 8260	ALD	64	PASI-G
40244705005	SED-1B	ASTM D2974-87	PDV	1	PASI-G
		EPA 8260	ALD	64	PASI-G
		ASTM D2974-87	PDV	1	PASI-G
40244705006	SED-DUP	EPA 8260	ALD	64	PASI-G
		ASTM D2974-87	PDV	1	PASI-G

PASI-G = Pace Analytical Services - Green Bay

REPORT OF LABORATORY ANALYSIS

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SUMMARY OF DETECTION

Project: 6733 BAY CLEANERS
Pace Project No.: 40244705

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40244705001	MW-2					
EPA 8260	cis-1,2-Dichloroethene	0.68J	ug/L	1.0	05/18/22 20:35	
EPA 8260	Tetrachloroethene	3.4	ug/L	1.0	05/18/22 20:35	
EPA 8260	Trichloroethene	1.8	ug/L	1.0	05/18/22 20:35	
40244705002	SD-4					
EPA 8260	cis-1,2-Dichloroethene	4.7	ug/L	1.0	05/18/22 20:55	
EPA 8260	Trichloroethene	0.78J	ug/L	1.0	05/18/22 20:55	
40244705004	SED-1A					
EPA 8260	Methylene Chloride	94.0J	ug/kg	301	05/13/22 12:32	B
ASTM D2974-87	Percent Moisture	71.5	%	0.10	05/12/22 11:02	
40244705005	SED-1B					
EPA 8260	Methylene Chloride	47.9J	ug/kg	130	05/13/22 12:53	B
ASTM D2974-87	Percent Moisture	44.5	%	0.10	05/12/22 11:02	
40244705006	SED-DUP					
EPA 8260	Methylene Chloride	123J	ug/kg	367	05/13/22 13:13	B
ASTM D2974-87	Percent Moisture	76.0	%	0.10	05/12/22 11:02	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 6733 BAY CLEANERS

Pace Project No.: 40244705

Sample: MW-2 **Lab ID: 40244705001** Collected: 05/09/22 00:00 Received: 05/11/22 07:20 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		05/18/22 20:35	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		05/18/22 20:35	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		05/18/22 20:35	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		05/18/22 20:35	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		05/18/22 20:35	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		05/18/22 20:35	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		05/18/22 20:35	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		05/18/22 20:35	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		05/18/22 20:35	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		05/18/22 20:35	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		05/18/22 20:35	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		05/18/22 20:35	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		05/18/22 20:35	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		05/18/22 20:35	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		05/18/22 20:35	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		05/18/22 20:35	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		05/18/22 20:35	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		05/18/22 20:35	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		05/18/22 20:35	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		05/18/22 20:35	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		05/18/22 20:35	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		05/18/22 20:35	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		05/18/22 20:35	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		05/18/22 20:35	75-71-8	L2
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		05/18/22 20:35	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		05/18/22 20:35	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		05/18/22 20:35	75-35-4	
cis-1,2-Dichloroethene	0.68J	ug/L	1.0	0.47	1		05/18/22 20:35	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		05/18/22 20:35	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		05/18/22 20:35	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		05/18/22 20:35	142-28-9	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		05/18/22 20:35	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		05/18/22 20:35	563-58-6	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		05/18/22 20:35	10061-01-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		05/18/22 20:35	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		05/18/22 20:35	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		05/18/22 20:35	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		05/18/22 20:35	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		05/18/22 20:35	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		05/18/22 20:35	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		05/18/22 20:35	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		05/18/22 20:35	1634-04-4	
Naphthalene	<1.1	ug/L	5.0	1.1	1		05/18/22 20:35	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		05/18/22 20:35	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		05/18/22 20:35	100-42-5	

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ANALYTICAL RESULTS

Project: 6733 BAY CLEANERS

Pace Project No.: 40244705

Sample: MW-2 **Lab ID: 40244705001** Collected: 05/09/22 00:00 Received: 05/11/22 07:20 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		05/18/22 20:35	630-20-6	
1,1,1,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		05/18/22 20:35	79-34-5	L1
Tetrachloroethene	3.4	ug/L	1.0	0.41	1		05/18/22 20:35	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		05/18/22 20:35	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		05/18/22 20:35	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		05/18/22 20:35	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		05/18/22 20:35	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		05/18/22 20:35	79-00-5	
Trichloroethene	1.8	ug/L	1.0	0.32	1		05/18/22 20:35	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		05/18/22 20:35	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		05/18/22 20:35	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		05/18/22 20:35	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		05/18/22 20:35	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		05/18/22 20:35	75-01-4	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		05/18/22 20:35	179601-23-1	
o-Xylene	<0.35	ug/L	1.0	0.35	1		05/18/22 20:35	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	107	%	70-130		1		05/18/22 20:35	460-00-4	
1,2-Dichlorobenzene-d4 (S)	104	%	70-130		1		05/18/22 20:35	2199-69-1	
Toluene-d8 (S)	101	%	70-130		1		05/18/22 20:35	2037-26-5	

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ANALYTICAL RESULTS

Project: 6733 BAY CLEANERS

Pace Project No.: 40244705

Sample: SD-4 **Lab ID: 40244705002** Collected: 05/09/22 00:00 Received: 05/11/22 07:20 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		05/18/22 20:55	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		05/18/22 20:55	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		05/18/22 20:55	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		05/18/22 20:55	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		05/18/22 20:55	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		05/18/22 20:55	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		05/18/22 20:55	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		05/18/22 20:55	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		05/18/22 20:55	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		05/18/22 20:55	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		05/18/22 20:55	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		05/18/22 20:55	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		05/18/22 20:55	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		05/18/22 20:55	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		05/18/22 20:55	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		05/18/22 20:55	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		05/18/22 20:55	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		05/18/22 20:55	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		05/18/22 20:55	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		05/18/22 20:55	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		05/18/22 20:55	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		05/18/22 20:55	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		05/18/22 20:55	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		05/18/22 20:55	75-71-8	L2
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		05/18/22 20:55	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		05/18/22 20:55	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		05/18/22 20:55	75-35-4	
cis-1,2-Dichloroethene	4.7	ug/L	1.0	0.47	1		05/18/22 20:55	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		05/18/22 20:55	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		05/18/22 20:55	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		05/18/22 20:55	142-28-9	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		05/18/22 20:55	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		05/18/22 20:55	563-58-6	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		05/18/22 20:55	10061-01-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		05/18/22 20:55	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		05/18/22 20:55	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		05/18/22 20:55	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		05/18/22 20:55	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		05/18/22 20:55	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		05/18/22 20:55	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		05/18/22 20:55	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		05/18/22 20:55	1634-04-4	
Naphthalene	<1.1	ug/L	5.0	1.1	1		05/18/22 20:55	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		05/18/22 20:55	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		05/18/22 20:55	100-42-5	

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ANALYTICAL RESULTS

Project: 6733 BAY CLEANERS

Pace Project No.: 40244705

Sample: SD-4 **Lab ID: 40244705002** Collected: 05/09/22 00:00 Received: 05/11/22 07:20 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		05/18/22 20:55	630-20-6	
1,1,1,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		05/18/22 20:55	79-34-5	L1
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		05/18/22 20:55	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		05/18/22 20:55	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		05/18/22 20:55	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		05/18/22 20:55	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		05/18/22 20:55	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		05/18/22 20:55	79-00-5	
Trichloroethene	0.78J	ug/L	1.0	0.32	1		05/18/22 20:55	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		05/18/22 20:55	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		05/18/22 20:55	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		05/18/22 20:55	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		05/18/22 20:55	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		05/18/22 20:55	75-01-4	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		05/18/22 20:55	179601-23-1	
o-Xylene	<0.35	ug/L	1.0	0.35	1		05/18/22 20:55	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	109	%	70-130		1		05/18/22 20:55	460-00-4	
1,2-Dichlorobenzene-d4 (S)	105	%	70-130		1		05/18/22 20:55	2199-69-1	
Toluene-d8 (S)	103	%	70-130		1		05/18/22 20:55	2037-26-5	

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ANALYTICAL RESULTS

Project: 6733 BAY CLEANERS

Pace Project No.: 40244705

Sample: POND Lab ID: 40244705003 Collected: 05/09/22 00:00 Received: 05/11/22 07:20 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		05/18/22 21:15	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		05/18/22 21:15	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		05/18/22 21:15	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		05/18/22 21:15	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		05/18/22 21:15	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		05/18/22 21:15	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		05/18/22 21:15	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		05/18/22 21:15	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		05/18/22 21:15	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		05/18/22 21:15	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		05/18/22 21:15	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		05/18/22 21:15	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		05/18/22 21:15	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		05/18/22 21:15	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		05/18/22 21:15	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		05/18/22 21:15	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		05/18/22 21:15	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		05/18/22 21:15	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		05/18/22 21:15	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		05/18/22 21:15	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		05/18/22 21:15	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		05/18/22 21:15	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		05/18/22 21:15	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		05/18/22 21:15	75-71-8	L2
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		05/18/22 21:15	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		05/18/22 21:15	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		05/18/22 21:15	75-35-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		05/18/22 21:15	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		05/18/22 21:15	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		05/18/22 21:15	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		05/18/22 21:15	142-28-9	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		05/18/22 21:15	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		05/18/22 21:15	563-58-6	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		05/18/22 21:15	10061-01-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		05/18/22 21:15	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		05/18/22 21:15	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		05/18/22 21:15	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		05/18/22 21:15	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		05/18/22 21:15	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		05/18/22 21:15	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		05/18/22 21:15	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		05/18/22 21:15	1634-04-4	
Naphthalene	<1.1	ug/L	5.0	1.1	1		05/18/22 21:15	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		05/18/22 21:15	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		05/18/22 21:15	100-42-5	

