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March 9, 2022

Ms. Demaree Collier  
Remedial Project Manager  
USEPA Region 5  
77 West Jackson Boulevard  
Chicago, IL 60604

Subject: Transmittal of Data  
Residential, Plume Monitoring, and Sentinel Wells  
Lemberger Landfill Sites  
Third Quarter 2021

Dear Ms. Collier:

On behalf of the Lemberger Site Remediation Group (LSRG), and in accordance with the Environmental Monitoring Plan (EMP), Revision 5 (February 2021), and the subsequent monitoring program revisions as approved by the United States Environmental Protection Agency (USEPA) and the Wisconsin Department of Natural Resources (WDNR), TRC Environmental Corporation (TRC) is submitting the following data:

- Attachment 1: Data Validation Comments and Qualified Form 1s For All Wells
- Attachment 2: Table of Wisconsin Administrative Code Chapter NR 140 Groundwater Quality Standards (Enforcement Standards [ESs], Preventive Action Limits [PALs], Maximum Contaminant Levels [MCLs], and Secondary Maximum Contaminant Levels [SMCLs]) for the Pertinent Parameters
- Attachment 3: Tabular Summary of Analytical Results at Each Residential Well
- Attachment 4: Original Laboratory Data Sheets for Residential Wells
- Attachment 5: Residential Well Location Map with Owner/Occupant Addresses
- Attachment 6: Tabular Summary of Analytical Results at Each Monitoring Well
- Attachment 7: Laboratory Data Qualifiers
- Attachment 8: Tabular Summary of Groundwater Standard Exceedances at Plume Monitoring Wells

A CD containing field and laboratory data in an approved WDNR format has been attached to the copies provided to the WDNR and the USEPA, for their use. Groundwater samples were collected during September and October 2021, in accordance with the February 2021 EMP, Revision 5. In addition to the sampling program outlined in the EMP, groundwater samples from four wells (RM-007D, RM-102D, RM-204D, and RM-401XD) were collected and analyzed for per- and polyfluoroalkyl substances (PFAS) in accordance with the September 2021 PFAS Evaluation Work Plan, Revision 1. The PFAS analytical and data validation reports were submitted to the WDNR and USEPA in a technical memorandum dated November 19, 2021. The CD included with this data transmittal includes the PFAS data for incorporation in the WDNR GEMS database.

All of but one the residential wells specified in the third quarter monitoring program were sampled during this event. Residential well GR-13 was not sampled due to an inoperable pump. No

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groundwater quality standard exceedances were found among the residential wells sampled during this quarter.

The residential well volatile organic compound (VOC) samples were collected without a hydrochloric acid (HCl) preservative. We are collecting unpreserved samples due to ongoing problems with false-positive chloromethane detections sourced to the HCl preservative. The laboratory analyzed the samples within 7 days of collection, which is consistent with an older approved VOC sampling methodology.

Please call if you have questions.

Sincerely,

TRC



Kristopher D. Krause, P.E.  
Senior Project Manager



Meredith Westover, P.G.  
Senior Hydrogeologist

Attachments

cc: B.J. LeRoy – WDNR  
Brian Potts – Perkins Coie, LLP  
Kristin Jones – Newell Rubbermaid  
Troy Adams – Manitowoc Public Utilities  
Scott Karbon – Manitowoc Public Utilities  
James Wallner – Red Arrow Products  
James Cook – Manitowoc Cranes  
Kathleen McDaniel – City of Manitowoc  
Dominique Sorel – SS. Papadopoulos & Associates, Inc.  
John Lang – EHS Support, LLC  
Tom Sullivan – EHS Support, LLC  
GEMS Data Submittal Contact (w/diskette)

## **Attachment 1**

### **Data Validation Comments and Qualified Form 1s For All Wells**



## Memorandum

**To:** Meredith Westover

**From:** Kristen Morin (Data Reviewer)  
Elizabeth Denly (Peer Reviewer)

**Date:** January 12, 2022

**Subject:** Data Validation Report  
VOC Groundwater and Drinking Water Samples: 3<sup>rd</sup> Quarter 2021  
Lemberger Landfill and Lemberger Transport and Recycling/Franklin, Wisconsin  
Laboratory Project Numbers 40233822, 40233992, 40233993, 40234288,  
40235604, 40235605, 40235688

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### SUMMARY

Full validation (level IV) or limited validation (level III) was performed on the data for 34 groundwater samples, 19 drinking water samples, three field blanks, and six trip blanks collected at the Lemberger Landfill and Lemberger Transport and Recycling Site in Franklin, Wisconsin. The samples were collected on September 22, 25, 26, 29, and 30, and October 17, 20, 21, and 22, 2021. Samples were submitted to Pace Analytical Services, LLC in Green Bay, Wisconsin for analysis. The samples were analyzed for one or more of the following parameters:

- Volatile organic compounds (VOCs) using SW-846 Method 8260B
- Total iron and manganese using SW-846 Method 6020B
- Chloride and sulfate using EPA Method 300.0
- Alkalinity using EPA Method 310.2
- Nitrogen, nitrate + nitrite using EPA Method 353.2
- Total organic carbon (TOC) using Standard Method SM-5310C

The laboratory reported the results under laboratory project numbers 40233822, 40233992, 40233993, 40234288, 40235604, 40235605, and 40235688.

The sample results were assessed using the *USEPA National Functional Guidelines for Organic Superfund Methods Data Review (EPA-540-R-20-005)*, November 2020, *USEPA National Functional Guidelines for Inorganic Superfund Methods Data Review (EPA-540-R-20-006)*, November 2020, and the project-specific quality assurance project plan (QAPP), dated September 2011, Revision 1.

In general, the data are valid as reported and may be used for decision-making purposes. The following issues were noted which have a minor impact on the data usability:

- Select results were reported which were below the lowest calibration standard and quantitation limit (QL); these results were qualified as estimated (J).
- Potential low bias exists for the positive and nondetect results for all VOCs in sample TB-001 (10/22/21) due to the presence of headspace in the sample vial. These results were qualified as estimated (J-/UJ).
- Potential uncertainty exists for the nondetect results for select VOCs in several samples due to continuing calibration nonconformances. These results were qualified as estimated (UJ).

- Potential high bias exists for the positive results for TOC in all samples in this data set, where reported, due to field blank contamination. These results were qualified as estimated (J+).
- Potential high bias exists for the positive results for sulfate in select samples due to high recoveries in the matrix spike (MS) and MS duplicate (MSD) analyses. These results were qualified as estimated (J+).
- Potential low bias exists for the positive results for nitrogen, nitrate + nitrite in select samples due to low recoveries in the MS and MSD analyses. These results were qualified as estimated (J-).

## SAMPLES

Samples included in this review are listed below:

Laboratory Project Number 40233822\*\*\* (collected 9/22/21)

- RM-007D
- RM-401XD
- RM-102D
- FDUP-002<sup>1</sup>
- RM-204D
- TB-001 (9/22/21)

Laboratory Project Number 40233992\*\* (collected 9/25/21)

- RM-101D
- TB-001 (9/25/21)
- RM-211D
- RM-404XXD

Laboratory Project Number 40233993\*\* (collected 9/25/21-9/26/21)

- RM-002D
- RM-210D
- FDUP-001<sup>2</sup>
- RM-003D
- RM-401XXD
- FB-001
- RM-003XXD
- RM-403XD
- TB-001 (9/26/21)

Laboratory Project Number 40234288\* (collected 9/29/21-9/30/21)

- GR-08
- GR-11
- GR-16
- GR-60R
- GR-64
- GR-73
- GR-FDUP-001<sup>3</sup>
- GR-09
- GR-12
- GR-26
- GR-62
- GR-65
- GR-74
- GR-FDUP-002<sup>4</sup>
- GR-10
- GR-14
- GR-30
- GR-63
- GR-66
- TB-001 (9/30/21)

Laboratory Project Number 40235604\*\*\* (collected 10/17/21)

- RM-008D
- RM-214D
- RM-213D
- RM-402XD
- RM-213XD
- RM-402XXD

Laboratory Project Number 40235605\*\*\* (collected 10/20/21)

- RM-202D
- OW-104F
- RM-203D
- FB-003
- RM-212D
- TB-001 (10/20/21)

Laboratory Project Number 40235688\*\*\* (collected 10/21/21-10/22/21)

- RM-005D
- RM-208D
- RM-306D
- FB-002
- RM-007XD
- RM-208XD
- RM-307D
- TB-001 (10/22/21)
- RM-007XXD
- RM-303D
- FDUP-003<sup>5</sup>

<sup>1</sup> Field duplicate of RM-007D

<sup>4</sup> Field duplicate of GR-26

<sup>2</sup> Field duplicate of RM-210D

<sup>5</sup> Field duplicate of RM-007XXD

<sup>3</sup> Field duplicate of GR-09

\* Full validation (level IV) was performed.

\*\* Full validation (level IV) was performed for VOCs only. Limited validation (level III) was performed on all other parameters.

\*\*\* Limited validation (level III) was performed.

## REVIEW ELEMENTS

Sample data were reviewed for the following parameters:

- Agreement of analyses conducted with chain-of-custody (COC) requests
- Data completeness
- Holding times and sample preservation
- Gas chromatography/mass spectrometry (GC/MS) tunes (VOCs only)
- Inductively coupled plasma (ICP)-MS tune results (Metals only)
- Initial and continuing calibrations
- Interference check sample (ICS) results (Metals only)
- Blanks
- Surrogate spike recoveries (VOCs only)
- MS/MSD results
- Laboratory control sample (LCS) results
- Internal standard performance (VOCs and Metals only)
- Serial dilution results (Metals only)
- Laboratory duplicate results
- Field duplicate results
- Quantitation limits and sample results
- Target compound identification (level IV validation only)

## DISCUSSION

### Agreement of Analyses Conducted with Chain-of-Custody Requests

Sample reports were checked to verify that the results corresponded to analytical requests as designated on the COCs. No issues were noted.

In laboratory report number 40233993, the laboratory noted that one sample container submitted for sample RM-002D was missing a zero (0) in the sample ID written on the container label. The laboratory logged in the sample ID according to the COC. No further actions were taken.

### **Data Completeness**

The data packages were found to be complete as received from the laboratory with the following exceptions.

- The laboratory only spiked a subset of the VOCs which were reported in the samples in the LCS and MS/MSDs. Thus, accuracy and/or precision could not be evaluated for select VOCs.
- The laboratory did not provide daily method blank and/or LCS results for the analyses of VOCs in several samples in one of the level III and one of the level IV data packages.
- The laboratory noted a discrepancy with the collection time listed on the vials (18:28) for sample GR-16 in laboratory project number 40234288; this sample was logged in with the collection time listed on the COC (19:28).
- The surrogate recoveries for the 5-fold diluted VOC analysis of sample FDUP-002 were missing in laboratory project number 40233822.

No validation actions were taken on the basis of these issues.

### **Holding Times and Sample Preservation**

All samples were analyzed within the method-specified holding time. All samples were received by the laboratory on ice. All VOC samples in laboratory project number 40234288 were submitted in unpreserved vials. However, no actions were taken on this basis since all VOC analyses of these samples were performed within 7 days from sample collection.

The laboratory noted that one of the three vials for sample GR-30 was received with headspace; the laboratory did not indicate that the VOC analysis of this sample was performed using a compromised vial. No validation actions were taken on the basis of this issue since the analysis of this sample was performed from an acceptable vial without headspace.

The laboratory noted that the sample vial used for analysis of sample TB-001 (10/22/21) in laboratory report 40235688 contained headspace; therefore, the positive and nondetect results for VOCs in this sample were qualified as estimated (J-/UJ) with a potential low bias.

Samples were received by the laboratory between one and four days after collection. Samples were stored in coolers, on ice, in a locked former treatment building at the site until delivery to the laboratory. No validation actions were required on this basis since the samples were kept on ice prior to delivery to the laboratory and were received on ice and at acceptable cooler temperatures by the laboratory.

### **GC/MS Tunes (VOCs only)**

The frequency and abundance of all bromofluorobenzene tunes were within the acceptance criteria.

### **ICP-MS Tune Results (Metals only)**

The resolution of the mass calibration was within 0.1 atomic mass units (amu) over the range of 7 to 208 amu. The percent relative standard deviations (%RSDs) for all analytes in the tuning solution met the acceptance criteria of <5%.

## Initial and Continuing Calibrations

### VOCs

The coefficients of determination, %RSDs, and relative response factors (RRFs) for all target compounds were within the laboratory acceptance criteria in the initial calibrations.

All RRFs were within the acceptance criteria in the continuing calibrations (CCs). The following table summarizes the percent differences or percent drifts (%Ds) which were outside of the laboratory acceptance criteria in the CCs and the associated samples. %Ds which were outside of the acceptance criteria in the VOC initial calibration verification (ICV) standards were not summarized in the table below since the ICVs did not immediately precede any VOC sample analyses.

CC	Compound	%D	Associated Samples	Validation Actions
40MSVD 9/27/21 @0856	Bromomethane	-24.9233	RM-007D, RM-102D, RM-204D, RM-401XD, FDUP-002, TB-001 (9/22/21)	The nondetect results for the listed VOCs were qualified as estimated (UJ) in the associated samples.
40MSVE 9/28/21 @0628	Chloromethane	47.4365	RM-101D, RM-211D, RM-404XXD, TB-001 (9/25/21)	
40MSVA 9/30/21 @0823	Acetone	35.8150	RM-002D, RM-003D, RM-003XXD, RM-210D, RM-401XXD, RM-403XD, FDUP-001, FB-001, TB-001 (9/26/21)	
	2-Butanone (MEK)	26.0384		
	2-Hexanone	28.3288		
40MSVE 10/4/21 @1315	Acetone	-26.9678	GR-08, GR-09, GR-10, GR-11, GR-12, GR-14, GR-16, GR-26, GR-30, GR-60R, GR-62, GR-63, GR-64, GR-65, GR-66, GR-73, GR-74, GR-FDUP-001, GR-FDUP-002, TB-001 (9/30/21)	
	2-Butanone (MEK)	-27.3256		
	Chloromethane	24.5372		
	trans-1,3-Dichloropropene	-20.5086		
40MSVD 10/22/21 @1556	Chloroethane	34.2735	OW-104F, RM-008D, RM-202D, RM-203D, RM-212D, RM-213D, RM-213XD, RM-214D, RM-402XD, RM-402XXD, FB-003, TB-001 (10/20/21)	
40MSVE 10/28/21 @0657	Bromomethane	28.3200	RM-005D, RM-007XD, RM-303D, RM-306D, RM-307D, FDUP-003	
40MSVE 10/29/21 @0726	Bromomethane	35.2445	RM-007XXD, RM-208D, RM-208XD, FB-002, TB-001 (10/22/21)	

### Chloride, Sulfate, Alkalinity, Nitrogen, Nitrate + Nitrite, TOC

The applicable ICV and continuing calibration verification (CCV) percent recoveries (%Rs) met the method acceptance limits. The low-level check standard %Rs were within 60-140%.