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ANALYTICAL RESULTS

Project: 6733 BAY CLEANERS

Pace Project No.: 40244705

Sample: POND **Lab ID: 40244705003** Collected: 05/09/22 00:00 Received: 05/11/22 07:20 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		05/18/22 21:15	630-20-6	
1,1,1,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		05/18/22 21:15	79-34-5	L1
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		05/18/22 21:15	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		05/18/22 21:15	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		05/18/22 21:15	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		05/18/22 21:15	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		05/18/22 21:15	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		05/18/22 21:15	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		05/18/22 21:15	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		05/18/22 21:15	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		05/18/22 21:15	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		05/18/22 21:15	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		05/18/22 21:15	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		05/18/22 21:15	75-01-4	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		05/18/22 21:15	179601-23-1	
o-Xylene	<0.35	ug/L	1.0	0.35	1		05/18/22 21:15	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	108	%	70-130		1		05/18/22 21:15	460-00-4	
1,2-Dichlorobenzene-d4 (S)	107	%	70-130		1		05/18/22 21:15	2199-69-1	
Toluene-d8 (S)	102	%	70-130		1		05/18/22 21:15	2037-26-5	

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ANALYTICAL RESULTS

Project: 6733 BAY CLEANERS

Pace Project No.: 40244705

Sample: **SED-1A** Lab ID: **40244705004** Collected: 05/09/22 00:00 Received: 05/11/22 07:20 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									
Benzene	<71.7	ug/kg	121	71.7	1	05/13/22 08:15	05/13/22 12:32	71-43-2	
Bromobenzene	<118	ug/kg	301	118	1	05/13/22 08:15	05/13/22 12:32	108-86-1	
Bromochloromethane	<82.6	ug/kg	301	82.6	1	05/13/22 08:15	05/13/22 12:32	74-97-5	
Bromodichloromethane	<71.7	ug/kg	301	71.7	1	05/13/22 08:15	05/13/22 12:32	75-27-4	
Bromoform	<1330	ug/kg	1510	1330	1	05/13/22 08:15	05/13/22 12:32	75-25-2	
Bromomethane	<423	ug/kg	1510	423	1	05/13/22 08:15	05/13/22 12:32	74-83-9	
n-Butylbenzene	<138	ug/kg	301	138	1	05/13/22 08:15	05/13/22 12:32	104-51-8	
sec-Butylbenzene	<73.6	ug/kg	301	73.6	1	05/13/22 08:15	05/13/22 12:32	135-98-8	
tert-Butylbenzene	<94.7	ug/kg	301	94.7	1	05/13/22 08:15	05/13/22 12:32	98-06-6	
Carbon tetrachloride	<66.3	ug/kg	301	66.3	1	05/13/22 08:15	05/13/22 12:32	56-23-5	
Chlorobenzene	<36.1	ug/kg	301	36.1	1	05/13/22 08:15	05/13/22 12:32	108-90-7	
Chloroethane	<127	ug/kg	1510	127	1	05/13/22 08:15	05/13/22 12:32	75-00-3	
Chloroform	<216	ug/kg	1510	216	1	05/13/22 08:15	05/13/22 12:32	67-66-3	
Chloromethane	<115	ug/kg	301	115	1	05/13/22 08:15	05/13/22 12:32	74-87-3	
2-Chlorotoluene	<97.7	ug/kg	301	97.7	1	05/13/22 08:15	05/13/22 12:32	95-49-8	
4-Chlorotoluene	<115	ug/kg	301	115	1	05/13/22 08:15	05/13/22 12:32	106-43-4	
1,2-Dibromo-3-chloropropane	<234	ug/kg	1510	234	1	05/13/22 08:15	05/13/22 12:32	96-12-8	
Dibromochloromethane	<1030	ug/kg	1510	1030	1	05/13/22 08:15	05/13/22 12:32	124-48-1	
1,2-Dibromoethane (EDB)	<82.6	ug/kg	301	82.6	1	05/13/22 08:15	05/13/22 12:32	106-93-4	
Dibromomethane	<89.2	ug/kg	301	89.2	1	05/13/22 08:15	05/13/22 12:32	74-95-3	
1,2-Dichlorobenzene	<93.4	ug/kg	301	93.4	1	05/13/22 08:15	05/13/22 12:32	95-50-1	
1,3-Dichlorobenzene	<82.6	ug/kg	301	82.6	1	05/13/22 08:15	05/13/22 12:32	541-73-1	
1,4-Dichlorobenzene	<82.6	ug/kg	301	82.6	1	05/13/22 08:15	05/13/22 12:32	106-46-7	
Dichlorodifluoromethane	<130	ug/kg	301	130	1	05/13/22 08:15	05/13/22 12:32	75-71-8	
1,1-Dichloroethane	<77.2	ug/kg	301	77.2	1	05/13/22 08:15	05/13/22 12:32	75-34-3	
1,2-Dichloroethane	<69.3	ug/kg	301	69.3	1	05/13/22 08:15	05/13/22 12:32	107-06-2	
1,1-Dichloroethene	<100	ug/kg	301	100	1	05/13/22 08:15	05/13/22 12:32	75-35-4	
cis-1,2-Dichloroethene	<64.5	ug/kg	301	64.5	1	05/13/22 08:15	05/13/22 12:32	156-59-2	
trans-1,2-Dichloroethene	<65.1	ug/kg	301	65.1	1	05/13/22 08:15	05/13/22 12:32	156-60-5	
1,2-Dichloropropane	<71.7	ug/kg	301	71.7	1	05/13/22 08:15	05/13/22 12:32	78-87-5	
1,3-Dichloropropane	<65.7	ug/kg	301	65.7	1	05/13/22 08:15	05/13/22 12:32	142-28-9	
2,2-Dichloropropane	<81.4	ug/kg	301	81.4	1	05/13/22 08:15	05/13/22 12:32	594-20-7	
1,1-Dichloropropene	<97.7	ug/kg	301	97.7	1	05/13/22 08:15	05/13/22 12:32	563-58-6	
cis-1,3-Dichloropropene	<199	ug/kg	1510	199	1	05/13/22 08:15	05/13/22 12:32	10061-01-5	
trans-1,3-Dichloropropene	<862	ug/kg	1510	862	1	05/13/22 08:15	05/13/22 12:32	10061-02-6	
Diisopropyl ether	<74.8	ug/kg	301	74.8	1	05/13/22 08:15	05/13/22 12:32	108-20-3	
Ethylbenzene	<71.7	ug/kg	301	71.7	1	05/13/22 08:15	05/13/22 12:32	100-41-4	
Hexachloro-1,3-butadiene	<599	ug/kg	1510	599	1	05/13/22 08:15	05/13/22 12:32	87-68-3	
Isopropylbenzene (Cumene)	<81.4	ug/kg	301	81.4	1	05/13/22 08:15	05/13/22 12:32	98-82-8	
p-Isopropyltoluene	<91.6	ug/kg	301	91.6	1	05/13/22 08:15	05/13/22 12:32	99-87-6	
Methylene Chloride	94.0J	ug/kg	301	83.8	1	05/13/22 08:15	05/13/22 12:32	75-09-2	B
Methyl-tert-butyl ether	<88.6	ug/kg	301	88.6	1	05/13/22 08:15	05/13/22 12:32	1634-04-4	
Naphthalene	<94.1	ug/kg	1510	94.1	1	05/13/22 08:15	05/13/22 12:32	91-20-3	
n-Propylbenzene	<72.3	ug/kg	301	72.3	1	05/13/22 08:15	05/13/22 12:32	103-65-1	

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ANALYTICAL RESULTS

Project: 6733 BAY CLEANERS

Pace Project No.: 40244705

Sample: **SED-1A** Lab ID: **40244705004** Collected: 05/09/22 00:00 Received: 05/11/22 07:20 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									
Styrene	<77.2	ug/kg	301	77.2	1	05/13/22 08:15	05/13/22 12:32	100-42-5	
1,1,1,2-Tetrachloroethane	<72.3	ug/kg	301	72.3	1	05/13/22 08:15	05/13/22 12:32	630-20-6	
1,1,2,2-Tetrachloroethane	<109	ug/kg	301	109	1	05/13/22 08:15	05/13/22 12:32	79-34-5	
Tetrachloroethene	<117	ug/kg	301	117	1	05/13/22 08:15	05/13/22 12:32	127-18-4	
Toluene	<76.0	ug/kg	301	76.0	1	05/13/22 08:15	05/13/22 12:32	108-88-3	
1,2,3-Trichlorobenzene	<336	ug/kg	1510	336	1	05/13/22 08:15	05/13/22 12:32	87-61-6	
1,2,4-Trichlorobenzene	<248	ug/kg	1510	248	1	05/13/22 08:15	05/13/22 12:32	120-82-1	
1,1,1-Trichloroethane	<77.2	ug/kg	301	77.2	1	05/13/22 08:15	05/13/22 12:32	71-55-6	
1,1,2-Trichloroethane	<110	ug/kg	301	110	1	05/13/22 08:15	05/13/22 12:32	79-00-5	
Trichloroethene	<113	ug/kg	301	113	1	05/13/22 08:15	05/13/22 12:32	79-01-6	
Trichlorofluoromethane	<87.4	ug/kg	301	87.4	1	05/13/22 08:15	05/13/22 12:32	75-69-4	
1,2,3-Trichloropropane	<147	ug/kg	301	147	1	05/13/22 08:15	05/13/22 12:32	96-18-4	
1,2,4-Trimethylbenzene	<89.8	ug/kg	301	89.8	1	05/13/22 08:15	05/13/22 12:32	95-63-6	
1,3,5-Trimethylbenzene	<97.1	ug/kg	301	97.1	1	05/13/22 08:15	05/13/22 12:32	108-67-8	
Vinyl chloride	<60.9	ug/kg	301	60.9	1	05/13/22 08:15	05/13/22 12:32	75-01-4	
m&p-Xylene	<127	ug/kg	603	127	1	05/13/22 08:15	05/13/22 12:32	179601-23-1	
o-Xylene	<90.4	ug/kg	301	90.4	1	05/13/22 08:15	05/13/22 12:32	95-47-6	
Surrogates									
Toluene-d8 (S)	167	%	69-153		1	05/13/22 08:15	05/13/22 12:32	2037-26-5	S3
4-Bromofluorobenzene (S)	168	%	68-156		1	05/13/22 08:15	05/13/22 12:32	460-00-4	S3
1,2-Dichlorobenzene-d4 (S)	171	%	71-161		1	05/13/22 08:15	05/13/22 12:32	2199-69-1	S3
Percent Moisture									
Analytical Method: ASTM D2974-87									
Pace Analytical Services - Green Bay									
Percent Moisture	71.5	%	0.10	0.10	1		05/12/22 11:02		