### Metals

The ICV and CCV %Rs met the method acceptance limits. The low-level check standard %Rs were within 70-130%.



### ICS Results (Metals 6020B only)

The %Rs for iron and manganese in the ICSA and ICSAB analyses were within the 80-120% acceptance criteria, where applicable. The ICSA results were not further evaluated since the interferent, iron, was not detected in the samples at concentrations comparable to the ICS solutions.

### Blanks

#### VOCs

Target analytes were not detected in the method blanks. The following table summarizes the concentrations of the compounds that were detected in the trip blanks and/or field blanks, the associated samples, and the resulting validation actions.

Compound	Blank Concentration (µg/L)	QL (µg/L)	Blank ID: Associated Samples	Validation Actions
Toluene	2.1	1.0	FB-001: RM-002D, RM-003D, RM-003XXD, RM-007D, RM-101D, RM-102D, RM-204D, RM-210D, RM-211D, RM-401XD, RM-401XXD, RM-403XD, RM-404XXD, FDUP-001, FDUP-002	No qualification was required since these VOCs were not detected in the associated samples.
Xylene (total)	1.4 J	3.0		
Acetone	8.8 J (FB-003)	25	FB-002 and/or FB-003: RM-005D, RM-007XD, RM-007XXD, RM-008D, RM-202D, RM-203D, RM-208D, RM-208XD, RM-212D, RM-213D, RM-213XD, RM-214D, RM-303D, RM-306D, RM-307D, RM-402XD, RM-402XXD, OW-104F, FDUP-003	
Xylene (Total)*	1.2 J (FB-003) 1.1 J (FB-002)	3.0		
Toluene*	2.2 (FB-003) 1.9 (FB-002)	1.0		
Toluene	1.2	1.0	TB-001 (10/22/21): FDUP-003, RM-005D, RM-007XD, RM-007XXD, RM-208D, RM-208XD, RM-303D, RM-306D, RM-307D	
* The maximum concentrations of xylene (total) and toluene that were detected in field blanks FB-002 and FB-003 were used to evaluate sample results for samples collected in October 2021.				

The laboratory did not provide daily method blank results for the samples noted below; the laboratory reported a batch method blank that was analyzed >12 hours prior to these samples. The results for VOCs in the batch method blank associated with these samples were used to evaluate the results. No validation action was taken on this basis.

- The 5-fold diluted analysis of sample FDUP-002 in the level III data package provided for laboratory project number 40233822 (only affects 1,1,1-trichloroethane); and
- TB-001 (10/22/21), FB-002, RM-007XXD, RM-208D, and RM-208XD in the level IV data package provided for laboratory project number 40235688.

#### Chloride, Sulfate, Alkalinity, Nitrogen, Nitrate + Nitrite

Target analytes were not detected in the associated calibration blanks, field blanks, and method blanks.

The laboratory's instrument detection limits (IDLs) were approximately 4.6x, 6.8x, 3.4x, and 4.2x higher than the sample limit of detection (LOD) (or method detection limits) for chloride, sulfate,

alkalinity, and nitrogen, nitrate + nitrite, respectively, in laboratory project numbers 40233822, 40233992, 40233993, 40235604, 40235605, and 40235688. Thus, instrument blanks were only evaluated to the IDL for these parameters.

### TOC

Target analytes were not detected in the calibration and method blanks. The following table summarizes the concentrations of the analytes that were detected in the field blanks, the associated samples, and the resulting validation actions.

Analyte	Blank Concentration (mg/L)	QL (mg/L)	Blank ID: Associated Samples	Validation Actions
TOC	0.40 J	0.50	FB-001: RM-002D, RM-003XXD, RM-007D, RM-102D, RM-204D, RM-210D, RM-401XXD, RM-404XXD, FDUP-001, FDUP-002	The positive results for TOC in all associated samples were qualified as estimated (J+) with a potential high bias.
	0.49 J		FB-002: RM-007XD, RM-203D, RM-402XD, OW-104F	
<b>Criteria:</b> If concentration in sample $\geq$ QL and $<10x$ blank concentration, flag with "J+"				

### Metals

Target analytes were not detected in the calibration method, method blanks, and field blanks.

### **Surrogate Spike Recoveries (VOCs only)**

The %Rs of the surrogates were within the laboratory acceptance criteria for all samples.

The laboratory did not provide surrogate %Rs for the 5-fold diluted VOC analysis of sample FDUP-002 in the level III data package provided for laboratory project number 40233822. The surrogate %Rs from the undiluted analysis of this sample were used to evaluate the diluted result for 1,1,1-trichloroethane in this sample. No validation action was taken on this basis.

### **MS/MSD Results**

#### VOCs

MS/MSD analyses were performed on samples RM-003XXD, RM-005D, RM-212D, and GR-62 for VOCs; all MS/MSD %R criteria were met. All RPD criteria were met in the MS/MSD analyses performed on samples RM-005D, RM-212D, and GR-62. The following table summarizes the relative percent difference (RPD) that was outside of the laboratory's acceptance criteria in one of the MS/MSD analyses and the validation actions.

MS/MSD Sample ID	Compound	RPD (%)	RPD QC Limit (%)	Validation Action
RM-003XD	Methylene Chloride	22	20	No qualification was required since methylene chloride was not detected in sample RM-003XD.

Note that the laboratory only spiked a subset of the VOCs which were reported in the samples in the MS/MSDs. Thus, accuracy and precision could not be evaluated for the following VOCs (which were not spiked) in groundwater samples RM-003XXD, RM-005D, RM-212D, and GR-62: 2-butanone, 2-hexanone, 4-methyl-2-pentanone, and acetone. No validation action was taken on this basis.

Metals, Alkalinity, Chloride, Sulfate, Nitrogen, Nitrate + Nitrite, TOC

MS/MSD analyses were performed on the following samples:

- RM-102D for chloride and sulfate
- RM-404XXD for nitrogen, nitrate + nitrite and TOC
- RM-003XXD\* for metals, chloride, sulfate, alkalinity, nitrogen, nitrate + nitrite, and TOC
- RM-402XD\* for metals
- RM-007XD for nitrogen, nitrate + nitrite

\*A post-digestion spike was also performed for metals; all criteria were met.

The following table summarizes the %Rs that were outside of the laboratory's acceptance criteria in the MS/MSD analyses and the validation actions; all RPD criteria were met.

MS/MSD Sample ID	Analyte	MS %R	MSD %R	%R QC Limits	Validation Action
RM-003XXD	Sulfate	118	117	90-110	The positive results for sulfate were qualified as estimated (J+) with a potential high bias in the associated samples.
<b>Associated samples:</b> RM-002D, RM-003XXD, RM-007D, RM-007XD, RM-203D, RM-204D, RM-210D, RM-401XXD, RM-402XD, RM-404XXD, OW-104F, FDUP-001, FDUP-002					
RM-007XD	Nitrogen, nitrate + nitrite	87	87	90-110	The positive results for nitrogen, nitrate + nitrite were qualified as estimated (J-) with a potential low bias in the associated samples.
<b>Associated samples:</b> RM-002D, RM-007D, RM-007XD, RM-102D, RM-203D, RM-204D, RM-210D, RM-401XXD, RM-402XD, OW-104F, FDUP-001, FDUP-002					

**LCS Results**

VOCs

An LCS was performed each day prior to sample analysis with the following exceptions. The laboratory did not provide daily LCS results for the samples noted below; the laboratory reported a batch LCS that was analyzed >12 hours prior to these samples. The results for VOCs in the batch LCS associated with these samples were used to evaluate the results. No validation action was taken on this basis.

- The 5-fold diluted analysis of sample FDUP-002 in the level III data package provided for laboratory project number 40233822 (only affects 1,1,1-trichloroethane); and
- TB-001 (10/22/21), FB-002, RM-208XD, RM-208D, and RM-007XXD in the level IV data package provided for laboratory project number 40235688.

The LCS %Rs were within the laboratory's acceptance criteria.



Note that the laboratory only spiked a subset of the VOCs that were reported in the samples in the LCS. Thus, accuracy could not be evaluated for the following VOCs (which were not spiked) in all LCSs: 2-butanone, 2-hexanone, 4-methyl-2-pentanone, and acetone. No validation action was taken on this basis.

Metals, Alkalinity, Nitrogen, Nitrate + Nitrite, Chloride, Sulfate , TOC

An LCS was performed each day prior to sample analysis. The LCS %Rs were within the laboratory acceptance criteria for metals, alkalinity, nitrogen, nitrate + nitrite, chloride, sulfate and TOC analyses.

**Internal Standard Performance (VOCs and Metals only)**

Internal standards were within the method acceptance criteria in all sample analyses.

**Serial Dilution Results (Metals only)**

Serial dilution analyses were performed on samples RM-401XXD and RM-203D for metals analysis; all criteria were met.

**Laboratory Duplicate Results**

Laboratory duplicates were not performed on a sample from this data set.

**Field Duplicate Results**

The samples listed below were submitted as the field duplicate pairs with this data set.

- RM-007D and FDUP-002
- RM-210D and FDUP-001
- GR-09 and GR-FDUP-001
- GR-26 and GR-FDUP-002
- RM-007XXD and FDUP-003

Target analytes were not detected in samples GR-09/GR-FDUP-001, GR-26/GR-FDUP-002, and RM-007XXD/FDUP-003. The following tables summarize the RPDs or absolute difference (AbsDs) of the detected results in the remaining field duplicate pairs. All criteria were met.

Analyte	QL(s) (µg/L)	RM-007D (µg/L)	FDUP-002 (µg/L)	RPD (%) or AbsD (µg/L)	Validation Action
Manganese	4.0	5.3	5.4	AbsD = 0.1	None; all criteria were met.
1,1,1-Trichloroethane	2.5/5.0	290	274	RPD = 5.7	
1,1-Dichloroethane	2.5/1.0	245	259	RPD = 5.6	
1,1-Dichloroethene	2.5/1.0	19.8	22.0	RPD = 10.5	
Chloroethane	12.5/5.0	6.2 J	5.3	AbsD = 0.9	
Tetrachloroethene	2.5/1.0	3.4	3.6	AbsD = 0.2	
Trichloroethene	2.5/1.0	57.9	61.7	RPD = 6.4	
Vinyl chloride	2.5/1.0	2.5 U	0.43 J	AbsD = 2.07	
cis-1,2-Dichloroethene	2.5/1.0	64.4	68.2	RPD = 5.7	
Chloride	10,000	12,300	12,300	AbsD = 0	

Analyte	QL(s) (µg/L)	RM-007D (µg/L)	FDUP-002 (µg/L)	RPD (%) or AbsD (µg/L)	Validation Action
Sulfate	10,000	183,000	183,000	RPD = 0	
Alkalinity, Total	49,600	514,000	512,000	RPD = 0.4	
Nitrogen, nitrate + nitrite	250	1,500	1,500	RPD = 0	
TOC	500	2,500	2,500	RPD = 0	

Analyte	QL (µg/L)	RM-210D (µg/L)	FDUP-001 (µg/L)	RPD (%) or AbsD (µg/L)	Validation Action
Iron	250	390	363	AbsD = 27	None; all criteria were met.
Manganese	4.0	15.8	15.2	AbsD = 0.6	
1,1,1-Trichloroethane	1.0	6.9	6.7	RPD = 2.9	
1,1-Dichloroethane	1.0	3.9	3.8	AbsD = 0.1	
1,1-Dichloroethene	1.0	1.0 J	1.1	AbsD = 0.1	
Trichloroethene	1.0	1.4	1.4	AbsD = 0	
cis-1,2-Dichloroethene	1.0	1.8	1.8	AbsD = 0	
Chloride	2,000	16,800	16,800	RPD = 0	
Sulfate	2,000	40,700	40,700	RPD = 0	
Alkalinity, Total	24,800	355,000	357,000	RPD = 0.6	
Nitrogen, nitrate + nitrite	250	3,800	3,800	RPD = 0	
TOC	500	960	1,000	AbsD = 40	

Criteria:

- When both results are  $\geq 5x$  the QL, RPDs must be  $\leq 35\%$ .
- When one or both results are  $< 5x$  the QL, AbsD must be  $<$  the QL.

**Quantitation Limits and Sample Results**

Sample calculations were spot-checked for level IV validation only; there were no errors noted.

The following table summarizes the dilution performed on the samples in this data set; QLs were elevated accordingly by the laboratory.

Sample ID	Parameter	Dilution	Reason for Dilution	
RM-003XXD	Alkalinity	2-fold	Dilutions were performed due to the concentrations of target analytes which would have exceeded or been close to exceeding the calibration range if analyzed undiluted.	
RM-007D				
FDUP-002				
RM-102D	Nitrogen, nitrate + nitrite	10-fold		
RM-401XXD		2-fold		
RM-007D	Chloride, Sulfate	5-fold		
FDUP-002				
RM-402XD	Sulfate	10-fold		
RM-007XD		5-fold		
RM-007D	VOCs	2.5-fold		
RM-303D		2-fold		
FDUP-002	1,1,1-Trichloroethane	5-fold		A 5-fold dilution was performed due to the concentration of 1,1,1-trichloroethane which exceeded the calibration range in the undiluted analysis. Results of the diluted and undiluted analyses were combined by the laboratory in order to report all results within calibration range and with the lowest possible QLs.

Select results were reported which were below the lowest calibration standard level and QL (or limit of quantitation [LOQ]). These results were qualified as estimated (J) by the laboratory.

The laboratory's LOD for select nondetect VOC results was above one or both of the project action limits specified in the QAPP; the affected VOCs, project action limits, and current laboratory LODs are summarized in the table below.

Compound	Affected Samples	WAC Chapter NR 140 PAL (µg/L)	WAC Chapter NR 140 ES (µg/L)	Laboratory LOD (µg/L)	
1,1,2,2-Tetrachloroethane	All samples in this data set except RM-007D and RM-303D	0.02	0.2	0.38	
Bromodichloromethane		0.06	0.6*	0.42	
Bromoform		0.44	4.4*	3.8	
Bromomethane		1	10*	1.2	
Chloroform		0.6	6*	1.2	
cis-1,3-Dichloropropene		0.02	0.2	0.36	
trans-1,3-Dichloropropene		0.02	0.2	3.5	
Vinyl chloride		0.02	0.2*	0.17	
1,1,2,2-Tetrachloroethane		RM-007D	0.02	0.2	0.94
1,1,2-Trichloroethane	0.5		5*	0.86	
1,2-Dichloroethane	0.5		5*	0.73	
1,2-Dichloropropane	0.5		5*	1.1	
Benzene	0.5		5*	0.74	
Bromodichloromethane	0.06		0.6	1.0	
Bromoform	0.44		4.4	9.5	
Bromomethane	1		10*	3.0	
Carbon tetrachloride	0.5		5*	0.92	
Chlorodibromomethane	6		60*	6.6	
Chloroform	0.6		6*	3.0	
Chloromethane	3		30*	4.1	
cis-1,3-Dichloropropene	0.02		0.2	0.90	
Methylene chloride	0.5		5*	0.80	
trans-1,3-Dichloropropene	0.02		0.2	8.7	
Vinyl chloride	0.02		0.2	0.44	
1,1,2,2-Tetrachloroethane	RM-303D		0.02	0.2	0.76
1,1,2-Trichloroethane			0.5	5*	0.69
1,2-Dichloroethane			0.5	5*	0.58
1,2-Dichloropropane			0.5	5*	0.90
Benzene		0.5	5*	0.59	
Bromodichloromethane		0.06	0.6	0.83	
Bromoform		0.44	4.4	7.6	
Bromomethane		1	10*	2.4	
Carbon tetrachloride		0.5	5*	0.74	
Chloroform		0.6	6*	2.4	
Chloromethane		3	30*	3.3	
cis-1,3-Dichloropropene		0.02	0.2	0.72	
Methylene chloride		0.5	5*	0.64	
trans-1,3-Dichloropropene		0.02	0.2	6.9	
Vinyl chloride		0.02	0.2	0.35	

\* Laboratory LOD is below action limit

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January 12, 2022  
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The laboratory's LOD for nondetect results for chloride, sulfate, nitrogen, nitrate + nitrite, iron, and manganese were below the project action limits specified in the QAPP. No project action limits were specified in the QAPP for alkalinity and TOC.

**Target Compound Identification (Level IV Validation Only)**

All criteria were met.

# **QUALIFIED FORM 1s**



### ANALYTICAL RESULTS

Project: 419607.0000 PHASE 4 LEMBERGER

Pace Project No.: 40233822

**Sample: RM-102D**      **Lab ID: 40233822001**      Collected: 09/22/21 10:50      Received: 09/23/21 13:50      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>6020B MET ICPMS</b>									
Analytical Method: EPA 6020B    Preparation Method: EPA 3010A									
Pace Analytical Services - Green Bay									
Iron	<58.0	ug/L	250	58.0	1	09/28/21 05:37	09/28/21 20:09	7439-89-6	
Manganese	1.7J	ug/L	4.0	1.2	1	09/28/21 05:37	09/28/21 20:09	7439-96-5	
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		09/27/21 17:55	71-55-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		09/27/21 17:55	79-34-5	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		09/27/21 17:55	79-00-5	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		09/27/21 17:55	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		09/27/21 17:55	75-35-4	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		09/27/21 17:55	107-06-2	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		09/27/21 17:55	78-87-5	
2-Butanone (MEK)	<6.5	ug/L	25.0	6.5	1		09/27/21 17:55	78-93-3	
2-Hexanone	<6.3	ug/L	25.0	6.3	1		09/27/21 17:55	591-78-6	
4-Methyl-2-pentanone (MIBK)	<6.0	ug/L	25.0	6.0	1		09/27/21 17:55	108-10-1	
Acetone	<8.6	ug/L	25.0	8.6	1		09/27/21 17:55	67-64-1	
Benzene	<0.30	ug/L	1.0	0.30	1		09/27/21 17:55	71-43-2	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		09/27/21 17:55	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		09/27/21 17:55	75-25-2	
Bromomethane	<1.2 JJ	ug/L	5.0	1.2	1		09/27/21 17:55	74-83-9	
Carbon disulfide	<1.1	ug/L	5.0	1.1	1		09/27/21 17:55	75-15-0	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		09/27/21 17:55	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		09/27/21 17:55	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		09/27/21 17:55	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		09/27/21 17:55	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		09/27/21 17:55	74-87-3	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		09/27/21 17:55	124-48-1	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		09/27/21 17:55	100-41-4	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		09/27/21 17:55	75-09-2	
Styrene	<0.36	ug/L	1.0	0.36	1		09/27/21 17:55	100-42-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		09/27/21 17:55	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		09/27/21 17:55	108-88-3	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		09/27/21 17:55	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		09/27/21 17:55	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		09/27/21 17:55	1330-20-7	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		09/27/21 17:55	156-59-2	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		09/27/21 17:55	10061-01-5	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		09/27/21 17:55	156-60-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		09/27/21 17:55	10061-02-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	100	%	70-130		1		09/27/21 17:55	460-00-4	
1,2-Dichlorobenzene-d4 (S)	102	%	70-130		1		09/27/21 17:55	2199-69-1	
Toluene-d8 (S)	99	%	70-130		1		09/27/21 17:55	2037-26-5	

### REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 419607.0000 PHASE 4 LEMBERGER

Pace Project No.: 40233822

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**Sample: RM-102D**      **Lab ID: 40233822001**      Collected: 09/22/21 10:50      Received: 09/23/21 13:50      Matrix: Water

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Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>300.0 IC Anions</b>									
Analytical Method: EPA 300.0									
Pace Analytical Services - Green Bay									
Chloride	<b>32.4</b>	mg/L	2.0	0.43	1		10/03/21 18:38	16887-00-6	
Sulfate	<b>16.5</b>	mg/L	2.0	0.44	1		10/03/21 18:38	14808-79-8	
<b>310.2 Alkalinity</b>									
Analytical Method: EPA 310.2									
Pace Analytical Services - Green Bay									
Alkalinity, Total as CaCO <sub>3</sub>	<b>262</b>	mg/L	24.8	7.4	1		10/06/21 13:13		
<b>353.2 Nitrogen, NO<sub>2</sub>/NO<sub>3</sub> pres.</b>									
Analytical Method: EPA 353.2									
Pace Analytical Services - Green Bay									
Nitrogen, NO <sub>2</sub> plus NO <sub>3</sub>	<b>33.1 J-</b>	mg/L	2.5	0.59	10		10/04/21 13:53		
<b>5310C TOC</b>									
Analytical Method: SM 5310C									
Pace Analytical Services - Green Bay									
Total Organic Carbon	<b>2.4 J+</b>	mg/L	0.50	0.14	1		09/27/21 13:04	7440-44-0	

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### ANALYTICAL RESULTS

Project: 419607.0000 PHASE 4 LEMBERGER

Pace Project No.: 40233822

**Sample: RM-204D**      **Lab ID: 40233822002**      Collected: 09/22/21 13:26      Received: 09/23/21 13:50      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>6020B MET ICPMS</b>									
Analytical Method: EPA 6020B    Preparation Method: EPA 3010A									
Pace Analytical Services - Green Bay									
Iron	<58.0	ug/L	250	58.0	1	09/28/21 05:37	09/28/21 20:16	7439-89-6	
Manganese	1.7J	ug/L	4.0	1.2	1	09/28/21 05:37	09/28/21 20:16	7439-96-5	
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1-Trichloroethane	12.9	ug/L	1.0	0.30	1		09/27/21 18:15	71-55-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		09/27/21 18:15	79-34-5	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		09/27/21 18:15	79-00-5	
1,1-Dichloroethane	10	ug/L	1.0	0.30	1		09/27/21 18:15	75-34-3	
1,1-Dichloroethene	1.4	ug/L	1.0	0.58	1		09/27/21 18:15	75-35-4	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		09/27/21 18:15	107-06-2	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		09/27/21 18:15	78-87-5	
2-Butanone (MEK)	<6.5	ug/L	25.0	6.5	1		09/27/21 18:15	78-93-3	
2-Hexanone	<6.3	ug/L	25.0	6.3	1		09/27/21 18:15	591-78-6	
4-Methyl-2-pentanone (MIBK)	<6.0	ug/L	25.0	6.0	1		09/27/21 18:15	108-10-1	
Acetone	<8.6	ug/L	25.0	8.6	1		09/27/21 18:15	67-64-1	
Benzene	<0.30	ug/L	1.0	0.30	1		09/27/21 18:15	71-43-2	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		09/27/21 18:15	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		09/27/21 18:15	75-25-2	
Bromomethane	<1.2 UJ	ug/L	5.0	1.2	1		09/27/21 18:15	74-83-9	
Carbon disulfide	<1.1	ug/L	5.0	1.1	1		09/27/21 18:15	75-15-0	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		09/27/21 18:15	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		09/27/21 18:15	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		09/27/21 18:15	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		09/27/21 18:15	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		09/27/21 18:15	74-87-3	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		09/27/21 18:15	124-48-1	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		09/27/21 18:15	100-41-4	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		09/27/21 18:15	75-09-2	
Styrene	<0.36	ug/L	1.0	0.36	1		09/27/21 18:15	100-42-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		09/27/21 18:15	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		09/27/21 18:15	108-88-3	
Trichloroethene	1.8	ug/L	1.0	0.32	1		09/27/21 18:15	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		09/27/21 18:15	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		09/27/21 18:15	1330-20-7	
cis-1,2-Dichloroethene	2.7	ug/L	1.0	0.47	1		09/27/21 18:15	156-59-2	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		09/27/21 18:15	10061-01-5	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		09/27/21 18:15	156-60-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		09/27/21 18:15	10061-02-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	97	%	70-130		1		09/27/21 18:15	460-00-4	
1,2-Dichlorobenzene-d4 (S)	103	%	70-130		1		09/27/21 18:15	2199-69-1	
Toluene-d8 (S)	98	%	70-130		1		09/27/21 18:15	2037-26-5	

### REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 419607.0000 PHASE 4 LEMBERGER

Pace Project No.: 40233822

**Sample: RM-204D**      **Lab ID: 40233822002**      Collected: 09/22/21 13:26      Received: 09/23/21 13:50      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>300.0 IC Anions</b>									
Analytical Method: EPA 300.0									
Pace Analytical Services - Green Bay									
Chloride	<b>16.2</b>	mg/L	2.0	0.43	1		10/03/21 19:22	16887-00-6	
Sulfate	<b>36.7 J+</b>	mg/L	2.0	0.44	1		10/03/21 19:22	14808-79-8	
<b>310.2 Alkalinity</b>									
Analytical Method: EPA 310.2									
Pace Analytical Services - Green Bay									
Alkalinity, Total as CaCO <sub>3</sub>	<b>352</b>	mg/L	24.8	7.4	1		10/06/21 13:18		
<b>353.2 Nitrogen, NO<sub>2</sub>/NO<sub>3</sub> pres.</b>									
Analytical Method: EPA 353.2									
Pace Analytical Services - Green Bay									
Nitrogen, NO <sub>2</sub> plus NO <sub>3</sub>	<b>3.5 J-</b>	mg/L	0.25	0.059	1		10/04/21 13:00		
<b>5310C TOC</b>									
Analytical Method: SM 5310C									
Pace Analytical Services - Green Bay									
Total Organic Carbon	<b>0.96 J+</b>	mg/L	0.50	0.14	1		09/27/21 13:19	7440-44-0	

## REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: 419607.0000 PHASE 4 LEMBERGER

Pace Project No.: 40233822

**Sample: RM-401XD**      **Lab ID: 40233822003**      Collected: 09/22/21 15:57      Received: 09/23/21 13:50      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1-Trichloroethane	17.4	ug/L	1.0	0.30	1		09/27/21 18:34	71-55-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		09/27/21 18:34	79-34-5	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		09/27/21 18:34	79-00-5	
1,1-Dichloroethane	12.2	ug/L	1.0	0.30	1		09/27/21 18:34	75-34-3	
1,1-Dichloroethene	2.8	ug/L	1.0	0.58	1		09/27/21 18:34	75-35-4	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		09/27/21 18:34	107-06-2	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		09/27/21 18:34	78-87-5	
2-Butanone (MEK)	<6.5	ug/L	25.0	6.5	1		09/27/21 18:34	78-93-3	
2-Hexanone	<6.3	ug/L	25.0	6.3	1		09/27/21 18:34	591-78-6	
4-Methyl-2-pentanone (MIBK)	<6.0	ug/L	25.0	6.0	1		09/27/21 18:34	108-10-1	
Acetone	<8.6	ug/L	25.0	8.6	1		09/27/21 18:34	67-64-1	
Benzene	<0.30	ug/L	1.0	0.30	1		09/27/21 18:34	71-43-2	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		09/27/21 18:34	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		09/27/21 18:34	75-25-2	
Bromomethane	<1.2 UJ	ug/L	5.0	1.2	1		09/27/21 18:34	74-83-9	
Carbon disulfide	<1.1	ug/L	5.0	1.1	1		09/27/21 18:34	75-15-0	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		09/27/21 18:34	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		09/27/21 18:34	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		09/27/21 18:34	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		09/27/21 18:34	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		09/27/21 18:34	74-87-3	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		09/27/21 18:34	124-48-1	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		09/27/21 18:34	100-41-4	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		09/27/21 18:34	75-09-2	
Styrene	<0.36	ug/L	1.0	0.36	1		09/27/21 18:34	100-42-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		09/27/21 18:34	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		09/27/21 18:34	108-88-3	
Trichloroethene	3.4	ug/L	1.0	0.32	1		09/27/21 18:34	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		09/27/21 18:34	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		09/27/21 18:34	1330-20-7	
cis-1,2-Dichloroethene	6.4	ug/L	1.0	0.47	1		09/27/21 18:34	156-59-2	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		09/27/21 18:34	10061-01-5	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		09/27/21 18:34	156-60-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		09/27/21 18:34	10061-02-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	99	%	70-130		1		09/27/21 18:34	460-00-4	
1,2-Dichlorobenzene-d4 (S)	105	%	70-130		1		09/27/21 18:34	2199-69-1	
Toluene-d8 (S)	100	%	70-130		1		09/27/21 18:34	2037-26-5	