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ANALYTICAL RESULTS

Project: 6733 BAY CLEANERS
Pace Project No.: 40244705

Sample: SED-1B **Lab ID: 40244705005** Collected: 05/09/22 00:00 Received: 05/11/22 07:20 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									
Benzene	<31.0	ug/kg	52.0	31.0	1	05/13/22 08:15	05/13/22 12:53	71-43-2	
Bromobenzene	<50.7	ug/kg	130	50.7	1	05/13/22 08:15	05/13/22 12:53	108-86-1	
Bromochloromethane	<35.7	ug/kg	130	35.7	1	05/13/22 08:15	05/13/22 12:53	74-97-5	
Bromodichloromethane	<31.0	ug/kg	130	31.0	1	05/13/22 08:15	05/13/22 12:53	75-27-4	
Bromoform	<573	ug/kg	651	573	1	05/13/22 08:15	05/13/22 12:53	75-25-2	
Bromomethane	<182	ug/kg	651	182	1	05/13/22 08:15	05/13/22 12:53	74-83-9	
n-Butylbenzene	<59.6	ug/kg	130	59.6	1	05/13/22 08:15	05/13/22 12:53	104-51-8	
sec-Butylbenzene	<31.7	ug/kg	130	31.7	1	05/13/22 08:15	05/13/22 12:53	135-98-8	
tert-Butylbenzene	<40.9	ug/kg	130	40.9	1	05/13/22 08:15	05/13/22 12:53	98-06-6	
Carbon tetrachloride	<28.6	ug/kg	130	28.6	1	05/13/22 08:15	05/13/22 12:53	56-23-5	
Chlorobenzene	<15.6	ug/kg	130	15.6	1	05/13/22 08:15	05/13/22 12:53	108-90-7	
Chloroethane	<54.9	ug/kg	651	54.9	1	05/13/22 08:15	05/13/22 12:53	75-00-3	
Chloroform	<93.2	ug/kg	651	93.2	1	05/13/22 08:15	05/13/22 12:53	67-66-3	
Chloromethane	<49.4	ug/kg	130	49.4	1	05/13/22 08:15	05/13/22 12:53	74-87-3	
2-Chlorotoluene	<42.2	ug/kg	130	42.2	1	05/13/22 08:15	05/13/22 12:53	95-49-8	
4-Chlorotoluene	<49.4	ug/kg	130	49.4	1	05/13/22 08:15	05/13/22 12:53	106-43-4	
1,2-Dibromo-3-chloropropane	<101	ug/kg	651	101	1	05/13/22 08:15	05/13/22 12:53	96-12-8	
Dibromochloromethane	<445	ug/kg	651	445	1	05/13/22 08:15	05/13/22 12:53	124-48-1	
1,2-Dibromoethane (EDB)	<35.7	ug/kg	130	35.7	1	05/13/22 08:15	05/13/22 12:53	106-93-4	
Dibromomethane	<38.5	ug/kg	130	38.5	1	05/13/22 08:15	05/13/22 12:53	74-95-3	
1,2-Dichlorobenzene	<40.3	ug/kg	130	40.3	1	05/13/22 08:15	05/13/22 12:53	95-50-1	
1,3-Dichlorobenzene	<35.7	ug/kg	130	35.7	1	05/13/22 08:15	05/13/22 12:53	541-73-1	
1,4-Dichlorobenzene	<35.7	ug/kg	130	35.7	1	05/13/22 08:15	05/13/22 12:53	106-46-7	
Dichlorodifluoromethane	<55.9	ug/kg	130	55.9	1	05/13/22 08:15	05/13/22 12:53	75-71-8	
1,1-Dichloroethane	<33.3	ug/kg	130	33.3	1	05/13/22 08:15	05/13/22 12:53	75-34-3	
1,2-Dichloroethane	<29.9	ug/kg	130	29.9	1	05/13/22 08:15	05/13/22 12:53	107-06-2	
1,1-Dichloroethene	<43.2	ug/kg	130	43.2	1	05/13/22 08:15	05/13/22 12:53	75-35-4	
cis-1,2-Dichloroethene	<27.8	ug/kg	130	27.8	1	05/13/22 08:15	05/13/22 12:53	156-59-2	
trans-1,2-Dichloroethene	<28.1	ug/kg	130	28.1	1	05/13/22 08:15	05/13/22 12:53	156-60-5	
1,2-Dichloropropane	<31.0	ug/kg	130	31.0	1	05/13/22 08:15	05/13/22 12:53	78-87-5	
1,3-Dichloropropane	<28.4	ug/kg	130	28.4	1	05/13/22 08:15	05/13/22 12:53	142-28-9	
2,2-Dichloropropane	<35.1	ug/kg	130	35.1	1	05/13/22 08:15	05/13/22 12:53	594-20-7	
1,1-Dichloropropene	<42.2	ug/kg	130	42.2	1	05/13/22 08:15	05/13/22 12:53	563-58-6	
cis-1,3-Dichloropropene	<85.9	ug/kg	651	85.9	1	05/13/22 08:15	05/13/22 12:53	10061-01-5	
trans-1,3-Dichloropropene	<372	ug/kg	651	372	1	05/13/22 08:15	05/13/22 12:53	10061-02-6	
Diisopropyl ether	<32.3	ug/kg	130	32.3	1	05/13/22 08:15	05/13/22 12:53	108-20-3	
Ethylbenzene	<31.0	ug/kg	130	31.0	1	05/13/22 08:15	05/13/22 12:53	100-41-4	
Hexachloro-1,3-butadiene	<259	ug/kg	651	259	1	05/13/22 08:15	05/13/22 12:53	87-68-3	
Isopropylbenzene (Cumene)	<35.1	ug/kg	130	35.1	1	05/13/22 08:15	05/13/22 12:53	98-82-8	
p-Isopropyltoluene	<39.6	ug/kg	130	39.6	1	05/13/22 08:15	05/13/22 12:53	99-87-6	
Methylene Chloride	47.9J	ug/kg	130	36.2	1	05/13/22 08:15	05/13/22 12:53	75-09-2	B
Methyl-tert-butyl ether	<38.3	ug/kg	130	38.3	1	05/13/22 08:15	05/13/22 12:53	1634-04-4	
Naphthalene	<40.6	ug/kg	651	40.6	1	05/13/22 08:15	05/13/22 12:53	91-20-3	
n-Propylbenzene	<31.2	ug/kg	130	31.2	1	05/13/22 08:15	05/13/22 12:53	103-65-1	

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ANALYTICAL RESULTS

Project: 6733 BAY CLEANERS

Pace Project No.: 40244705

Sample: **SED-1B** Lab ID: **40244705005** Collected: 05/09/22 00:00 Received: 05/11/22 07:20 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									
Styrene	<33.3	ug/kg	130	33.3	1	05/13/22 08:15	05/13/22 12:53	100-42-5	
1,1,1,2-Tetrachloroethane	<31.2	ug/kg	130	31.2	1	05/13/22 08:15	05/13/22 12:53	630-20-6	
1,1,2,2-Tetrachloroethane	<47.1	ug/kg	130	47.1	1	05/13/22 08:15	05/13/22 12:53	79-34-5	
Tetrachloroethene	<50.5	ug/kg	130	50.5	1	05/13/22 08:15	05/13/22 12:53	127-18-4	
Toluene	<32.8	ug/kg	130	32.8	1	05/13/22 08:15	05/13/22 12:53	108-88-3	
1,2,3-Trichlorobenzene	<145	ug/kg	651	145	1	05/13/22 08:15	05/13/22 12:53	87-61-6	
1,2,4-Trichlorobenzene	<107	ug/kg	651	107	1	05/13/22 08:15	05/13/22 12:53	120-82-1	
1,1,1-Trichloroethane	<33.3	ug/kg	130	33.3	1	05/13/22 08:15	05/13/22 12:53	71-55-6	
1,1,2-Trichloroethane	<47.4	ug/kg	130	47.4	1	05/13/22 08:15	05/13/22 12:53	79-00-5	
Trichloroethene	<48.7	ug/kg	130	48.7	1	05/13/22 08:15	05/13/22 12:53	79-01-6	
Trichlorofluoromethane	<37.7	ug/kg	130	37.7	1	05/13/22 08:15	05/13/22 12:53	75-69-4	
1,2,3-Trichloropropane	<63.2	ug/kg	130	63.2	1	05/13/22 08:15	05/13/22 12:53	96-18-4	
1,2,4-Trimethylbenzene	<38.8	ug/kg	130	38.8	1	05/13/22 08:15	05/13/22 12:53	95-63-6	
1,3,5-Trimethylbenzene	<41.9	ug/kg	130	41.9	1	05/13/22 08:15	05/13/22 12:53	108-67-8	
Vinyl chloride	<26.3	ug/kg	130	26.3	1	05/13/22 08:15	05/13/22 12:53	75-01-4	
m&p-Xylene	<54.9	ug/kg	260	54.9	1	05/13/22 08:15	05/13/22 12:53	179601-23-1	
o-Xylene	<39.0	ug/kg	130	39.0	1	05/13/22 08:15	05/13/22 12:53	95-47-6	
Surrogates									
Toluene-d8 (S)	158	%	69-153		1	05/13/22 08:15	05/13/22 12:53	2037-26-5	S3
4-Bromofluorobenzene (S)	159	%	68-156		1	05/13/22 08:15	05/13/22 12:53	460-00-4	S3
1,2-Dichlorobenzene-d4 (S)	163	%	71-161		1	05/13/22 08:15	05/13/22 12:53	2199-69-1	S3
Percent Moisture									
Analytical Method: ASTM D2974-87									
Pace Analytical Services - Green Bay									
Percent Moisture	44.5	%	0.10	0.10	1		05/12/22 11:02		