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### ANALYTICAL RESULTS

Project: 419607.0000 PHASE 4 LEMBERGER  
Pace Project No.: 40233822

**Sample: RM-007D**      **Lab ID: 40233822004**      Collected: 09/22/21 17:58      Received: 09/23/21 13:50      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>6020B MET ICPMS</b>									
Analytical Method: EPA 6020B    Preparation Method: EPA 3010A Pace Analytical Services - Green Bay									
Iron	<58.0	ug/L	250	58.0	1	09/28/21 05:37	09/28/21 20:24	7439-89-6	
Manganese	5.3	ug/L	4.0	1.2	1	09/28/21 05:37	09/28/21 20:24	7439-96-5	
<b>8260 MSV</b>									
Analytical Method: EPA 8260 Pace Analytical Services - Green Bay									
1,1,1-Trichloroethane	290	ug/L	2.5	0.76	2.5		09/27/21 19:32	71-55-6	
1,1,2,2-Tetrachloroethane	<0.94	ug/L	2.5	0.94	2.5		09/27/21 19:32	79-34-5	
1,1,2-Trichloroethane	<0.86	ug/L	12.5	0.86	2.5		09/27/21 19:32	79-00-5	
1,1-Dichloroethane	245	ug/L	2.5	0.74	2.5		09/27/21 19:32	75-34-3	
1,1-Dichloroethene	19.8	ug/L	2.5	1.5	2.5		09/27/21 19:32	75-35-4	
1,2-Dichloroethane	<0.73	ug/L	2.5	0.73	2.5		09/27/21 19:32	107-06-2	
1,2-Dichloropropane	<1.1	ug/L	2.5	1.1	2.5		09/27/21 19:32	78-87-5	
2-Butanone (MEK)	<16.3	ug/L	62.5	16.3	2.5		09/27/21 19:32	78-93-3	
2-Hexanone	<15.7	ug/L	62.5	15.7	2.5		09/27/21 19:32	591-78-6	
4-Methyl-2-pentanone (MIBK)	<14.9	ug/L	62.5	14.9	2.5		09/27/21 19:32	108-10-1	
Acetone	<21.6	ug/L	62.5	21.6	2.5		09/27/21 19:32	67-64-1	
Benzene	<0.74	ug/L	2.5	0.74	2.5		09/27/21 19:32	71-43-2	
Bromodichloromethane	<1.0	ug/L	2.5	1.0	2.5		09/27/21 19:32	75-27-4	
Bromoform	<9.5	ug/L	12.5	9.5	2.5		09/27/21 19:32	75-25-2	
Bromomethane	<3.0	ug/L	12.5	3.0	2.5		09/27/21 19:32	74-83-9	
Carbon disulfide	<2.8	ug/L	12.5	2.8	2.5		09/27/21 19:32	75-15-0	
Carbon tetrachloride	<0.92	ug/L	2.5	0.92	2.5		09/27/21 19:32	56-23-5	
Chlorobenzene	<2.1	ug/L	2.5	2.1	2.5		09/27/21 19:32	108-90-7	
Chloroethane	6.2J	ug/L	12.5	3.4	2.5		09/27/21 19:32	75-00-3	
Chloroform	<3.0	ug/L	12.5	3.0	2.5		09/27/21 19:32	67-66-3	
Chloromethane	<4.1	ug/L	12.5	4.1	2.5		09/27/21 19:32	74-87-3	
Dibromochloromethane	<6.6	ug/L	12.5	6.6	2.5		09/27/21 19:32	124-48-1	
Ethylbenzene	<0.81	ug/L	2.5	0.81	2.5		09/27/21 19:32	100-41-4	
Methylene Chloride	<0.80	ug/L	12.5	0.80	2.5		09/27/21 19:32	75-09-2	
Styrene	<0.89	ug/L	2.5	0.89	2.5		09/27/21 19:32	100-42-5	
Tetrachloroethene	3.4	ug/L	2.5	1.0	2.5		09/27/21 19:32	127-18-4	
Toluene	<0.72	ug/L	2.5	0.72	2.5		09/27/21 19:32	108-88-3	
Trichloroethene	57.9	ug/L	2.5	0.80	2.5		09/27/21 19:32	79-01-6	
Vinyl chloride	<0.44	ug/L	2.5	0.44	2.5		09/27/21 19:32	75-01-4	
Xylene (Total)	<2.6	ug/L	7.5	2.6	2.5		09/27/21 19:32	1330-20-7	
cis-1,2-Dichloroethene	64.4	ug/L	2.5	1.2	2.5		09/27/21 19:32	156-59-2	
cis-1,3-Dichloropropene	<0.90	ug/L	2.5	0.90	2.5		09/27/21 19:32	10061-01-5	
trans-1,2-Dichloroethene	<1.3	ug/L	2.5	1.3	2.5		09/27/21 19:32	156-60-5	
trans-1,3-Dichloropropene	<8.7	ug/L	12.5	8.7	2.5		09/27/21 19:32	10061-02-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	99	%	70-130		2.5		09/27/21 19:32	460-00-4	
1,2-Dichlorobenzene-d4 (S)	104	%	70-130		2.5		09/27/21 19:32	2199-69-1	
Toluene-d8 (S)	100	%	70-130		2.5		09/27/21 19:32	2037-26-5	

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### ANALYTICAL RESULTS

Project: 419607.0000 PHASE 4 LEMBERGER

Pace Project No.: 40233822

**Sample: RM-007D**      **Lab ID: 40233822004**      Collected: 09/22/21 17:58      Received: 09/23/21 13:50      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>300.0 IC Anions</b>									
Analytical Method: EPA 300.0									
Pace Analytical Services - Green Bay									
Chloride	<b>12.3</b>	mg/L	10.0	2.2	5		10/03/21 19:37	16887-00-6	
Sulfate	<b>183 J+</b>	mg/L	10.0	2.2	5		10/03/21 19:37	14808-79-8	
<b>310.2 Alkalinity</b>									
Analytical Method: EPA 310.2									
Pace Analytical Services - Green Bay									
Alkalinity, Total as CaCO3	<b>514</b>	mg/L	49.6	14.9	2		10/06/21 13:19		
<b>353.2 Nitrogen, NO2/NO3 pres.</b>									
Analytical Method: EPA 353.2									
Pace Analytical Services - Green Bay									
Nitrogen, NO2 plus NO3	<b>1.5 J-</b>	mg/L	0.25	0.059	1		10/04/21 13:01		
<b>5310C TOC</b>									
Analytical Method: SM 5310C									
Pace Analytical Services - Green Bay									
Total Organic Carbon	<b>2.5 J+</b>	mg/L	0.50	0.14	1		09/27/21 13:33	7440-44-0	

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### ANALYTICAL RESULTS

Project: 419607.0000 PHASE 4 LEMBERGER

Pace Project No.: 40233822

**Sample: FDUP-002**      **Lab ID: 40233822005**      Collected: 09/22/21 00:00      Received: 09/23/21 13:50      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>6020B MET ICPMS</b>									
Analytical Method: EPA 6020B    Preparation Method: EPA 3010A									
Pace Analytical Services - Green Bay									
Iron	<58.0	ug/L	250	58.0	1	09/28/21 05:37	09/28/21 20:31	7439-89-6	
Manganese	5.4	ug/L	4.0	1.2	1	09/28/21 05:37	09/28/21 20:31	7439-96-5	
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1-Trichloroethane	274	ug/L	5.0	1.5	5		09/28/21 10:50	71-55-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		09/27/21 18:53	79-34-5	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		09/27/21 18:53	79-00-5	
1,1-Dichloroethane	259	ug/L	1.0	0.30	1		09/27/21 18:53	75-34-3	
1,1-Dichloroethene	22.0	ug/L	1.0	0.58	1		09/27/21 18:53	75-35-4	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		09/27/21 18:53	107-06-2	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		09/27/21 18:53	78-87-5	
2-Butanone (MEK)	<6.5	ug/L	25.0	6.5	1		09/27/21 18:53	78-93-3	
2-Hexanone	<6.3	ug/L	25.0	6.3	1		09/27/21 18:53	591-78-6	
4-Methyl-2-pentanone (MIBK)	<6.0	ug/L	25.0	6.0	1		09/27/21 18:53	108-10-1	
Acetone	<8.6	ug/L	25.0	8.6	1		09/27/21 18:53	67-64-1	
Benzene	<0.30	ug/L	1.0	0.30	1		09/27/21 18:53	71-43-2	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		09/27/21 18:53	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		09/27/21 18:53	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		09/27/21 18:53	74-83-9	
Carbon disulfide	<1.1	ug/L	5.0	1.1	1		09/27/21 18:53	75-15-0	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		09/27/21 18:53	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		09/27/21 18:53	108-90-7	
Chloroethane	5.3	ug/L	5.0	1.4	1		09/27/21 18:53	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		09/27/21 18:53	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		09/27/21 18:53	74-87-3	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		09/27/21 18:53	124-48-1	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		09/27/21 18:53	100-41-4	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		09/27/21 18:53	75-09-2	
Styrene	<0.36	ug/L	1.0	0.36	1		09/27/21 18:53	100-42-5	
Tetrachloroethene	3.6	ug/L	1.0	0.41	1		09/27/21 18:53	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		09/27/21 18:53	108-88-3	
Trichloroethene	61.7	ug/L	1.0	0.32	1		09/27/21 18:53	79-01-6	
Vinyl chloride	0.43J	ug/L	1.0	0.17	1		09/27/21 18:53	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		09/27/21 18:53	1330-20-7	
cis-1,2-Dichloroethene	68.2	ug/L	1.0	0.47	1		09/27/21 18:53	156-59-2	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		09/27/21 18:53	10061-01-5	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		09/27/21 18:53	156-60-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		09/27/21 18:53	10061-02-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	99	%	70-130		1		09/27/21 18:53	460-00-4	
1,2-Dichlorobenzene-d4 (S)	103	%	70-130		1		09/27/21 18:53	2199-69-1	
Toluene-d8 (S)	101	%	70-130		1		09/27/21 18:53	2037-26-5	

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### ANALYTICAL RESULTS

Project: 419607.0000 PHASE 4 LEMBERGER  
Pace Project No.: 40233822

**Sample: FDUP-002**      **Lab ID: 40233822005**      Collected: 09/22/21 00:00      Received: 09/23/21 13:50      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>300.0 IC Anions</b>									
Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay									
Chloride	<b>12.3</b>	mg/L	10.0	2.2	5		10/03/21 19:52	16887-00-6	
Sulfate	<b>183 J+</b>	mg/L	10.0	2.2	5		10/03/21 19:52	14808-79-8	
<b>310.2 Alkalinity</b>									
Analytical Method: EPA 310.2 Pace Analytical Services - Green Bay									
Alkalinity, Total as CaCO3	<b>512</b>	mg/L	49.6	14.9	2		10/06/21 13:20		
<b>353.2 Nitrogen, NO2/NO3 pres.</b>									
Analytical Method: EPA 353.2 Pace Analytical Services - Green Bay									
Nitrogen, NO2 plus NO3	<b>1.5 J-</b>	mg/L	0.25	0.059	1		10/04/21 13:02		
<b>5310C TOC</b>									
Analytical Method: SM 5310C Pace Analytical Services - Green Bay									
Total Organic Carbon	<b>2.5 J+</b>	mg/L	0.50	0.14	1		09/27/21 14:07	7440-44-0	

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### ANALYTICAL RESULTS

Project: 419607.0000 PHASE 4 LEMBERGER  
Pace Project No.: 40233822

Sample: TB-001 Lab ID: 40233822006 Collected: 09/22/21 00:00 Received: 09/23/21 13:50 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		09/27/21 13:44	71-55-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		09/27/21 13:44	79-34-5	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		09/27/21 13:44	79-00-5	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		09/27/21 13:44	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		09/27/21 13:44	75-35-4	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		09/27/21 13:44	107-06-2	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		09/27/21 13:44	78-87-5	
2-Butanone (MEK)	<6.5	ug/L	25.0	6.5	1		09/27/21 13:44	78-93-3	
2-Hexanone	<6.3	ug/L	25.0	6.3	1		09/27/21 13:44	591-78-6	
4-Methyl-2-pentanone (MIBK)	<6.0	ug/L	25.0	6.0	1		09/27/21 13:44	108-10-1	
Acetone	<8.6	ug/L	25.0	8.6	1		09/27/21 13:44	67-64-1	
Benzene	<0.30	ug/L	1.0	0.30	1		09/27/21 13:44	71-43-2	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		09/27/21 13:44	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		09/27/21 13:44	75-25-2	
Bromomethane	<1.2 UJ	ug/L	5.0	1.2	1		09/27/21 13:44	74-83-9	
Carbon disulfide	<1.1	ug/L	5.0	1.1	1		09/27/21 13:44	75-15-0	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		09/27/21 13:44	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		09/27/21 13:44	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		09/27/21 13:44	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		09/27/21 13:44	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		09/27/21 13:44	74-87-3	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		09/27/21 13:44	124-48-1	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		09/27/21 13:44	100-41-4	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		09/27/21 13:44	75-09-2	
Styrene	<0.36	ug/L	1.0	0.36	1		09/27/21 13:44	100-42-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		09/27/21 13:44	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		09/27/21 13:44	108-88-3	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		09/27/21 13:44	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		09/27/21 13:44	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		09/27/21 13:44	1330-20-7	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		09/27/21 13:44	156-59-2	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		09/27/21 13:44	10061-01-5	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		09/27/21 13:44	156-60-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		09/27/21 13:44	10061-02-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	100	%	70-130		1		09/27/21 13:44	460-00-4	
1,2-Dichlorobenzene-d4 (S)	103	%	70-130		1		09/27/21 13:44	2199-69-1	
Toluene-d8 (S)	99	%	70-130		1		09/27/21 13:44	2037-26-5	

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### ANALYTICAL RESULTS

Project: 419607.0000 PHASE 4 LEMBERGER  
Pace Project No.: 40233992

**Sample: RM-211D**      **Lab ID: 40233992001**      Collected: 09/25/21 12:20      Received: 09/27/21 12:35      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1-Trichloroethane	1.3	ug/L	1.0	0.30	1		09/28/21 12:04	71-55-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		09/28/21 12:04	79-34-5	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		09/28/21 12:04	79-00-5	
1,1-Dichloroethane	0.62J	ug/L	1.0	0.30	1		09/28/21 12:04	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		09/28/21 12:04	75-35-4	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		09/28/21 12:04	107-06-2	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		09/28/21 12:04	78-87-5	
2-Butanone (MEK)	<6.5	ug/L	25.0	6.5	1		09/28/21 12:04	78-93-3	
2-Hexanone	<6.3	ug/L	25.0	6.3	1		09/28/21 12:04	591-78-6	
4-Methyl-2-pentanone (MIBK)	<6.0	ug/L	25.0	6.0	1		09/28/21 12:04	108-10-1	
Acetone	<8.6	ug/L	25.0	8.6	1		09/28/21 12:04	67-64-1	
Benzene	<0.30	ug/L	1.0	0.30	1		09/28/21 12:04	71-43-2	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		09/28/21 12:04	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		09/28/21 12:04	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		09/28/21 12:04	74-83-9	
Carbon disulfide	<1.1	ug/L	5.0	1.1	1		09/28/21 12:04	75-15-0	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		09/28/21 12:04	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		09/28/21 12:04	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		09/28/21 12:04	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		09/28/21 12:04	67-66-3	
Chloromethane	<1.6 JJ	ug/L	5.0	1.6	1		09/28/21 12:04	74-87-3	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		09/28/21 12:04	124-48-1	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		09/28/21 12:04	100-41-4	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		09/28/21 12:04	75-09-2	
Styrene	<0.36	ug/L	1.0	0.36	1		09/28/21 12:04	100-42-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		09/28/21 12:04	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		09/28/21 12:04	108-88-3	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		09/28/21 12:04	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		09/28/21 12:04	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		09/28/21 12:04	1330-20-7	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		09/28/21 12:04	156-59-2	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		09/28/21 12:04	10061-01-5	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		09/28/21 12:04	156-60-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		09/28/21 12:04	10061-02-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	84	%	70-130		1		09/28/21 12:04	460-00-4	
1,2-Dichlorobenzene-d4 (S)	104	%	70-130		1		09/28/21 12:04	2199-69-1	
Toluene-d8 (S)	93	%	70-130		1		09/28/21 12:04	2037-26-5	

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### ANALYTICAL RESULTS

Project: 419607.0000 PHASE 4 LEMBERGER

Pace Project No.: 40233992

Sample: RM-404XXD Lab ID: 40233992002 Collected: 09/25/21 14:07 Received: 09/27/21 12:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>6020B MET ICPMS</b>									
Analytical Method: EPA 6020B Preparation Method: EPA 3010A									
Pace Analytical Services - Green Bay									
Iron	73.3J	ug/L	250	58.0	1	09/28/21 05:37	09/29/21 19:58	7439-89-6	
Manganese	3.4J	ug/L	4.0	1.2	1	09/28/21 05:37	09/29/21 19:58	7439-96-5	
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1-Trichloroethane	0.71J	ug/L	1.0	0.30	1		09/28/21 12:23	71-55-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		09/28/21 12:23	79-34-5	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		09/28/21 12:23	79-00-5	
1,1-Dichloroethane	0.36J	ug/L	1.0	0.30	1		09/28/21 12:23	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		09/28/21 12:23	75-35-4	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		09/28/21 12:23	107-06-2	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		09/28/21 12:23	78-87-5	
2-Butanone (MEK)	<6.5	ug/L	25.0	6.5	1		09/28/21 12:23	78-93-3	
2-Hexanone	<6.3	ug/L	25.0	6.3	1		09/28/21 12:23	591-78-6	
4-Methyl-2-pentanone (MIBK)	<6.0	ug/L	25.0	6.0	1		09/28/21 12:23	108-10-1	
Acetone	<8.6	ug/L	25.0	8.6	1		09/28/21 12:23	67-64-1	
Benzene	<0.30	ug/L	1.0	0.30	1		09/28/21 12:23	71-43-2	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		09/28/21 12:23	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		09/28/21 12:23	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		09/28/21 12:23	74-83-9	
Carbon disulfide	<1.1	ug/L	5.0	1.1	1		09/28/21 12:23	75-15-0	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		09/28/21 12:23	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		09/28/21 12:23	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		09/28/21 12:23	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		09/28/21 12:23	67-66-3	
Chloromethane	<1.6 JJ	ug/L	5.0	1.6	1		09/28/21 12:23	74-87-3	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		09/28/21 12:23	124-48-1	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		09/28/21 12:23	100-41-4	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		09/28/21 12:23	75-09-2	
Styrene	<0.36	ug/L	1.0	0.36	1		09/28/21 12:23	100-42-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		09/28/21 12:23	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		09/28/21 12:23	108-88-3	
Trichloroethene	0.35J	ug/L	1.0	0.32	1		09/28/21 12:23	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		09/28/21 12:23	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		09/28/21 12:23	1330-20-7	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		09/28/21 12:23	156-59-2	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		09/28/21 12:23	10061-01-5	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		09/28/21 12:23	156-60-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		09/28/21 12:23	10061-02-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	82	%	70-130		1		09/28/21 12:23	460-00-4	
1,2-Dichlorobenzene-d4 (S)	105	%	70-130		1		09/28/21 12:23	2199-69-1	
Toluene-d8 (S)	93	%	70-130		1		09/28/21 12:23	2037-26-5	

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## ANALYTICAL RESULTS

Project: 419607.0000 PHASE 4 LEMBERGER

Pace Project No.: 40233992

**Sample: RM-404XD**      **Lab ID: 40233992002**      Collected: 09/25/21 14:07      Received: 09/27/21 12:35      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>300.0 IC Anions</b>									
Analytical Method: EPA 300.0									
Pace Analytical Services - Green Bay									
Chloride	<b>12.3</b>	mg/L	2.0	0.43	1		10/05/21 14:47	16887-00-6	
Sulfate	<b>45.3 J+</b>	mg/L	2.0	0.44	1		10/05/21 14:47	14808-79-8	
<b>310.2 Alkalinity</b>									
Analytical Method: EPA 310.2									
Pace Analytical Services - Green Bay									
Alkalinity, Total as CaCO3	<b>353</b>	mg/L	24.8	7.4	1		10/06/21 13:25		
<b>353.2 Nitrogen, NO2/NO3 pres.</b>									
Analytical Method: EPA 353.2									
Pace Analytical Services - Green Bay									
Nitrogen, NO2 plus NO3	<b>3.6</b>	mg/L	0.25	0.059	1		10/04/21 13:04		
<b>5310C TOC</b>									
Analytical Method: SM 5310C									
Pace Analytical Services - Green Bay									
Total Organic Carbon	<b>1.1 J+</b>	mg/L	0.50	0.14	1		10/06/21 05:47	7440-44-0	

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## ANALYTICAL RESULTS

Project: 419607.0000 PHASE 4 LEMBERGER

Pace Project No.: 40233992

**Sample: RM-101D**      **Lab ID: 40233992003**      Collected: 09/25/21 18:34      Received: 09/27/21 12:35      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1-Trichloroethane	2.0	ug/L	1.0	0.30	1		09/28/21 12:42	71-55-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		09/28/21 12:42	79-34-5	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		09/28/21 12:42	79-00-5	
1,1-Dichloroethane	2.1	ug/L	1.0	0.30	1		09/28/21 12:42	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		09/28/21 12:42	75-35-4	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		09/28/21 12:42	107-06-2	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		09/28/21 12:42	78-87-5	
2-Butanone (MEK)	<6.5	ug/L	25.0	6.5	1		09/28/21 12:42	78-93-3	
2-Hexanone	<6.3	ug/L	25.0	6.3	1		09/28/21 12:42	591-78-6	
4-Methyl-2-pentanone (MIBK)	<6.0	ug/L	25.0	6.0	1		09/28/21 12:42	108-10-1	
Acetone	<8.6	ug/L	25.0	8.6	1		09/28/21 12:42	67-64-1	
Benzene	<0.30	ug/L	1.0	0.30	1		09/28/21 12:42	71-43-2	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		09/28/21 12:42	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		09/28/21 12:42	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		09/28/21 12:42	74-83-9	
Carbon disulfide	<1.1	ug/L	5.0	1.1	1		09/28/21 12:42	75-15-0	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		09/28/21 12:42	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		09/28/21 12:42	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		09/28/21 12:42	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		09/28/21 12:42	67-66-3	
Chloromethane	<1.6 UJ	ug/L	5.0	1.6	1		09/28/21 12:42	74-87-3	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		09/28/21 12:42	124-48-1	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		09/28/21 12:42	100-41-4	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		09/28/21 12:42	75-09-2	
Styrene	<0.36	ug/L	1.0	0.36	1		09/28/21 12:42	100-42-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		09/28/21 12:42	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		09/28/21 12:42	108-88-3	
Trichloroethene	0.87J	ug/L	1.0	0.32	1		09/28/21 12:42	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		09/28/21 12:42	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		09/28/21 12:42	1330-20-7	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		09/28/21 12:42	156-59-2	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		09/28/21 12:42	10061-01-5	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		09/28/21 12:42	156-60-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		09/28/21 12:42	10061-02-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	82	%	70-130		1		09/28/21 12:42	460-00-4	
1,2-Dichlorobenzene-d4 (S)	102	%	70-130		1		09/28/21 12:42	2199-69-1	
Toluene-d8 (S)	93	%	70-130		1		09/28/21 12:42	2037-26-5	

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## ANALYTICAL RESULTS

Project: 419607.0000 PHASE 4 LEMBERGER

Pace Project No.: 40233992

**Sample: TB-001**      **Lab ID: 40233992004**      Collected: 09/25/21 00:00      Received: 09/27/21 12:35      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		09/28/21 11:45	71-55-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		09/28/21 11:45	79-34-5	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		09/28/21 11:45	79-00-5	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		09/28/21 11:45	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		09/28/21 11:45	75-35-4	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		09/28/21 11:45	107-06-2	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		09/28/21 11:45	78-87-5	
2-Butanone (MEK)	<6.5	ug/L	25.0	6.5	1		09/28/21 11:45	78-93-3	
2-Hexanone	<6.3	ug/L	25.0	6.3	1		09/28/21 11:45	591-78-6	
4-Methyl-2-pentanone (MIBK)	<6.0	ug/L	25.0	6.0	1		09/28/21 11:45	108-10-1	
Acetone	<8.6	ug/L	25.0	8.6	1		09/28/21 11:45	67-64-1	
Benzene	<0.30	ug/L	1.0	0.30	1		09/28/21 11:45	71-43-2	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		09/28/21 11:45	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		09/28/21 11:45	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		09/28/21 11:45	74-83-9	
Carbon disulfide	<1.1	ug/L	5.0	1.1	1		09/28/21 11:45	75-15-0	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		09/28/21 11:45	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		09/28/21 11:45	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		09/28/21 11:45	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		09/28/21 11:45	67-66-3	
Chloromethane	<1.6 UJ	ug/L	5.0	1.6	1		09/28/21 11:45	74-87-3	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		09/28/21 11:45	124-48-1	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		09/28/21 11:45	100-41-4	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		09/28/21 11:45	75-09-2	
Styrene	<0.36	ug/L	1.0	0.36	1		09/28/21 11:45	100-42-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		09/28/21 11:45	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		09/28/21 11:45	108-88-3	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		09/28/21 11:45	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		09/28/21 11:45	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		09/28/21 11:45	1330-20-7	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		09/28/21 11:45	156-59-2	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		09/28/21 11:45	10061-01-5	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		09/28/21 11:45	156-60-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		09/28/21 11:45	10061-02-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	84	%	70-130		1		09/28/21 11:45	460-00-4	
1,2-Dichlorobenzene-d4 (S)	104	%	70-130		1		09/28/21 11:45	2199-69-1	
Toluene-d8 (S)	91	%	70-130		1		09/28/21 11:45	2037-26-5	

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### ANALYTICAL RESULTS

Project: 419607.0000 PHASE 4 LEMBERGER

Pace Project No.: 40233993

**Sample: RM-003D**      **Lab ID: 40233993001**      Collected: 09/25/21 15:55      Received: 09/27/21 12:35      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1-Trichloroethane	18.5	ug/L	1.0	0.30	1		09/30/21 13:19	71-55-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		09/30/21 13:19	79-34-5	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		09/30/21 13:19	79-00-5	
1,1-Dichloroethane	9.9	ug/L	1.0	0.30	1		09/30/21 13:19	75-34-3	
1,1-Dichloroethene	2.0	ug/L	1.0	0.58	1		09/30/21 13:19	75-35-4	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		09/30/21 13:19	107-06-2	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		09/30/21 13:19	78-87-5	
2-Butanone (MEK)	<6.5 UJ	ug/L	25.0	6.5	1		09/30/21 13:19	78-93-3	
2-Hexanone	<6.3 UJ	ug/L	25.0	6.3	1		09/30/21 13:19	591-78-6	
4-Methyl-2-pentanone (MIBK)	<6.0	ug/L	25.0	6.0	1		09/30/21 13:19	108-10-1	
Acetone	<8.6 UJ	ug/L	25.0	8.6	1		09/30/21 13:19	67-64-1	
Benzene	<0.30	ug/L	1.0	0.30	1		09/30/21 13:19	71-43-2	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		09/30/21 13:19	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		09/30/21 13:19	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		09/30/21 13:19	74-83-9	
Carbon disulfide	<1.1	ug/L	5.0	1.1	1		09/30/21 13:19	75-15-0	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		09/30/21 13:19	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		09/30/21 13:19	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		09/30/21 13:19	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		09/30/21 13:19	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		09/30/21 13:19	74-87-3	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		09/30/21 13:19	124-48-1	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		09/30/21 13:19	100-41-4	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		09/30/21 13:19	75-09-2	
Styrene	<0.36	ug/L	1.0	0.36	1		09/30/21 13:19	100-42-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		09/30/21 13:19	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		09/30/21 13:19	108-88-3	
Trichloroethene	3.4	ug/L	1.0	0.32	1		09/30/21 13:19	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		09/30/21 13:19	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		09/30/21 13:19	1330-20-7	
cis-1,2-Dichloroethene	3.2	ug/L	1.0	0.47	1		09/30/21 13:19	156-59-2	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		09/30/21 13:19	10061-01-5	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		09/30/21 13:19	156-60-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		09/30/21 13:19	10061-02-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	108	%	70-130		1		09/30/21 13:19	460-00-4	
1,2-Dichlorobenzene-d4 (S)	104	%	70-130		1		09/30/21 13:19	2199-69-1	
Toluene-d8 (S)	107	%	70-130		1		09/30/21 13:19	2037-26-5	

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### ANALYTICAL RESULTS

Project: 419607.0000 PHASE 4 LEMBERGER

Pace Project No.: 40233993

**Sample: RM-003XXD**      **Lab ID: 40233993002**      Collected: 09/25/21 17:11      Received: 09/27/21 12:35      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>6020B MET ICPMS</b>									
Analytical Method: EPA 6020B    Preparation Method: EPA 3010A									
Pace Analytical Services - Green Bay									
Iron	<58.0	ug/L	250	58.0	1	09/28/21 05:37	09/28/21 18:48	7439-89-6	
Manganese	<1.2	ug/L	4.0	1.2	1	09/28/21 05:37	09/28/21 18:48	7439-96-5	
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1-Trichloroethane	2.4	ug/L	1.0	0.30	1		09/30/21 13:39	71-55-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		09/30/21 13:39	79-34-5	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		09/30/21 13:39	79-00-5	
1,1-Dichloroethane	1.4	ug/L	1.0	0.30	1		09/30/21 13:39	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		09/30/21 13:39	75-35-4	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		09/30/21 13:39	107-06-2	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		09/30/21 13:39	78-87-5	
2-Butanone (MEK)	<6.5 UJ	ug/L	25.0	6.5	1		09/30/21 13:39	78-93-3	
2-Hexanone	<6.3 UJ	ug/L	25.0	6.3	1		09/30/21 13:39	591-78-6	
4-Methyl-2-pentanone (MIBK)	<6.0	ug/L	25.0	6.0	1		09/30/21 13:39	108-10-1	
Acetone	<8.6 UJ	ug/L	25.0	8.6	1		09/30/21 13:39	67-64-1	
Benzene	<0.30	ug/L	1.0	0.30	1		09/30/21 13:39	71-43-2	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		09/30/21 13:39	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		09/30/21 13:39	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		09/30/21 13:39	74-83-9	
Carbon disulfide	<1.1	ug/L	5.0	1.1	1		09/30/21 13:39	75-15-0	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		09/30/21 13:39	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		09/30/21 13:39	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		09/30/21 13:39	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		09/30/21 13:39	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		09/30/21 13:39	74-87-3	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		09/30/21 13:39	124-48-1	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		09/30/21 13:39	100-41-4	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		09/30/21 13:39	75-09-2	--R1--
Styrene	<0.36	ug/L	1.0	0.36	1		09/30/21 13:39	100-42-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		09/30/21 13:39	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		09/30/21 13:39	108-88-3	
Trichloroethene	0.49J	ug/L	1.0	0.32	1		09/30/21 13:39	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		09/30/21 13:39	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		09/30/21 13:39	1330-20-7	
cis-1,2-Dichloroethene	0.52J	ug/L	1.0	0.47	1		09/30/21 13:39	156-59-2	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		09/30/21 13:39	10061-01-5	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		09/30/21 13:39	156-60-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		09/30/21 13:39	10061-02-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	111	%	70-130		1		09/30/21 13:39	460-00-4	
1,2-Dichlorobenzene-d4 (S)	105	%	70-130		1		09/30/21 13:39	2199-69-1	
Toluene-d8 (S)	101	%	70-130		1		09/30/21 13:39	2037-26-5	