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ANALYTICAL RESULTS

Project: 6733 BAY CLEANERS

Pace Project No.: 40244705

Sample: SED-DUP **Lab ID: 40244705006** Collected: 05/09/22 00:00 Received: 05/11/22 07:20 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									
Benzene	<87.3	ug/kg	147	87.3	1	05/13/22 08:15	05/13/22 13:13	71-43-2	
Bromobenzene	<143	ug/kg	367	143	1	05/13/22 08:15	05/13/22 13:13	108-86-1	
Bromochloromethane	<100	ug/kg	367	100	1	05/13/22 08:15	05/13/22 13:13	74-97-5	
Bromodichloromethane	<87.3	ug/kg	367	87.3	1	05/13/22 08:15	05/13/22 13:13	75-27-4	
Bromoform	<1610	ug/kg	1830	1610	1	05/13/22 08:15	05/13/22 13:13	75-25-2	
Bromomethane	<514	ug/kg	1830	514	1	05/13/22 08:15	05/13/22 13:13	74-83-9	
n-Butylbenzene	<168	ug/kg	367	168	1	05/13/22 08:15	05/13/22 13:13	104-51-8	
sec-Butylbenzene	<89.5	ug/kg	367	89.5	1	05/13/22 08:15	05/13/22 13:13	135-98-8	
tert-Butylbenzene	<115	ug/kg	367	115	1	05/13/22 08:15	05/13/22 13:13	98-06-6	
Carbon tetrachloride	<80.7	ug/kg	367	80.7	1	05/13/22 08:15	05/13/22 13:13	56-23-5	
Chlorobenzene	<43.9	ug/kg	367	43.9	1	05/13/22 08:15	05/13/22 13:13	108-90-7	
Chloroethane	<155	ug/kg	1830	155	1	05/13/22 08:15	05/13/22 13:13	75-00-3	
Chloroform	<263	ug/kg	1830	263	1	05/13/22 08:15	05/13/22 13:13	67-66-3	
Chloromethane	<139	ug/kg	367	139	1	05/13/22 08:15	05/13/22 13:13	74-87-3	
2-Chlorotoluene	<119	ug/kg	367	119	1	05/13/22 08:15	05/13/22 13:13	95-49-8	
4-Chlorotoluene	<139	ug/kg	367	139	1	05/13/22 08:15	05/13/22 13:13	106-43-4	
1,2-Dibromo-3-chloropropane	<285	ug/kg	1830	285	1	05/13/22 08:15	05/13/22 13:13	96-12-8	
Dibromochloromethane	<1250	ug/kg	1830	1250	1	05/13/22 08:15	05/13/22 13:13	124-48-1	
1,2-Dibromoethane (EDB)	<100	ug/kg	367	100	1	05/13/22 08:15	05/13/22 13:13	106-93-4	
Dibromomethane	<109	ug/kg	367	109	1	05/13/22 08:15	05/13/22 13:13	74-95-3	
1,2-Dichlorobenzene	<114	ug/kg	367	114	1	05/13/22 08:15	05/13/22 13:13	95-50-1	
1,3-Dichlorobenzene	<100	ug/kg	367	100	1	05/13/22 08:15	05/13/22 13:13	541-73-1	
1,4-Dichlorobenzene	<100	ug/kg	367	100	1	05/13/22 08:15	05/13/22 13:13	106-46-7	
Dichlorodifluoromethane	<158	ug/kg	367	158	1	05/13/22 08:15	05/13/22 13:13	75-71-8	
1,1-Dichloroethane	<93.9	ug/kg	367	93.9	1	05/13/22 08:15	05/13/22 13:13	75-34-3	
1,2-Dichloroethane	<84.4	ug/kg	367	84.4	1	05/13/22 08:15	05/13/22 13:13	107-06-2	
1,1-Dichloroethene	<122	ug/kg	367	122	1	05/13/22 08:15	05/13/22 13:13	75-35-4	
cis-1,2-Dichloroethene	<78.5	ug/kg	367	78.5	1	05/13/22 08:15	05/13/22 13:13	156-59-2	
trans-1,2-Dichloroethene	<79.2	ug/kg	367	79.2	1	05/13/22 08:15	05/13/22 13:13	156-60-5	
1,2-Dichloropropane	<87.3	ug/kg	367	87.3	1	05/13/22 08:15	05/13/22 13:13	78-87-5	
1,3-Dichloropropane	<80.0	ug/kg	367	80.0	1	05/13/22 08:15	05/13/22 13:13	142-28-9	
2,2-Dichloropropane	<99.0	ug/kg	367	99.0	1	05/13/22 08:15	05/13/22 13:13	594-20-7	
1,1-Dichloropropene	<119	ug/kg	367	119	1	05/13/22 08:15	05/13/22 13:13	563-58-6	
cis-1,3-Dichloropropene	<242	ug/kg	1830	242	1	05/13/22 08:15	05/13/22 13:13	10061-01-5	
trans-1,3-Dichloropropene	<1050	ug/kg	1830	1050	1	05/13/22 08:15	05/13/22 13:13	10061-02-6	
Diisopropyl ether	<91.0	ug/kg	367	91.0	1	05/13/22 08:15	05/13/22 13:13	108-20-3	
Ethylbenzene	<87.3	ug/kg	367	87.3	1	05/13/22 08:15	05/13/22 13:13	100-41-4	
Hexachloro-1,3-butadiene	<729	ug/kg	1830	729	1	05/13/22 08:15	05/13/22 13:13	87-68-3	
Isopropylbenzene (Cumene)	<99.0	ug/kg	367	99.0	1	05/13/22 08:15	05/13/22 13:13	98-82-8	
p-Isopropyltoluene	<111	ug/kg	367	111	1	05/13/22 08:15	05/13/22 13:13	99-87-6	
Methylene Chloride	123J	ug/kg	367	102	1	05/13/22 08:15	05/13/22 13:13	75-09-2	B
Methyl-tert-butyl ether	<108	ug/kg	367	108	1	05/13/22 08:15	05/13/22 13:13	1634-04-4	
Naphthalene	<114	ug/kg	1830	114	1	05/13/22 08:15	05/13/22 13:13	91-20-3	
n-Propylbenzene	<88.0	ug/kg	367	88.0	1	05/13/22 08:15	05/13/22 13:13	103-65-1	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 6733 BAY CLEANERS

Pace Project No.: 40244705

Sample: SED-DUP **Lab ID: 40244705006** Collected: 05/09/22 00:00 Received: 05/11/22 07:20 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									
Styrene	<93.9	ug/kg	367	93.9	1	05/13/22 08:15	05/13/22 13:13	100-42-5	
1,1,1,2-Tetrachloroethane	<88.0	ug/kg	367	88.0	1	05/13/22 08:15	05/13/22 13:13	630-20-6	
1,1,2,2-Tetrachloroethane	<133	ug/kg	367	133	1	05/13/22 08:15	05/13/22 13:13	79-34-5	
Tetrachloroethene	<142	ug/kg	367	142	1	05/13/22 08:15	05/13/22 13:13	127-18-4	
Toluene	<92.4	ug/kg	367	92.4	1	05/13/22 08:15	05/13/22 13:13	108-88-3	
1,2,3-Trichlorobenzene	<409	ug/kg	1830	409	1	05/13/22 08:15	05/13/22 13:13	87-61-6	
1,2,4-Trichlorobenzene	<302	ug/kg	1830	302	1	05/13/22 08:15	05/13/22 13:13	120-82-1	
1,1,1-Trichloroethane	<93.9	ug/kg	367	93.9	1	05/13/22 08:15	05/13/22 13:13	71-55-6	
1,1,2-Trichloroethane	<134	ug/kg	367	134	1	05/13/22 08:15	05/13/22 13:13	79-00-5	
Trichloroethene	<137	ug/kg	367	137	1	05/13/22 08:15	05/13/22 13:13	79-01-6	
Trichlorofluoromethane	<106	ug/kg	367	106	1	05/13/22 08:15	05/13/22 13:13	75-69-4	
1,2,3-Trichloropropane	<178	ug/kg	367	178	1	05/13/22 08:15	05/13/22 13:13	96-18-4	
1,2,4-Trimethylbenzene	<109	ug/kg	367	109	1	05/13/22 08:15	05/13/22 13:13	95-63-6	
1,3,5-Trimethylbenzene	<118	ug/kg	367	118	1	05/13/22 08:15	05/13/22 13:13	108-67-8	
Vinyl chloride	<74.1	ug/kg	367	74.1	1	05/13/22 08:15	05/13/22 13:13	75-01-4	
m&p-Xylene	<155	ug/kg	734	155	1	05/13/22 08:15	05/13/22 13:13	179601-23-1	
o-Xylene	<110	ug/kg	367	110	1	05/13/22 08:15	05/13/22 13:13	95-47-6	
Surrogates									
Toluene-d8 (S)	198	%	69-153		1	05/13/22 08:15	05/13/22 13:13	2037-26-5	S3
4-Bromofluorobenzene (S)	195	%	68-156		1	05/13/22 08:15	05/13/22 13:13	460-00-4	S3
1,2-Dichlorobenzene-d4 (S)	203	%	71-161		1	05/13/22 08:15	05/13/22 13:13	2199-69-1	S3
Percent Moisture									
Analytical Method: ASTM D2974-87									
Pace Analytical Services - Green Bay									
Percent Moisture	76.0	%	0.10	0.10	1		05/12/22 11:02		