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### ANALYTICAL RESULTS

Project: 419607.0000 PHASE 4 LEMBERGER  
Pace Project No.: 40233993

**Sample: RM-003XXD**      **Lab ID: 40233993002**      Collected: 09/25/21 17:11      Received: 09/27/21 12:35      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>300.0 IC Anions</b>									
Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay									
Chloride	<b>23.5</b>	mg/L	2.0	0.43	1		10/05/21 15:02	16887-00-6	
Sulfate	<b>30.2 J+</b>	mg/L	2.0	0.44	1		10/05/21 15:02	14808-79-8	M0
<b>310.2 Alkalinity</b>									
Analytical Method: EPA 310.2 Pace Analytical Services - Green Bay									
Alkalinity, Total as CaCO3	<b>321</b>	mg/L	49.6	14.9	2		10/06/21 13:26		
<b>353.2 Nitrogen, NO2/NO3 pres.</b>									
Analytical Method: EPA 353.2 Pace Analytical Services - Green Bay									
Nitrogen, NO2 plus NO3	<b>3.9</b>	mg/L	0.25	0.059	1		10/08/21 10:11		
<b>5310C TOC</b>									
Analytical Method: SM 5310C Pace Analytical Services - Green Bay									
Total Organic Carbon	<b>1.3 J+</b>	mg/L	0.50	0.14	1		10/06/21 06:33	7440-44-0	

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## ANALYTICAL RESULTS

Project: 419607.0000 PHASE 4 LEMBERGER  
Pace Project No.: 40233993

Sample: **RM-403XD** Lab ID: **40233993003** Collected: 09/26/21 09:59 Received: 09/27/21 12:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1-Trichloroethane	79.3	ug/L	1.0	0.30	1		09/30/21 14:19	71-55-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		09/30/21 14:19	79-34-5	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		09/30/21 14:19	79-00-5	
1,1-Dichloroethane	46.1	ug/L	1.0	0.30	1		09/30/21 14:19	75-34-3	
1,1-Dichloroethene	6.8	ug/L	1.0	0.58	1		09/30/21 14:19	75-35-4	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		09/30/21 14:19	107-06-2	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		09/30/21 14:19	78-87-5	
2-Butanone (MEK)	<6.5 UJ	ug/L	25.0	6.5	1		09/30/21 14:19	78-93-3	
2-Hexanone	<6.3 UJ	ug/L	25.0	6.3	1		09/30/21 14:19	591-78-6	
4-Methyl-2-pentanone (MIBK)	<6.0	ug/L	25.0	6.0	1		09/30/21 14:19	108-10-1	
Acetone	<8.6 UJ	ug/L	25.0	8.6	1		09/30/21 14:19	67-64-1	
Benzene	<0.30	ug/L	1.0	0.30	1		09/30/21 14:19	71-43-2	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		09/30/21 14:19	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		09/30/21 14:19	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		09/30/21 14:19	74-83-9	
Carbon disulfide	<1.1	ug/L	5.0	1.1	1		09/30/21 14:19	75-15-0	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		09/30/21 14:19	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		09/30/21 14:19	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		09/30/21 14:19	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		09/30/21 14:19	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		09/30/21 14:19	74-87-3	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		09/30/21 14:19	124-48-1	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		09/30/21 14:19	100-41-4	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		09/30/21 14:19	75-09-2	
Styrene	<0.36	ug/L	1.0	0.36	1		09/30/21 14:19	100-42-5	
Tetrachloroethene	1.0	ug/L	1.0	0.41	1		09/30/21 14:19	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		09/30/21 14:19	108-88-3	
Trichloroethene	11.1	ug/L	1.0	0.32	1		09/30/21 14:19	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		09/30/21 14:19	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		09/30/21 14:19	1330-20-7	
cis-1,2-Dichloroethene	8.8	ug/L	1.0	0.47	1		09/30/21 14:19	156-59-2	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		09/30/21 14:19	10061-01-5	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		09/30/21 14:19	156-60-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		09/30/21 14:19	10061-02-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	110	%	70-130		1		09/30/21 14:19	460-00-4	
1,2-Dichlorobenzene-d4 (S)	103	%	70-130		1		09/30/21 14:19	2199-69-1	
Toluene-d8 (S)	107	%	70-130		1		09/30/21 14:19	2037-26-5	

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### ANALYTICAL RESULTS

Project: 419607.0000 PHASE 4 LEMBERGER  
Pace Project No.: 40233993

Sample: **RM-401XXD** Lab ID: **40233993004** Collected: 09/26/21 11:37 Received: 09/27/21 12:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>6020B MET ICPMS</b>									
Analytical Method: EPA 6020B Preparation Method: EPA 3010A									
Pace Analytical Services - Green Bay									
Iron	<58.0	ug/L	250	58.0	1	09/28/21 05:37	09/28/21 19:32	7439-89-6	
Manganese	<1.2	ug/L	4.0	1.2	1	09/28/21 05:37	09/28/21 19:32	7439-96-5	
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1-Trichloroethane	4.3	ug/L	1.0	0.30	1		09/30/21 15:08	71-55-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		09/30/21 15:08	79-34-5	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		09/30/21 15:08	79-00-5	
1,1-Dichloroethane	2.1	ug/L	1.0	0.30	1		09/30/21 15:08	75-34-3	
1,1-Dichloroethene	1.3	ug/L	1.0	0.58	1		09/30/21 15:08	75-35-4	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		09/30/21 15:08	107-06-2	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		09/30/21 15:08	78-87-5	
2-Butanone (MEK)	<6.5 UJ	ug/L	25.0	6.5	1		09/30/21 15:08	78-93-3	
2-Hexanone	<6.3 UJ	ug/L	25.0	6.3	1		09/30/21 15:08	591-78-6	
4-Methyl-2-pentanone (MIBK)	<6.0	ug/L	25.0	6.0	1		09/30/21 15:08	108-10-1	
Acetone	<8.6 UJ	ug/L	25.0	8.6	1		09/30/21 15:08	67-64-1	
Benzene	<0.30	ug/L	1.0	0.30	1		09/30/21 15:08	71-43-2	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		09/30/21 15:08	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		09/30/21 15:08	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		09/30/21 15:08	74-83-9	
Carbon disulfide	<1.1	ug/L	5.0	1.1	1		09/30/21 15:08	75-15-0	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		09/30/21 15:08	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		09/30/21 15:08	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		09/30/21 15:08	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		09/30/21 15:08	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		09/30/21 15:08	74-87-3	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		09/30/21 15:08	124-48-1	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		09/30/21 15:08	100-41-4	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		09/30/21 15:08	75-09-2	
Styrene	<0.36	ug/L	1.0	0.36	1		09/30/21 15:08	100-42-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		09/30/21 15:08	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		09/30/21 15:08	108-88-3	
Trichloroethene	1.2	ug/L	1.0	0.32	1		09/30/21 15:08	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		09/30/21 15:08	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		09/30/21 15:08	1330-20-7	
cis-1,2-Dichloroethene	2.5	ug/L	1.0	0.47	1		09/30/21 15:08	156-59-2	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		09/30/21 15:08	10061-01-5	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		09/30/21 15:08	156-60-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		09/30/21 15:08	10061-02-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	117	%	70-130		1		09/30/21 15:08	460-00-4	
1,2-Dichlorobenzene-d4 (S)	111	%	70-130		1		09/30/21 15:08	2199-69-1	
Toluene-d8 (S)	107	%	70-130		1		09/30/21 15:08	2037-26-5	

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### ANALYTICAL RESULTS

Project: 419607.0000 PHASE 4 LEMBERGER  
Pace Project No.: 40233993

**Sample: RM-401XXD**      **Lab ID: 40233993004**      Collected: 09/26/21 11:37      Received: 09/27/21 12:35      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>300.0 IC Anions</b>									
Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay									
Chloride	<b>30.3</b>	mg/L	2.0	0.43	1		10/05/21 15:47	16887-00-6	
Sulfate	<b>23.1 J+</b>	mg/L	2.0	0.44	1		10/05/21 15:47	14808-79-8	
<b>310.2 Alkalinity</b>									
Analytical Method: EPA 310.2 Pace Analytical Services - Green Bay									
Alkalinity, Total as CaCO3	<b>296</b>	mg/L	24.8	7.4	1		10/06/21 13:32		
<b>353.2 Nitrogen, NO2/NO3 pres.</b>									
Analytical Method: EPA 353.2 Pace Analytical Services - Green Bay									
Nitrogen, NO2 plus NO3	<b>11.3 J-</b>	mg/L	0.50	0.12	2		10/08/21 11:21		
<b>5310C TOC</b>									
Analytical Method: SM 5310C Pace Analytical Services - Green Bay									
Total Organic Carbon	<b>1.1 J+</b>	mg/L	0.50	0.14	1		10/06/21 07:18	7440-44-0	

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### ANALYTICAL RESULTS

Project: 419607.0000 PHASE 4 LEMBERGER

Pace Project No.: 40233993

Sample: RM-002D Lab ID: 40233993005 Collected: 09/26/21 13:53 Received: 09/27/21 12:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>6020B MET ICPMS</b>									
Analytical Method: EPA 6020B Preparation Method: EPA 3010A									
Pace Analytical Services - Green Bay									
Iron	814	ug/L	250	58.0	1	09/28/21 05:37	09/28/21 19:47	7439-89-6	
Manganese	96.7	ug/L	4.0	1.2	1	09/28/21 05:37	09/28/21 19:47	7439-96-5	
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1-Trichloroethane	6.0	ug/L	1.0	0.30	1		09/30/21 15:29	71-55-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		09/30/21 15:29	79-34-5	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		09/30/21 15:29	79-00-5	
1,1-Dichloroethane	5.5	ug/L	1.0	0.30	1		09/30/21 15:29	75-34-3	
1,1-Dichloroethene	1.0	ug/L	1.0	0.58	1		09/30/21 15:29	75-35-4	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		09/30/21 15:29	107-06-2	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		09/30/21 15:29	78-87-5	
2-Butanone (MEK)	<6.5 UJ	ug/L	25.0	6.5	1		09/30/21 15:29	78-93-3	
2-Hexanone	<6.3 UJ	ug/L	25.0	6.3	1		09/30/21 15:29	591-78-6	
4-Methyl-2-pentanone (MIBK)	<6.0	ug/L	25.0	6.0	1		09/30/21 15:29	108-10-1	
Acetone	<8.6 UJ	ug/L	25.0	8.6	1		09/30/21 15:29	67-64-1	
Benzene	<0.30	ug/L	1.0	0.30	1		09/30/21 15:29	71-43-2	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		09/30/21 15:29	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		09/30/21 15:29	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		09/30/21 15:29	74-83-9	
Carbon disulfide	<1.1	ug/L	5.0	1.1	1		09/30/21 15:29	75-15-0	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		09/30/21 15:29	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		09/30/21 15:29	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		09/30/21 15:29	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		09/30/21 15:29	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		09/30/21 15:29	74-87-3	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		09/30/21 15:29	124-48-1	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		09/30/21 15:29	100-41-4	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		09/30/21 15:29	75-09-2	
Styrene	<0.36	ug/L	1.0	0.36	1		09/30/21 15:29	100-42-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		09/30/21 15:29	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		09/30/21 15:29	108-88-3	
Trichloroethene	1.5	ug/L	1.0	0.32	1		09/30/21 15:29	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		09/30/21 15:29	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		09/30/21 15:29	1330-20-7	
cis-1,2-Dichloroethene	1.3	ug/L	1.0	0.47	1		09/30/21 15:29	156-59-2	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		09/30/21 15:29	10061-01-5	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		09/30/21 15:29	156-60-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		09/30/21 15:29	10061-02-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	107	%	70-130		1		09/30/21 15:29	460-00-4	
1,2-Dichlorobenzene-d4 (S)	103	%	70-130		1		09/30/21 15:29	2199-69-1	
Toluene-d8 (S)	106	%	70-130		1		09/30/21 15:29	2037-26-5	

### REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 419607.0000 PHASE 4 LEMBERGER

Pace Project No.: 40233993

**Sample: RM-002D**      **Lab ID: 40233993005**      Collected: 09/26/21 13:53      Received: 09/27/21 12:35      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>300.0 IC Anions</b>									
Analytical Method: EPA 300.0									
Pace Analytical Services - Green Bay									
Chloride	<b>12.3</b>	mg/L	2.0	0.43	1		10/05/21 16:52	16887-00-6	
Sulfate	<b>39.4 J+</b>	mg/L	2.0	0.44	1		10/05/21 16:52	14808-79-8	
<b>310.2 Alkalinity</b>									
Analytical Method: EPA 310.2									
Pace Analytical Services - Green Bay									
Alkalinity, Total as CaCO <sub>3</sub>	<b>316</b>	mg/L	24.8	7.4	1		10/06/21 13:33		
<b>353.2 Nitrogen, NO<sub>2</sub>/NO<sub>3</sub> pres.</b>									
Analytical Method: EPA 353.2									
Pace Analytical Services - Green Bay									
Nitrogen, NO <sub>2</sub> plus NO <sub>3</sub>	<b>1.1 J-</b>	mg/L	0.25	0.059	1		10/08/21 10:13		
<b>5310C TOC</b>									
Analytical Method: SM 5310C									
Pace Analytical Services - Green Bay									
Total Organic Carbon	<b>1.5 J+</b>	mg/L	0.50	0.14	1		10/06/21 07:33	7440-44-0	

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### ANALYTICAL RESULTS

Project: 419607.0000 PHASE 4 LEMBERGER

Pace Project No.: 40233993

**Sample: RM-210D**      **Lab ID: 40233993006**      Collected: 09/26/21 16:27      Received: 09/27/21 12:35      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>6020B MET ICPMS</b>									
Analytical Method: EPA 6020B    Preparation Method: EPA 3010A									
Pace Analytical Services - Green Bay									
Iron	390	ug/L	250	58.0	1	09/28/21 05:37	09/28/21 19:54	7439-89-6	
Manganese	15.8	ug/L	4.0	1.2	1	09/28/21 05:37	09/28/21 19:54	7439-96-5	
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1-Trichloroethane	6.9	ug/L	1.0	0.30	1		09/30/21 15:50	71-55-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		09/30/21 15:50	79-34-5	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		09/30/21 15:50	79-00-5	
1,1-Dichloroethane	3.9	ug/L	1.0	0.30	1		09/30/21 15:50	75-34-3	
1,1-Dichloroethene	1.0J	ug/L	1.0	0.58	1		09/30/21 15:50	75-35-4	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		09/30/21 15:50	107-06-2	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		09/30/21 15:50	78-87-5	
2-Butanone (MEK)	<6.5 UJ	ug/L	25.0	6.5	1		09/30/21 15:50	78-93-3	
2-Hexanone	<6.3 UJ	ug/L	25.0	6.3	1		09/30/21 15:50	591-78-6	
4-Methyl-2-pentanone (MIBK)	<6.0	ug/L	25.0	6.0	1		09/30/21 15:50	108-10-1	
Acetone	<8.6 UJ	ug/L	25.0	8.6	1		09/30/21 15:50	67-64-1	
Benzene	<0.30	ug/L	1.0	0.30	1		09/30/21 15:50	71-43-2	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		09/30/21 15:50	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		09/30/21 15:50	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		09/30/21 15:50	74-83-9	
Carbon disulfide	<1.1	ug/L	5.0	1.1	1		09/30/21 15:50	75-15-0	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		09/30/21 15:50	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		09/30/21 15:50	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		09/30/21 15:50	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		09/30/21 15:50	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		09/30/21 15:50	74-87-3	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		09/30/21 15:50	124-48-1	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		09/30/21 15:50	100-41-4	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		09/30/21 15:50	75-09-2	
Styrene	<0.36	ug/L	1.0	0.36	1		09/30/21 15:50	100-42-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		09/30/21 15:50	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		09/30/21 15:50	108-88-3	
Trichloroethene	1.4	ug/L	1.0	0.32	1		09/30/21 15:50	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		09/30/21 15:50	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		09/30/21 15:50	1330-20-7	
cis-1,2-Dichloroethene	1.8	ug/L	1.0	0.47	1		09/30/21 15:50	156-59-2	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		09/30/21 15:50	10061-01-5	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		09/30/21 15:50	156-60-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		09/30/21 15:50	10061-02-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	109	%	70-130		1		09/30/21 15:50	460-00-4	
1,2-Dichlorobenzene-d4 (S)	102	%	70-130		1		09/30/21 15:50	2199-69-1	
Toluene-d8 (S)	101	%	70-130		1		09/30/21 15:50	2037-26-5	

### REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 419607.0000 PHASE 4 LEMBERGER

Pace Project No.: 40233993

**Sample: RM-210D**      **Lab ID: 40233993006**      Collected: 09/26/21 16:27      Received: 09/27/21 12:35      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>300.0 IC Anions</b>									
Analytical Method: EPA 300.0									
Pace Analytical Services - Green Bay									
Chloride	<b>16.8</b>	mg/L	2.0	0.43	1		10/05/21 17:06	16887-00-6	
Sulfate	<b>40.7 J+</b>	mg/L	2.0	0.44	1		10/05/21 17:06	14808-79-8	
<b>310.2 Alkalinity</b>									
Analytical Method: EPA 310.2									
Pace Analytical Services - Green Bay									
Alkalinity, Total as CaCO <sub>3</sub>	<b>355</b>	mg/L	24.8	7.4	1		10/06/21 13:34		
<b>353.2 Nitrogen, NO<sub>2</sub>/NO<sub>3</sub> pres.</b>									
Analytical Method: EPA 353.2									
Pace Analytical Services - Green Bay									
Nitrogen, NO <sub>2</sub> plus NO <sub>3</sub>	<b>3.8 J-</b>	mg/L	0.25	0.059	1		10/08/21 10:14		
<b>5310C TOC</b>									
Analytical Method: SM 5310C									
Pace Analytical Services - Green Bay									
Total Organic Carbon	<b>0.96 J+</b>	mg/L	0.50	0.14	1		10/06/21 07:46	7440-44-0	

## REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: 419607.0000 PHASE 4 LEMBERGER  
Pace Project No.: 40233993

**Sample: FDUP-001**      **Lab ID: 40233993007**      Collected: 09/26/21 00:00      Received: 09/27/21 12:35      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>6020B MET ICPMS</b>									
Analytical Method: EPA 6020B    Preparation Method: EPA 3010A									
Pace Analytical Services - Green Bay									
Iron	363	ug/L	250	58.0	1	09/28/21 05:37	09/28/21 20:01	7439-89-6	
Manganese	15.2	ug/L	4.0	1.2	1	09/28/21 05:37	09/28/21 20:01	7439-96-5	
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1-Trichloroethane	6.7	ug/L	1.0	0.30	1		09/30/21 16:11	71-55-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		09/30/21 16:11	79-34-5	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		09/30/21 16:11	79-00-5	
1,1-Dichloroethane	3.8	ug/L	1.0	0.30	1		09/30/21 16:11	75-34-3	
1,1-Dichloroethene	1.1	ug/L	1.0	0.58	1		09/30/21 16:11	75-35-4	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		09/30/21 16:11	107-06-2	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		09/30/21 16:11	78-87-5	
2-Butanone (MEK)	<6.5 UJ	ug/L	25.0	6.5	1		09/30/21 16:11	78-93-3	
2-Hexanone	<6.3 UJ	ug/L	25.0	6.3	1		09/30/21 16:11	591-78-6	
4-Methyl-2-pentanone (MIBK)	<6.0	ug/L	25.0	6.0	1		09/30/21 16:11	108-10-1	
Acetone	<8.6 UJ	ug/L	25.0	8.6	1		09/30/21 16:11	67-64-1	
Benzene	<0.30	ug/L	1.0	0.30	1		09/30/21 16:11	71-43-2	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		09/30/21 16:11	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		09/30/21 16:11	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		09/30/21 16:11	74-83-9	
Carbon disulfide	<1.1	ug/L	5.0	1.1	1		09/30/21 16:11	75-15-0	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		09/30/21 16:11	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		09/30/21 16:11	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		09/30/21 16:11	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		09/30/21 16:11	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		09/30/21 16:11	74-87-3	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		09/30/21 16:11	124-48-1	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		09/30/21 16:11	100-41-4	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		09/30/21 16:11	75-09-2	
Styrene	<0.36	ug/L	1.0	0.36	1		09/30/21 16:11	100-42-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		09/30/21 16:11	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		09/30/21 16:11	108-88-3	
Trichloroethene	1.4	ug/L	1.0	0.32	1		09/30/21 16:11	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		09/30/21 16:11	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		09/30/21 16:11	1330-20-7	
cis-1,2-Dichloroethene	1.8	ug/L	1.0	0.47	1		09/30/21 16:11	156-59-2	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		09/30/21 16:11	10061-01-5	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		09/30/21 16:11	156-60-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		09/30/21 16:11	10061-02-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	106	%	70-130		1		09/30/21 16:11	460-00-4	
1,2-Dichlorobenzene-d4 (S)	102	%	70-130		1		09/30/21 16:11	2199-69-1	
Toluene-d8 (S)	106	%	70-130		1		09/30/21 16:11	2037-26-5	

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## ANALYTICAL RESULTS

Project: 419607.0000 PHASE 4 LEMBERGER

Pace Project No.: 40233993

**Sample: FDUP-001**      **Lab ID: 40233993007**      Collected: 09/26/21 00:00      Received: 09/27/21 12:35      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>300.0 IC Anions</b>									
Analytical Method: EPA 300.0									
Pace Analytical Services - Green Bay									
Chloride	<b>16.8</b>	mg/L	2.0	0.43	1		10/05/21 17:21	16887-00-6	
Sulfate	<b>40.7 J+</b>	mg/L	2.0	0.44	1		10/05/21 17:21	14808-79-8	
<b>310.2 Alkalinity</b>									
Analytical Method: EPA 310.2									
Pace Analytical Services - Green Bay									
Alkalinity, Total as CaCO <sub>3</sub>	<b>357</b>	mg/L	24.8	7.4	1		10/06/21 13:35		
<b>353.2 Nitrogen, NO<sub>2</sub>/NO<sub>3</sub> pres.</b>									
Analytical Method: EPA 353.2									
Pace Analytical Services - Green Bay									
Nitrogen, NO <sub>2</sub> plus NO <sub>3</sub>	<b>3.8 J-</b>	mg/L	0.25	0.059	1		10/08/21 10:14		
<b>5310C TOC</b>									
Analytical Method: SM 5310C									
Pace Analytical Services - Green Bay									
Total Organic Carbon	<b>1.0 J+</b>	mg/L	0.50	0.14	1		10/06/21 08:01	7440-44-0	

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### ANALYTICAL RESULTS

Project: 419607.0000 PHASE 4 LEMBERGER  
Pace Project No.: 40233993

**Sample: FB-001**      **Lab ID: 40233993008**      Collected: 09/26/21 18:00      Received: 09/27/21 12:35      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>6020B MET ICPMS</b>									
Analytical Method: EPA 6020B    Preparation Method: EPA 3010A									
Pace Analytical Services - Green Bay									
Iron	<58.0	ug/L	250	58.0	1	09/28/21 05:37	09/28/21 18:33	7439-89-6	
Manganese	<1.2	ug/L	4.0	1.2	1	09/28/21 05:37	09/28/21 18:33	7439-96-5	
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		09/30/21 11:14	71-55-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		09/30/21 11:14	79-34-5	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		09/30/21 11:14	79-00-5	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		09/30/21 11:14	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		09/30/21 11:14	75-35-4	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		09/30/21 11:14	107-06-2	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		09/30/21 11:14	78-87-5	
2-Butanone (MEK)	<6.5 UJ	ug/L	25.0	6.5	1		09/30/21 11:14	78-93-3	
2-Hexanone	<6.3 UJ	ug/L	25.0	6.3	1		09/30/21 11:14	591-78-6	
4-Methyl-2-pentanone (MIBK)	<6.0	ug/L	25.0	6.0	1		09/30/21 11:14	108-10-1	
Acetone	<8.6 UJ	ug/L	25.0	8.6	1		09/30/21 11:14	67-64-1	
Benzene	<0.30	ug/L	1.0	0.30	1		09/30/21 11:14	71-43-2	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		09/30/21 11:14	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		09/30/21 11:14	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		09/30/21 11:14	74-83-9	
Carbon disulfide	<1.1	ug/L	5.0	1.1	1		09/30/21 11:14	75-15-0	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		09/30/21 11:14	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		09/30/21 11:14	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		09/30/21 11:14	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		09/30/21 11:14	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		09/30/21 11:14	74-87-3	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		09/30/21 11:14	124-48-1	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		09/30/21 11:14	100-41-4	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		09/30/21 11:14	75-09-2	
Styrene	<0.36	ug/L	1.0	0.36	1		09/30/21 11:14	100-42-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		09/30/21 11:14	127-18-4	
Toluene	2.1	ug/L	1.0	0.29	1		09/30/21 11:14	108-88-3	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		09/30/21 11:14	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		09/30/21 11:14	75-01-4	
Xylene (Total)	1.4J	ug/L	3.0	1.0	1		09/30/21 11:14	1330-20-7	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		09/30/21 11:14	156-59-2	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		09/30/21 11:14	10061-01-5	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		09/30/21 11:14	156-60-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		09/30/21 11:14	10061-02-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	114	%	70-130		1		09/30/21 11:14	460-00-4	
1,2-Dichlorobenzene-d4 (S)	104	%	70-130		1		09/30/21 11:14	2199-69-1	
Toluene-d8 (S)	108	%	70-130		1		09/30/21 11:14	2037-26-5	

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### ANALYTICAL RESULTS

Project: 419607.0000 PHASE 4 LEMBERGER

Pace Project No.: 40233993

**Sample: FB-001**      **Lab ID: 40233993008**      Collected: 09/26/21 18:00      Received: 09/27/21 12:35      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>300.0 IC Anions</b>									
Analytical Method: EPA 300.0									
Pace Analytical Services - Green Bay									
Chloride	<0.43	mg/L	2.0	0.43	1		10/05/21 17:36	16887-00-6	
Sulfate	<0.44	mg/L	2.0	0.44	1		10/05/21 17:36	14808-79-8	
<b>310.2 Alkalinity</b>									
Analytical Method: EPA 310.2									
Pace Analytical Services - Green Bay									
Alkalinity, Total as CaCO3	<7.4	mg/L	24.8	7.4	1		10/06/21 13:36		
<b>353.2 Nitrogen, NO2/NO3 pres.</b>									
Analytical Method: EPA 353.2									
Pace Analytical Services - Green Bay									
Nitrogen, NO2 plus NO3	<0.059	mg/L	0.25	0.059	1		10/08/21 10:15		
<b>5310C TOC</b>									
Analytical Method: SM 5310C									
Pace Analytical Services - Green Bay									
Total Organic Carbon	0.40J	mg/L	0.50	0.14	1		10/06/21 08:34	7440-44-0	

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## ANALYTICAL RESULTS

Project: 419607.0000 PHASE 4 LEMBERGER

Pace Project No.: 40233993

**Sample: TB-001**      **Lab ID: 40233993009**      Collected: 09/26/21 00:00      Received: 09/27/21 12:35      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		09/30/21 11:34	71-55-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		09/30/21 11:34	79-34-5	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		09/30/21 11:34	79-00-5	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		09/30/21 11:34	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		09/30/21 11:34	75-35-4	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		09/30/21 11:34	107-06-2	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		09/30/21 11:34	78-87-5	
2-Butanone (MEK)	<6.5 UJ	ug/L	25.0	6.5	1		09/30/21 11:34	78-93-3	
2-Hexanone	<6.3 UJ	ug/L	25.0	6.3	1		09/30/21 11:34	591-78-6	
4-Methyl-2-pentanone (MIBK)	<6.0	ug/L	25.0	6.0	1		09/30/21 11:34	108-10-1	
Acetone	<8.6 UJ	ug/L	25.0	8.6	1		09/30/21 11:34	67-64-1	
Benzene	<0.30	ug/L	1.0	0.30	1		09/30/21 11:34	71-43-2	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		09/30/21 11:34	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		09/30/21 11:34	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		09/30/21 11:34	74-83-9	
Carbon disulfide	<1.1	ug/L	5.0	1.1	1		09/30/21 11:34	75-15-0	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		09/30/21 11:34	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		09/30/21 11:34	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		09/30/21 11:34	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		09/30/21 11:34	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		09/30/21 11:34	74-87-3	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		09/30/21 11:34	124-48-1	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		09/30/21 11:34	100-41-4	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		09/30/21 11:34	75-09-2	
Styrene	<0.36	ug/L	1.0	0.36	1		09/30/21 11:34	100-42-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		09/30/21 11:34	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		09/30/21 11:34	108-88-3	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		09/30/21 11:34	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		09/30/21 11:34	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		09/30/21 11:34	1330-20-7	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		09/30/21 11:34	156-59-2	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		09/30/21 11:34	10061-01-5	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		09/30/21 11:34	156-60-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		09/30/21 11:34	10061-02-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	110	%	70-130		1		09/30/21 11:34	460-00-4	
1,2-Dichlorobenzene-d4 (S)	109	%	70-130		1		09/30/21 11:34	2199-69-1	
Toluene-d8 (S)	101	%	70-130		1		09/30/21 11:34	2037-26-5	