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 6733 BAY CLEANERS
Pace Project No.: 40244705

QC Batch: 415689 Analysis Method: EPA 8260
QC Batch Method: EPA 5035/5030B Analysis Description: 8260 MSV Med Level Normal List
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40244705004, 40244705005, 40244705006

METHOD BLANK: 2393227 Matrix: Solid
Associated Lab Samples: 40244705004, 40244705005, 40244705006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	<12.0	50.0	05/13/22 08:50	
1,1,1-Trichloroethane	ug/kg	<12.8	50.0	05/13/22 08:50	
1,1,2,2-Tetrachloroethane	ug/kg	<18.1	50.0	05/13/22 08:50	
1,1,2-Trichloroethane	ug/kg	<18.2	50.0	05/13/22 08:50	
1,1-Dichloroethane	ug/kg	<12.8	50.0	05/13/22 08:50	
1,1-Dichloroethene	ug/kg	<16.6	50.0	05/13/22 08:50	
1,1-Dichloropropene	ug/kg	<16.2	50.0	05/13/22 08:50	
1,2,3-Trichlorobenzene	ug/kg	<55.7	250	05/13/22 08:50	
1,2,3-Trichloropropane	ug/kg	<24.3	50.0	05/13/22 08:50	
1,2,4-Trichlorobenzene	ug/kg	<41.2	250	05/13/22 08:50	
1,2,4-Trimethylbenzene	ug/kg	<14.9	50.0	05/13/22 08:50	
1,2-Dibromo-3-chloropropane	ug/kg	<38.8	250	05/13/22 08:50	
1,2-Dibromoethane (EDB)	ug/kg	<13.7	50.0	05/13/22 08:50	
1,2-Dichlorobenzene	ug/kg	<15.5	50.0	05/13/22 08:50	
1,2-Dichloroethane	ug/kg	<11.5	50.0	05/13/22 08:50	
1,2-Dichloropropane	ug/kg	<11.9	50.0	05/13/22 08:50	
1,3,5-Trimethylbenzene	ug/kg	<16.1	50.0	05/13/22 08:50	
1,3-Dichlorobenzene	ug/kg	<13.7	50.0	05/13/22 08:50	
1,3-Dichloropropane	ug/kg	<10.9	50.0	05/13/22 08:50	
1,4-Dichlorobenzene	ug/kg	<13.7	50.0	05/13/22 08:50	
2,2-Dichloropropane	ug/kg	<13.5	50.0	05/13/22 08:50	
2-Chlorotoluene	ug/kg	<16.2	50.0	05/13/22 08:50	
4-Chlorotoluene	ug/kg	<19.0	50.0	05/13/22 08:50	
Benzene	ug/kg	<11.9	20.0	05/13/22 08:50	
Bromobenzene	ug/kg	<19.5	50.0	05/13/22 08:50	
Bromochloromethane	ug/kg	<13.7	50.0	05/13/22 08:50	
Bromodichloromethane	ug/kg	<11.9	50.0	05/13/22 08:50	
Bromoform	ug/kg	<220	250	05/13/22 08:50	
Bromomethane	ug/kg	<70.1	250	05/13/22 08:50	
Carbon tetrachloride	ug/kg	<11.0	50.0	05/13/22 08:50	
Chlorobenzene	ug/kg	<6.0	50.0	05/13/22 08:50	
Chloroethane	ug/kg	<21.1	250	05/13/22 08:50	
Chloroform	ug/kg	<35.8	250	05/13/22 08:50	
Chloromethane	ug/kg	<19.0	50.0	05/13/22 08:50	
cis-1,2-Dichloroethene	ug/kg	<10.7	50.0	05/13/22 08:50	
cis-1,3-Dichloropropene	ug/kg	<33.0	250	05/13/22 08:50	
Dibromochloromethane	ug/kg	<171	250	05/13/22 08:50	
Dibromomethane	ug/kg	<14.8	50.0	05/13/22 08:50	
Dichlorodifluoromethane	ug/kg	<21.5	50.0	05/13/22 08:50	
Diisopropyl ether	ug/kg	<12.4	50.0	05/13/22 08:50	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 6733 BAY CLEANERS

Pace Project No.: 40244705

METHOD BLANK: 2393227

Matrix: Solid

Associated Lab Samples: 40244705004, 40244705005, 40244705006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethylbenzene	ug/kg	<11.9	50.0	05/13/22 08:50	
Hexachloro-1,3-butadiene	ug/kg	<99.4	250	05/13/22 08:50	
Isopropylbenzene (Cumene)	ug/kg	<13.5	50.0	05/13/22 08:50	
m&p-Xylene	ug/kg	<21.1	100	05/13/22 08:50	
Methyl-tert-butyl ether	ug/kg	<14.7	50.0	05/13/22 08:50	
Methylene Chloride	ug/kg	23.3J	50.0	05/13/22 08:50	
n-Butylbenzene	ug/kg	<22.9	50.0	05/13/22 08:50	
n-Propylbenzene	ug/kg	<12.0	50.0	05/13/22 08:50	
Naphthalene	ug/kg	<15.6	250	05/13/22 08:50	
o-Xylene	ug/kg	<15.0	50.0	05/13/22 08:50	
p-Isopropyltoluene	ug/kg	<15.2	50.0	05/13/22 08:50	
sec-Butylbenzene	ug/kg	<12.2	50.0	05/13/22 08:50	
Styrene	ug/kg	<12.8	50.0	05/13/22 08:50	
tert-Butylbenzene	ug/kg	<15.7	50.0	05/13/22 08:50	
Tetrachloroethene	ug/kg	<19.4	50.0	05/13/22 08:50	
Toluene	ug/kg	<12.6	50.0	05/13/22 08:50	
trans-1,2-Dichloroethene	ug/kg	<10.8	50.0	05/13/22 08:50	
trans-1,3-Dichloropropene	ug/kg	<143	250	05/13/22 08:50	
Trichloroethene	ug/kg	<18.7	50.0	05/13/22 08:50	
Trichlorofluoromethane	ug/kg	<14.5	50.0	05/13/22 08:50	
Vinyl chloride	ug/kg	<10.1	50.0	05/13/22 08:50	
1,2-Dichlorobenzene-d4 (S)	%	106	71-161	05/13/22 08:50	
4-Bromofluorobenzene (S)	%	103	68-156	05/13/22 08:50	
Toluene-d8 (S)	%	104	69-153	05/13/22 08:50	

LABORATORY CONTROL SAMPLE: 2393228

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/kg	2500	2310	92	70-130	
1,1,2,2-Tetrachloroethane	ug/kg	2500	2410	96	70-130	
1,1,2-Trichloroethane	ug/kg	2500	2270	91	70-130	
1,1-Dichloroethane	ug/kg	2500	2190	88	70-130	
1,1-Dichloroethene	ug/kg	2500	2260	90	77-120	
1,2,4-Trichlorobenzene	ug/kg	2500	1960	78	67-130	
1,2-Dibromo-3-chloropropane	ug/kg	2500	2350	94	70-130	
1,2-Dibromoethane (EDB)	ug/kg	2500	2180	87	70-130	
1,2-Dichlorobenzene	ug/kg	2500	2180	87	70-130	
1,2-Dichloroethane	ug/kg	2500	2450	98	70-130	
1,2-Dichloropropane	ug/kg	2500	2130	85	80-123	
1,3-Dichlorobenzene	ug/kg	2500	2070	83	70-130	
1,4-Dichlorobenzene	ug/kg	2500	2100	84	70-130	
Benzene	ug/kg	2500	2150	86	70-130	
Bromodichloromethane	ug/kg	2500	2210	88	70-130	
Bromoform	ug/kg	2500	1940	77	60-130	

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QUALITY CONTROL DATA

Project: 6733 BAY CLEANERS
Pace Project No.: 40244705

LABORATORY CONTROL SAMPLE: 2393228

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Bromomethane	ug/kg	2500	1960	79	45-153	
Carbon tetrachloride	ug/kg	2500	2410	97	70-130	
Chlorobenzene	ug/kg	2500	2170	87	70-130	
Chloroethane	ug/kg	2500	1990	79	55-160	
Chloroform	ug/kg	2500	2280	91	80-120	
Chloromethane	ug/kg	2500	2340	94	47-130	
cis-1,2-Dichloroethene	ug/kg	2500	2110	84	70-130	
cis-1,3-Dichloropropene	ug/kg	2500	2160	87	70-130	
Dibromochloromethane	ug/kg	2500	2310	92	70-130	
Dichlorodifluoromethane	ug/kg	2500	2080	83	16-83	
Ethylbenzene	ug/kg	2500	2090	84	80-120	
Isopropylbenzene (Cumene)	ug/kg	2500	2010	80	70-130	
m&p-Xylene	ug/kg	5000	4070	81	70-130	
Methyl-tert-butyl ether	ug/kg	2500	2370	95	65-130	
Methylene Chloride	ug/kg	2500	2290	92	70-130	
o-Xylene	ug/kg	2500	2070	83	70-130	
Styrene	ug/kg	2500	2120	85	70-130	
Tetrachloroethene	ug/kg	2500	2200	88	70-130	
Toluene	ug/kg	2500	2150	86	80-120	
trans-1,2-Dichloroethene	ug/kg	2500	2320	93	70-130	
trans-1,3-Dichloropropene	ug/kg	2500	2190	88	70-130	
Trichloroethene	ug/kg	2500	2190	88	70-130	
Trichlorofluoromethane	ug/kg	2500	2100	84	70-130	
Vinyl chloride	ug/kg	2500	2180	87	59-114	
1,2-Dichlorobenzene-d4 (S)	%			93	71-161	
4-Bromofluorobenzene (S)	%			93	68-156	
Toluene-d8 (S)	%			92	69-153	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2393229 2393230

Parameter	Units	MS		MSD		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40244807001 Result	Spike Conc.	Spike Conc.	Conc.								
1,1,1-Trichloroethane	ug/kg	<13.5	1060	1060	1060	1030	953	98	90	69-130	8	20	
1,1,2,2-Tetrachloroethane	ug/kg	<19.1	1060	1060	1060	1260	1230	120	117	70-130	2	20	
1,1,2-Trichloroethane	ug/kg	<19.2	1060	1060	1060	1100	1100	105	105	70-130	0	20	
1,1-Dichloroethane	ug/kg	<13.5	1060	1060	1060	1020	984	97	93	70-130	4	20	
1,1-Dichloroethene	ug/kg	<17.5	1060	1060	1060	864	792	82	75	55-120	9	22	
1,2,4-Trichlorobenzene	ug/kg	<43.4	1060	1060	1060	1090	1030	103	98	67-130	5	20	
1,2-Dibromo-3-chloropropane	ug/kg	<40.9	1060	1060	1060	1230	1230	117	117	70-130	0	22	
1,2-Dibromoethane (EDB)	ug/kg	<14.4	1060	1060	1060	1110	1090	105	104	70-130	1	20	
1,2-Dichlorobenzene	ug/kg	<16.3	1060	1060	1060	1150	1110	109	106	70-130	3	20	
1,2-Dichloroethane	ug/kg	<12.1	1060	1060	1060	1240	1200	118	114	70-130	3	20	
1,2-Dichloropropane	ug/kg	<12.5	1060	1060	1060	1050	1000	99	95	80-123	5	20	
1,3-Dichlorobenzene	ug/kg	<14.4	1060	1060	1060	1070	1020	102	97	70-130	5	20	

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QUALITY CONTROL DATA

Project: 6733 BAY CLEANERS

Pace Project No.: 40244705

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2393229 2393230												
Parameter	Units	MS		MSD		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	Qual
		40244807001 Result	Spike Conc.	Spike Conc.	MS Result							
1,4-Dichlorobenzene	ug/kg	<14.4	1060	1060	1120	1060	106	101	70-130	5	20	
Benzene	ug/kg	<12.5	1060	1060	992	974	94	92	70-130	2	20	
Bromodichloromethane	ug/kg	<12.5	1060	1060	1100	1080	104	102	70-130	2	20	
Bromoform	ug/kg	<232	1060	1060	1060	1030	100	98	60-130	2	20	
Bromomethane	ug/kg	<73.9	1060	1060	748	748	71	71	38-153	0	20	
Carbon tetrachloride	ug/kg	<11.6	1060	1060	1040	977	99	93	62-130	6	20	
Chlorobenzene	ug/kg	<6.3	1060	1060	1080	1050	103	100	70-130	3	20	
Chloroethane	ug/kg	<22.2	1060	1060	732	731	69	69	53-160	0	24	
Chloroform	ug/kg	<37.7	1060	1060	1100	1080	104	102	80-120	2	20	
Chloromethane	ug/kg	<20.0	1060	1060	668	639	63	61	10-130	4	20	
cis-1,2-Dichloroethene	ug/kg	<11.3	1060	1060	1050	987	99	94	70-130	6	20	
cis-1,3-Dichloropropene	ug/kg	<34.8	1060	1060	1030	984	97	93	70-130	4	20	
Dibromochloromethane	ug/kg	<180	1060	1060	1120	1090	106	104	70-130	2	20	
Dichlorodifluoromethane	ug/kg	<22.7	1060	1060	311	285	30	27	10-83	9	31	
Ethylbenzene	ug/kg	<12.5	1060	1060	979	920	93	87	80-120	6	20	
Isopropylbenzene (Cumene)	ug/kg	<14.2	1060	1060	924	872	88	83	70-130	6	20	
m&p-Xylene	ug/kg	<22.2	2110	2110	1940	1880	92	89	70-130	3	20	
Methyl-tert-butyl ether	ug/kg	<15.5	1060	1060	1120	1110	106	106	66-130	0	20	
Methylene Chloride	ug/kg	21.4J	1060	1060	1110	1060	103	99	70-130	4	20	
o-Xylene	ug/kg	<15.8	1060	1060	978	957	93	91	70-130	2	20	
Styrene	ug/kg	<13.5	1060	1060	1020	977	97	93	70-130	5	20	
Tetrachloroethene	ug/kg	<20.4	1060	1060	981	952	93	90	69-130	3	20	
Toluene	ug/kg	<13.3	1060	1060	1030	989	98	94	79-120	4	20	
trans-1,2-Dichloroethene	ug/kg	<11.4	1060	1060	998	952	95	90	70-130	5	20	
trans-1,3-Dichloropropene	ug/kg	<151	1060	1060	1080	1010	102	95	69-130	7	20	
Trichloroethene	ug/kg	<19.7	1060	1060	1000	985	95	93	70-130	2	20	
Trichlorofluoromethane	ug/kg	<15.3	1060	1060	771	768	73	73	50-130	0	22	
Vinyl chloride	ug/kg	<10.6	1060	1060	647	649	61	62	26-114	0	20	
1,2-Dichlorobenzene-d4 (S)	%						110	112	71-161			
4-Bromofluorobenzene (S)	%						111	113	68-156			
Toluene-d8 (S)	%						108	109	69-153			

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 6733 BAY CLEANERS
Pace Project No.: 40244705

QC Batch: 415747 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40244705001, 40244705002, 40244705003

METHOD BLANK: 2393959 Matrix: Water
Associated Lab Samples: 40244705001, 40244705002, 40244705003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<0.36	1.0	05/18/22 17:10	
1,1,1-Trichloroethane	ug/L	<0.30	1.0	05/18/22 17:10	
1,1,2,2-Tetrachloroethane	ug/L	<0.38	1.0	05/18/22 17:10	
1,1,2-Trichloroethane	ug/L	<0.34	5.0	05/18/22 17:10	
1,1-Dichloroethane	ug/L	<0.30	1.0	05/18/22 17:10	
1,1-Dichloroethene	ug/L	<0.58	1.0	05/18/22 17:10	
1,1-Dichloropropene	ug/L	<0.41	1.0	05/18/22 17:10	
1,2,3-Trichlorobenzene	ug/L	<1.0	5.0	05/18/22 17:10	
1,2,3-Trichloropropane	ug/L	<0.56	5.0	05/18/22 17:10	
1,2,4-Trichlorobenzene	ug/L	<0.95	5.0	05/18/22 17:10	
1,2,4-Trimethylbenzene	ug/L	<0.45	1.0	05/18/22 17:10	
1,2-Dibromo-3-chloropropane	ug/L	<2.4	5.0	05/18/22 17:10	
1,2-Dibromoethane (EDB)	ug/L	<0.31	1.0	05/18/22 17:10	
1,2-Dichlorobenzene	ug/L	<0.33	1.0	05/18/22 17:10	
1,2-Dichloroethane	ug/L	<0.29	1.0	05/18/22 17:10	
1,2-Dichloropropane	ug/L	<0.45	1.0	05/18/22 17:10	
1,3,5-Trimethylbenzene	ug/L	<0.36	1.0	05/18/22 17:10	
1,3-Dichlorobenzene	ug/L	<0.35	1.0	05/18/22 17:10	
1,3-Dichloropropane	ug/L	<0.30	1.0	05/18/22 17:10	
1,4-Dichlorobenzene	ug/L	<0.89	1.0	05/18/22 17:10	
2,2-Dichloropropane	ug/L	<4.2	5.0	05/18/22 17:10	
2-Chlorotoluene	ug/L	<0.89	5.0	05/18/22 17:10	
4-Chlorotoluene	ug/L	<0.89	5.0	05/18/22 17:10	
Benzene	ug/L	<0.30	1.0	05/18/22 17:10	
Bromobenzene	ug/L	<0.36	1.0	05/18/22 17:10	
Bromochloromethane	ug/L	<0.36	5.0	05/18/22 17:10	
Bromodichloromethane	ug/L	<0.42	1.0	05/18/22 17:10	
Bromoform	ug/L	<3.8	5.0	05/18/22 17:10	
Bromomethane	ug/L	<1.2	5.0	05/18/22 17:10	
Carbon tetrachloride	ug/L	<0.37	1.0	05/18/22 17:10	
Chlorobenzene	ug/L	<0.86	1.0	05/18/22 17:10	
Chloroethane	ug/L	<1.4	5.0	05/18/22 17:10	
Chloroform	ug/L	<1.2	5.0	05/18/22 17:10	
Chloromethane	ug/L	<1.6	5.0	05/18/22 17:10	
cis-1,2-Dichloroethene	ug/L	<0.47	1.0	05/18/22 17:10	
cis-1,3-Dichloropropene	ug/L	<0.36	1.0	05/18/22 17:10	
Dibromochloromethane	ug/L	<2.6	5.0	05/18/22 17:10	
Dibromomethane	ug/L	<0.99	5.0	05/18/22 17:10	
Dichlorodifluoromethane	ug/L	<0.46	5.0	05/18/22 17:10	
Diisopropyl ether	ug/L	<1.1	5.0	05/18/22 17:10	

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QUALITY CONTROL DATA

Project: 6733 BAY CLEANERS
Pace Project No.: 40244705

METHOD BLANK: 2393959 Matrix: Water
Associated Lab Samples: 40244705001, 40244705002, 40244705003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethylbenzene	ug/L	<0.33	1.0	05/18/22 17:10	
Hexachloro-1,3-butadiene	ug/L	<2.7	5.0	05/18/22 17:10	
Isopropylbenzene (Cumene)	ug/L	<1.0	5.0	05/18/22 17:10	
m&p-Xylene	ug/L	<0.70	2.0	05/18/22 17:10	
Methyl-tert-butyl ether	ug/L	<1.1	5.0	05/18/22 17:10	
Methylene Chloride	ug/L	<0.32	5.0	05/18/22 17:10	
n-Butylbenzene	ug/L	<0.86	1.0	05/18/22 17:10	
n-Propylbenzene	ug/L	<0.35	1.0	05/18/22 17:10	
Naphthalene	ug/L	<1.1	5.0	05/18/22 17:10	
o-Xylene	ug/L	<0.35	1.0	05/18/22 17:10	
p-Isopropyltoluene	ug/L	<1.0	5.0	05/18/22 17:10	
sec-Butylbenzene	ug/L	<0.42	1.0	05/18/22 17:10	
Styrene	ug/L	<0.36	1.0	05/18/22 17:10	
tert-Butylbenzene	ug/L	<0.59	1.0	05/18/22 17:10	
Tetrachloroethene	ug/L	<0.41	1.0	05/18/22 17:10	
Toluene	ug/L	<0.29	1.0	05/18/22 17:10	
trans-1,2-Dichloroethene	ug/L	<0.53	1.0	05/18/22 17:10	
trans-1,3-Dichloropropene	ug/L	<3.5	5.0	05/18/22 17:10	
Trichloroethene	ug/L	<0.32	1.0	05/18/22 17:10	
Trichlorofluoromethane	ug/L	<0.42	1.0	05/18/22 17:10	
Vinyl chloride	ug/L	<0.17	1.0	05/18/22 17:10	
1,2-Dichlorobenzene-d4 (S)	%	107	70-130	05/18/22 17:10	
4-Bromofluorobenzene (S)	%	109	70-130	05/18/22 17:10	
Toluene-d8 (S)	%	102	70-130	05/18/22 17:10	

LABORATORY CONTROL SAMPLE: 2393960

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	52.6	105	70-134	
1,1,2,2-Tetrachloroethane	ug/L	50	66.1	132	69-130	L1
1,1,2-Trichloroethane	ug/L	50	57.4	115	70-130	
1,1-Dichloroethane	ug/L	50	54.4	109	70-130	
1,1-Dichloroethene	ug/L	50	47.1	94	74-131	
1,2,4-Trichlorobenzene	ug/L	50	50.5	101	68-130	
1,2-Dibromo-3-chloropropane	ug/L	50	57.9	116	64-137	
1,2-Dibromoethane (EDB)	ug/L	50	53.2	106	70-130	
1,2-Dichlorobenzene	ug/L	50	55.9	112	70-130	
1,2-Dichloroethane	ug/L	50	58.0	116	70-137	
1,2-Dichloropropane	ug/L	50	57.3	115	80-121	
1,3-Dichlorobenzene	ug/L	50	54.3	109	70-130	
1,4-Dichlorobenzene	ug/L	50	51.9	104	70-130	
Benzene	ug/L	50	53.4	107	70-130	
Bromodichloromethane	ug/L	50	55.4	111	70-130	
Bromoform	ug/L	50	48.4	97	70-130	

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QUALITY CONTROL DATA

Project: 6733 BAY CLEANERS
Pace Project No.: 40244705

LABORATORY CONTROL SAMPLE: 2393960

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Bromomethane	ug/L	50	34.4	69	21-147	
Carbon tetrachloride	ug/L	50	48.6	97	80-146	
Chlorobenzene	ug/L	50	54.5	109	70-130	
Chloroethane	ug/L	50	48.4	97	52-165	
Chloroform	ug/L	50	55.0	110	80-123	
Chloromethane	ug/L	50	30.8	62	51-122	
cis-1,2-Dichloroethene	ug/L	50	45.0	90	70-130	
cis-1,3-Dichloropropene	ug/L	50	50.8	102	70-130	
Dibromochloromethane	ug/L	50	46.3	93	70-130	
Dichlorodifluoromethane	ug/L	50	8.7	17	25-121 L2	
Ethylbenzene	ug/L	50	55.5	111	80-120	
Isopropylbenzene (Cumene)	ug/L	50	55.3	111	70-130	
m&p-Xylene	ug/L	100	107	107	70-130	
Methyl-tert-butyl ether	ug/L	50	47.5	95	70-130	
Methylene Chloride	ug/L	50	53.1	106	70-130	
o-Xylene	ug/L	50	52.8	106	70-130	
Styrene	ug/L	50	56.2	112	70-130	
Tetrachloroethene	ug/L	50	49.3	99	70-130	
Toluene	ug/L	50	53.1	106	80-120	
trans-1,2-Dichloroethene	ug/L	50	48.6	97	70-130	
trans-1,3-Dichloropropene	ug/L	50	44.9	90	70-130	
Trichloroethene	ug/L	50	54.7	109	70-130	
Trichlorofluoromethane	ug/L	50	44.6	89	65-160	
Vinyl chloride	ug/L	50	33.7	67	63-134	
1,2-Dichlorobenzene-d4 (S)	%			103	70-130	
4-Bromofluorobenzene (S)	%			111	70-130	
Toluene-d8 (S)	%			101	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2393961 2393962

Parameter	Units	MS		MSD		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40244896006	Spike Conc.	Spike Conc.	Result								
1,1,1-Trichloroethane	ug/L	<0.30	50	50	52.7	52.4	105	105	70-134	1	20		
1,1,2,2-Tetrachloroethane	ug/L	<0.38	50	50	64.7	65.3	129	131	61-135	1	20		
1,1,2-Trichloroethane	ug/L	<0.34	50	50	57.5	55.4	115	111	70-130	4	20		
1,1-Dichloroethane	ug/L	<0.30	50	50	55.0	54.2	110	108	70-130	1	20		
1,1-Dichloroethene	ug/L	<0.58	50	50	47.8	50.1	96	100	71-130	5	20		
1,2,4-Trichlorobenzene	ug/L	<0.95	50	50	59.0	58.2	118	116	68-131	1	20		
1,2-Dibromo-3-chloropropane	ug/L	<2.4	50	50	67.7	68.5	135	137	51-141	1	20		
1,2-Dibromoethane (EDB)	ug/L	<0.31	50	50	55.3	54.1	111	108	70-130	2	20		
1,2-Dichlorobenzene	ug/L	<0.33	50	50	57.7	56.6	115	113	70-130	2	20		
1,2-Dichloroethane	ug/L	<0.29	50	50	57.1	56.2	114	112	70-137	2	20		
1,2-Dichloropropane	ug/L	<0.45	50	50	57.0	56.4	114	113	80-121	1	20		
1,3-Dichlorobenzene	ug/L	<0.35	50	50	54.7	55.4	109	111	70-130	1	20		

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QUALITY CONTROL DATA

Project: 6733 BAY CLEANERS

Pace Project No.: 40244705

Parameter	Units	MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2393961		2393962		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	RPD	Qual
		40244896006 Result	MS Spike Conc.	MSD Spike Conc.	MS Result								
1,4-Dichlorobenzene	ug/L	<0.89	50	50	52.8	52.6	106	105	70-130	0	20		
Benzene	ug/L	<0.30	50	50	53.3	53.5	107	107	70-130	0	20		
Bromodichloromethane	ug/L	<0.42	50	50	56.0	53.9	112	108	70-130	4	20		
Bromoform	ug/L	<3.8	50	50	50.1	46.1	100	92	70-133	8	20		
Bromomethane	ug/L	<1.2	50	50	35.3	36.2	71	72	21-149	2	22		
Carbon tetrachloride	ug/L	<0.37	50	50	49.4	48.4	99	97	80-146	2	20		
Chlorobenzene	ug/L	<0.86	50	50	55.7	54.1	111	108	70-130	3	20		
Chloroethane	ug/L	<1.4	50	50	50.2	53.6	100	107	52-165	7	20		
Chloroform	ug/L	<1.2	50	50	54.8	54.0	110	108	80-123	1	20		
Chloromethane	ug/L	<1.6	50	50	30.0	29.8	60	60	42-125	1	20		
cis-1,2-Dichloroethene	ug/L	<0.47	50	50	47.4	46.8	95	94	70-130	1	20		
cis-1,3-Dichloropropene	ug/L	<0.36	50	50	51.2	51.2	102	102	70-130	0	20		
Dibromochloromethane	ug/L	<2.6	50	50	45.7	45.3	91	91	70-130	1	20		
Dichlorodifluoromethane	ug/L	<0.46	50	50	8.7	9.0	17	18	25-121	3	20	MO	
Ethylbenzene	ug/L	<0.33	50	50	56.6	55.5	113	111	80-121	2	20		
Isopropylbenzene (Cumene)	ug/L	2.1J	50	50	59.6	58.8	115	113	70-130	1	20		
m&p-Xylene	ug/L	<0.70	100	100	110	110	110	110	70-130	0	20		
Methyl-tert-butyl ether	ug/L	<1.1	50	50	46.3	47.3	93	95	70-130	2	20		
Methylene Chloride	ug/L	<0.32	50	50	55.4	55.7	111	111	70-130	1	20		
o-Xylene	ug/L	<0.35	50	50	53.3	53.7	107	107	70-130	1	20		
Styrene	ug/L	<0.36	50	50	57.7	56.7	115	113	70-132	2	20		
Tetrachloroethene	ug/L	<0.41	50	50	50.8	50.0	102	100	70-130	2	20		
Toluene	ug/L	<0.29	50	50	54.4	53.3	109	107	80-120	2	20		
trans-1,2-Dichloroethene	ug/L	<0.53	50	50	47.0	48.9	94	98	70-130	4	20		
trans-1,3-Dichloropropene	ug/L	<3.5	50	50	44.8	45.6	90	91	70-130	2	20		
Trichloroethene	ug/L	<0.32	50	50	53.3	53.3	107	107	70-130	0	20		
Trichlorofluoromethane	ug/L	<0.42	50	50	44.4	46.1	89	92	65-160	4	20		
Vinyl chloride	ug/L	<0.17	50	50	34.7	35.1	69	70	60-137	1	20		
1,2-Dichlorobenzene-d4 (S)	%						106	105	70-130				
4-Bromofluorobenzene (S)	%						110	108	70-130				
Toluene-d8 (S)	%						103	102	70-130				

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QUALITY CONTROL DATA

Project: 6733 BAY CLEANERS

Pace Project No.: 40244705

QC Batch:	415577	Analysis Method:	ASTM D2974-87
QC Batch Method:	ASTM D2974-87	Analysis Description:	Dry Weight/Percent Moisture
		Laboratory:	Pace Analytical Services - Green Bay

Associated Lab Samples: 40244705004, 40244705005, 40244705006

SAMPLE DUPLICATE: 2392468

Parameter	Units	40244640006 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	23.5	22.9	3	10	

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QUALIFIERS

Project: 6733 BAY CLEANERS

Pace Project No.: 40244705

DEFINITIONS

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

ND - Not Detected at or above LOD.

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

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

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

S - Surrogate

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

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

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

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

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

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

B Analyte was detected in the associated method blank.

L1 Analyte recovery in the laboratory control sample (LCS) was above QC limits. Results may be biased high.

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.

S3 Surrogate recovery exceeded laboratory control limits. Analyte presence below reporting limits in associated sample.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 6733 BAY CLEANERS

Pace Project No.: 40244705

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40244705004	SED-1A	EPA 5035/5030B	415689	EPA 8260	415693
40244705005	SED-1B	EPA 5035/5030B	415689	EPA 8260	415693
40244705006	SED-DUP	EPA 5035/5030B	415689	EPA 8260	415693
40244705001	MW-2	EPA 8260	415747		
40244705002	SD-4	EPA 8260	415747		
40244705003	POND	EPA 8260	415747		
40244705004	SED-1A	ASTM D2974-87	415577		
40244705005	SED-1B	ASTM D2974-87	415577		
40244705006	SED-DUP	ASTM D2974-87	415577		

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(Please Print Clearly)

Company Name: Mossing Env.
 Branch/Location: Fredonia
 Project Contact: Dave Lennon
 Phone: 262-692-3345
 Project Number: 6733
 Project Name: Bay Cleaners
 Project State: WI
 Sampled By (Print): Dave Lennon
 Sampled By (Sign): Dave Lennon



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

40244705

CHAIN OF CUSTODY

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

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

Y/N	N	N	N															
Pick Letter	B	F	A															
Analyses Requested	VOC	VOC	Dry wt															

Quote #: _____
 Mail To Contact: _____
 Mail To Company: Mossing Env.
 Mail To Address: 766 Tower Dr. Fredonia, WI 53021
 Invoice To Contact: _____
 Invoice To Company: AS
 Invoice To Address: Above
 Invoice To Phone: _____
 CLIENT COMMENTS: _____
 LAB COMMENTS (Lab Use Only): _____
 Profile #: _____

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

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

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

PACE LAB #	CLIENT FIELD ID	COLLECTION		MATRIX	Y/N	Pick Letter	Analyses Requested
		DATE	TIME				
001	MW-2	5/9/22		GW	X		
002	SD-4	5/9/22		GW	X		
003	Pond	5/9/22		SW	X		
004	SED-1A	5/9/22		S		X	X
005	SED-1B	5/9/22		S		X	X
006	SED-DUP	5/9/22		S		X	X

Rush Turnaround Time Requested - Prelims (Rush TAT subject to approval/surcharge) Date Needed:	Relinquished By: <u>Dave Lennon</u> Date/Time: <u>5/19/22 0800</u>	Received By: _____ Date/Time: _____	PACE Project No. <u>40244705</u> Receipt Temp = <u>4.2</u> °C Sample Receipt pH <u>OK / Adjusted</u> Cooler Custody Seal <u>Present / Not Present</u> Intact / Not Intact
Transmit Prelim Rush Results by (complete what you want):	Relinquished By: <u>CS Logistics</u> Date/Time: <u>5/11/22 0720</u>	Received By: <u>Anthony Hurd</u> Date/Time: <u>5/11/22 0720</u>	
Email #1:	Relinquished By: _____ Date/Time: _____	Received By: _____ Date/Time: _____	
Email #2:	Relinquished By: _____ Date/Time: _____	Received By: _____ Date/Time: _____	
Telephone:	Relinquished By: _____ Date/Time: _____	Received By: _____ Date/Time: _____	
Fax:	Relinquished By: _____ Date/Time: _____	Received By: _____ Date/Time: _____	

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

Client Name: Moraine Env. Sample Preservation Receipt Form
 Project # 40144205

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:

Page Lab #	Glass	Plastic	Vials	Jars	General	VOA Vials (>6mm) *	H2SO4 pH ≤2	NaOH+Zn Act pH ≥9	NaOH pH ≥12	HNO3 pH ≤2	pH after adjusted	Volume (mL)
001	AG1U	BP1U	VG9A	JGFU	SP5T							2.5/5/10
002	BG1U	BP3U	DG9T	JG9U	ZPLC							2.5/5/10
003	AG1H	BP3B	VG9U	WGFU	GN							2.5/5/10
004	AG4S	BP3N	VG9H	WPFU								2.5/5/10
005	AG4U	BP3S	VG9M									2.5/5/10
006	AG5U		VG9D									2.5/5/10
007	AG2S											2.5/5/10
008	BG3U											2.5/5/10
009												2.5/5/10
010												2.5/5/10
011												2.5/5/10
012												2.5/5/10
013												2.5/5/10
014												2.5/5/10
015												2.5/5/10
016												2.5/5/10
017												2.5/5/10
018												2.5/5/10
019												2.5/5/10
020												2.5/5/10

Exceptions to preservation check: VOA Coliform, TOC, TOX, TOH, O&G, WI DRQ, Phenolics, Other: 5/11/02 AGU Headspace in VOA Vials (<6mm): Yes No N/A *If yes look in headspace column

AG1U	1 liter amber glass	BP1U	1 liter plastic unpres	VG9A	40 mL clear ascorbic	JGFU	4 oz amber jar unpres
BG1U	1 liter clear glass	BP3U	250 mL plastic unpres	DG9T	40 mL amber Na Thio	JG9U	9 oz amber jar unpres
AG1H	1 liter amber glass HCL	BP3B	250 mL plastic NaOH	VG9U	40 mL clear vial unpres	WGFU	4 oz clear jar unpres
AG4S	125 mL amber glass H2SO4	BP3N	250 mL plastic HNO3	VG9H	40 mL clear vial HCL	WPFU	4 oz plastic jar unpres
AG4U	120 mL amber glass unpres	BP3S	250 mL plastic H2SO4	VG9M	40 mL clear vial MeOH	SP5T	120 mL plastic Na Thiosulfate
AG5U	100 mL amber glass unpres			VG9D	40 mL clear vial DI	ZPLC	ziploc bag
AG2S	500 mL amber glass H2SO4					GN	
BG3U	250 mL clear glass unpres						

Sample Condition Upon Receipt Form (SCUR)

Client Name: Moraine Env.
 Courier: CS Logistics Fed Ex Speedee UPS Waltco
 Client Pace Other: _____
 Tracking #: _____

Project #: _____

WO# : 40244705



40244705

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 - 108 Type of Ice: Wet Blue Dry None Samples on ice, cooling process has begun
 Cooler Temperature Uncorr: 4 /Corr: 4.2
 Temp Blank Present: yes no Biological Tissue is Frozen: yes no

Person examining contents:
 Date: 5/1/22 /Initials: AL
 Labeled By Initials: SKW

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

Chain of Custody Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	1. +CC 5/1/22 AL
Chain of Custody Filled Out:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	2. no collect times 5/1/22 AL
Chain of Custody Relinquished:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	3.
Sampler Name & Signature on COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	4.
Samples Arrived within Hold Time: - VOA Samples frozen upon receipt	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	5. Date/Time:
Short Hold Time Analysis (<72hr):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	6.
Rush Turn Around Time Requested:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	7.
Sufficient Volume: For Analysis: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No MS/MSD: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A		8.
Correct Containers Used: -Pace Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	9.
-Pace IR Containers Used:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Containers Intact:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	10.
Filtered volume received for Dissolved tests	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	11.
Sample Labels match COC: -Includes date/time/ID/Analysis Matrix: <u>WIS</u>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	12.
Trip Blank Present:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	13.
Trip Blank Custody Seals Present	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Pace Trip Blank Lot # (if purchased):		

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