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## ANALYTICAL RESULTS

Project: 419607.0000 PHASE 4 LEMBERGER

Pace Project No.: 40234288

**Sample: GR-60R**      **Lab ID: 40234288001**      Collected: 09/29/21 07:45      Received: 10/01/21 07:20      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		10/04/21 21:24	71-55-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		10/04/21 21:24	79-34-5	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		10/04/21 21:24	79-00-5	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		10/04/21 21:24	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		10/04/21 21:24	75-35-4	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		10/04/21 21:24	107-06-2	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		10/04/21 21:24	78-87-5	
2-Butanone (MEK)	<6.5 UJ	ug/L	25.0	6.5	1		10/04/21 21:24	78-93-3	
2-Hexanone	<6.3	ug/L	25.0	6.3	1		10/04/21 21:24	591-78-6	
4-Methyl-2-pentanone (MIBK)	<6.0	ug/L	25.0	6.0	1		10/04/21 21:24	108-10-1	
Acetone	<8.6 UJ	ug/L	25.0	8.6	1		10/04/21 21:24	67-64-1	
Benzene	<0.30	ug/L	1.0	0.30	1		10/04/21 21:24	71-43-2	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		10/04/21 21:24	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		10/04/21 21:24	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		10/04/21 21:24	74-83-9	
Carbon disulfide	<1.1	ug/L	5.0	1.1	1		10/04/21 21:24	75-15-0	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		10/04/21 21:24	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		10/04/21 21:24	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		10/04/21 21:24	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		10/04/21 21:24	67-66-3	
Chloromethane	<1.6 UJ	ug/L	5.0	1.6	1		10/04/21 21:24	74-87-3	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		10/04/21 21:24	124-48-1	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		10/04/21 21:24	100-41-4	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		10/04/21 21:24	75-09-2	
Styrene	<0.36	ug/L	1.0	0.36	1		10/04/21 21:24	100-42-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		10/04/21 21:24	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		10/04/21 21:24	108-88-3	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		10/04/21 21:24	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		10/04/21 21:24	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		10/04/21 21:24	1330-20-7	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		10/04/21 21:24	156-59-2	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		10/04/21 21:24	10061-01-5	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		10/04/21 21:24	156-60-5	
trans-1,3-Dichloropropene	<3.5 UJ	ug/L	5.0	3.5	1		10/04/21 21:24	10061-02-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	81	%	70-130		1		10/04/21 21:24	460-00-4	
1,2-Dichlorobenzene-d4 (S)	105	%	70-130		1		10/04/21 21:24	2199-69-1	
Toluene-d8 (S)	93	%	70-130		1		10/04/21 21:24	2037-26-5	

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### ANALYTICAL RESULTS

Project: 419607.0000 PHASE 4 LEMBERGER

Pace Project No.: 40234288

Sample: GR-12 Lab ID: 40234288002 Collected: 09/29/21 09:40 Received: 10/01/21 07:20 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		10/04/21 22:57	71-55-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		10/04/21 22:57	79-34-5	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		10/04/21 22:57	79-00-5	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		10/04/21 22:57	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		10/04/21 22:57	75-35-4	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		10/04/21 22:57	107-06-2	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		10/04/21 22:57	78-87-5	
2-Butanone (MEK)	<6.5 UJ	ug/L	25.0	6.5	1		10/04/21 22:57	78-93-3	
2-Hexanone	<6.3	ug/L	25.0	6.3	1		10/04/21 22:57	591-78-6	
4-Methyl-2-pentanone (MIBK)	<6.0	ug/L	25.0	6.0	1		10/04/21 22:57	108-10-1	
Acetone	<8.6 UJ	ug/L	25.0	8.6	1		10/04/21 22:57	67-64-1	
Benzene	<0.30	ug/L	1.0	0.30	1		10/04/21 22:57	71-43-2	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		10/04/21 22:57	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		10/04/21 22:57	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		10/04/21 22:57	74-83-9	
Carbon disulfide	<1.1	ug/L	5.0	1.1	1		10/04/21 22:57	75-15-0	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		10/04/21 22:57	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		10/04/21 22:57	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		10/04/21 22:57	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		10/04/21 22:57	67-66-3	
Chloromethane	<1.6 UJ	ug/L	5.0	1.6	1		10/04/21 22:57	74-87-3	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		10/04/21 22:57	124-48-1	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		10/04/21 22:57	100-41-4	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		10/04/21 22:57	75-09-2	
Styrene	<0.36	ug/L	1.0	0.36	1		10/04/21 22:57	100-42-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		10/04/21 22:57	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		10/04/21 22:57	108-88-3	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		10/04/21 22:57	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		10/04/21 22:57	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		10/04/21 22:57	1330-20-7	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		10/04/21 22:57	156-59-2	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		10/04/21 22:57	10061-01-5	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		10/04/21 22:57	156-60-5	
trans-1,3-Dichloropropene	<3.5 UJ	ug/L	5.0	3.5	1		10/04/21 22:57	10061-02-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	83	%	70-130		1		10/04/21 22:57	460-00-4	
1,2-Dichlorobenzene-d4 (S)	104	%	70-130		1		10/04/21 22:57	2199-69-1	
Toluene-d8 (S)	93	%	70-130		1		10/04/21 22:57	2037-26-5	

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### ANALYTICAL RESULTS

Project: 419607.0000 PHASE 4 LEMBERGER  
Pace Project No.: 40234288

**Sample: GR-10**      **Lab ID: 40234288003**      Collected: 09/29/21 10:15      Received: 10/01/21 07:20      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		10/04/21 17:39	71-55-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		10/04/21 17:39	79-34-5	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		10/04/21 17:39	79-00-5	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		10/04/21 17:39	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		10/04/21 17:39	75-35-4	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		10/04/21 17:39	107-06-2	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		10/04/21 17:39	78-87-5	
2-Butanone (MEK)	<6.5 UJ	ug/L	25.0	6.5	1		10/04/21 17:39	78-93-3	
2-Hexanone	<6.3	ug/L	25.0	6.3	1		10/04/21 17:39	591-78-6	
4-Methyl-2-pentanone (MIBK)	<6.0	ug/L	25.0	6.0	1		10/04/21 17:39	108-10-1	
Acetone	<8.6 UJ	ug/L	25.0	8.6	1		10/04/21 17:39	67-64-1	
Benzene	<0.30	ug/L	1.0	0.30	1		10/04/21 17:39	71-43-2	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		10/04/21 17:39	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		10/04/21 17:39	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		10/04/21 17:39	74-83-9	
Carbon disulfide	<1.1	ug/L	5.0	1.1	1		10/04/21 17:39	75-15-0	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		10/04/21 17:39	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		10/04/21 17:39	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		10/04/21 17:39	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		10/04/21 17:39	67-66-3	
Chloromethane	<1.6 UJ	ug/L	5.0	1.6	1		10/04/21 17:39	74-87-3	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		10/04/21 17:39	124-48-1	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		10/04/21 17:39	100-41-4	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		10/04/21 17:39	75-09-2	
Styrene	<0.36	ug/L	1.0	0.36	1		10/04/21 17:39	100-42-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		10/04/21 17:39	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		10/04/21 17:39	108-88-3	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		10/04/21 17:39	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		10/04/21 17:39	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		10/04/21 17:39	1330-20-7	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		10/04/21 17:39	156-59-2	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		10/04/21 17:39	10061-01-5	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		10/04/21 17:39	156-60-5	
trans-1,3-Dichloropropene	<3.5 UJ	ug/L	5.0	3.5	1		10/04/21 17:39	10061-02-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	82	%	70-130		1		10/04/21 17:39	460-00-4	
1,2-Dichlorobenzene-d4 (S)	105	%	70-130		1		10/04/21 17:39	2199-69-1	
Toluene-d8 (S)	91	%	70-130		1		10/04/21 17:39	2037-26-5	

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### ANALYTICAL RESULTS

Project: 419607.0000 PHASE 4 LEMBERGER  
Pace Project No.: 40234288

Sample: GR-09 Lab ID: 40234288004 Collected: 09/29/21 10:54 Received: 10/01/21 07:20 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		10/04/21 17:58	71-55-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		10/04/21 17:58	79-34-5	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		10/04/21 17:58	79-00-5	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		10/04/21 17:58	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		10/04/21 17:58	75-35-4	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		10/04/21 17:58	107-06-2	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		10/04/21 17:58	78-87-5	
2-Butanone (MEK)	<6.5 UJ	ug/L	25.0	6.5	1		10/04/21 17:58	78-93-3	
2-Hexanone	<6.3	ug/L	25.0	6.3	1		10/04/21 17:58	591-78-6	
4-Methyl-2-pentanone (MIBK)	<6.0	ug/L	25.0	6.0	1		10/04/21 17:58	108-10-1	
Acetone	<8.6 UJ	ug/L	25.0	8.6	1		10/04/21 17:58	67-64-1	
Benzene	<0.30	ug/L	1.0	0.30	1		10/04/21 17:58	71-43-2	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		10/04/21 17:58	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		10/04/21 17:58	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		10/04/21 17:58	74-83-9	
Carbon disulfide	<1.1	ug/L	5.0	1.1	1		10/04/21 17:58	75-15-0	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		10/04/21 17:58	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		10/04/21 17:58	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		10/04/21 17:58	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		10/04/21 17:58	67-66-3	
Chloromethane	<1.6 UJ	ug/L	5.0	1.6	1		10/04/21 17:58	74-87-3	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		10/04/21 17:58	124-48-1	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		10/04/21 17:58	100-41-4	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		10/04/21 17:58	75-09-2	
Styrene	<0.36	ug/L	1.0	0.36	1		10/04/21 17:58	100-42-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		10/04/21 17:58	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		10/04/21 17:58	108-88-3	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		10/04/21 17:58	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		10/04/21 17:58	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		10/04/21 17:58	1330-20-7	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		10/04/21 17:58	156-59-2	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		10/04/21 17:58	10061-01-5	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		10/04/21 17:58	156-60-5	
trans-1,3-Dichloropropene	<3.5 UJ	ug/L	5.0	3.5	1		10/04/21 17:58	10061-02-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	82	%	70-130		1		10/04/21 17:58	460-00-4	
1,2-Dichlorobenzene-d4 (S)	104	%	70-130		1		10/04/21 17:58	2199-69-1	
Toluene-d8 (S)	92	%	70-130		1		10/04/21 17:58	2037-26-5	

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### ANALYTICAL RESULTS

Project: 419607.0000 PHASE 4 LEMBERGER  
Pace Project No.: 40234288

**Sample: GR-08**      **Lab ID: 40234288005**      Collected: 09/29/21 11:39      Received: 10/01/21 07:20      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		10/04/21 18:16	71-55-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		10/04/21 18:16	79-34-5	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		10/04/21 18:16	79-00-5	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		10/04/21 18:16	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		10/04/21 18:16	75-35-4	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		10/04/21 18:16	107-06-2	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		10/04/21 18:16	78-87-5	
2-Butanone (MEK)	<6.5 UJ	ug/L	25.0	6.5	1		10/04/21 18:16	78-93-3	
2-Hexanone	<6.3	ug/L	25.0	6.3	1		10/04/21 18:16	591-78-6	
4-Methyl-2-pentanone (MIBK)	<6.0	ug/L	25.0	6.0	1		10/04/21 18:16	108-10-1	
Acetone	<8.6 UJ	ug/L	25.0	8.6	1		10/04/21 18:16	67-64-1	
Benzene	<0.30	ug/L	1.0	0.30	1		10/04/21 18:16	71-43-2	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		10/04/21 18:16	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		10/04/21 18:16	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		10/04/21 18:16	74-83-9	
Carbon disulfide	<1.1	ug/L	5.0	1.1	1		10/04/21 18:16	75-15-0	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		10/04/21 18:16	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		10/04/21 18:16	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		10/04/21 18:16	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		10/04/21 18:16	67-66-3	
Chloromethane	<1.6 UJ	ug/L	5.0	1.6	1		10/04/21 18:16	74-87-3	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		10/04/21 18:16	124-48-1	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		10/04/21 18:16	100-41-4	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		10/04/21 18:16	75-09-2	
Styrene	<0.36	ug/L	1.0	0.36	1		10/04/21 18:16	100-42-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		10/04/21 18:16	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		10/04/21 18:16	108-88-3	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		10/04/21 18:16	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		10/04/21 18:16	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		10/04/21 18:16	1330-20-7	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		10/04/21 18:16	156-59-2	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		10/04/21 18:16	10061-01-5	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		10/04/21 18:16	156-60-5	
trans-1,3-Dichloropropene	<3.5 UJ	ug/L	5.0	3.5	1		10/04/21 18:16	10061-02-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	81	%	70-130		1		10/04/21 18:16	460-00-4	
1,2-Dichlorobenzene-d4 (S)	104	%	70-130		1		10/04/21 18:16	2199-69-1	
Toluene-d8 (S)	91	%	70-130		1		10/04/21 18:16	2037-26-5	

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### ANALYTICAL RESULTS

Project: 419607.0000 PHASE 4 LEMBERGER

Pace Project No.: 40234288

Sample: GR-65 Lab ID: 40234288006 Collected: 09/29/21 13:33 Received: 10/01/21 07:20 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		10/04/21 18:35	71-55-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		10/04/21 18:35	79-34-5	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		10/04/21 18:35	79-00-5	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		10/04/21 18:35	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		10/04/21 18:35	75-35-4	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		10/04/21 18:35	107-06-2	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		10/04/21 18:35	78-87-5	
2-Butanone (MEK)	<6.5 UJ	ug/L	25.0	6.5	1		10/04/21 18:35	78-93-3	
2-Hexanone	<6.3	ug/L	25.0	6.3	1		10/04/21 18:35	591-78-6	
4-Methyl-2-pentanone (MIBK)	<6.0	ug/L	25.0	6.0	1		10/04/21 18:35	108-10-1	
Acetone	<8.6 UJ	ug/L	25.0	8.6	1		10/04/21 18:35	67-64-1	
Benzene	<0.30	ug/L	1.0	0.30	1		10/04/21 18:35	71-43-2	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		10/04/21 18:35	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		10/04/21 18:35	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		10/04/21 18:35	74-83-9	
Carbon disulfide	<1.1	ug/L	5.0	1.1	1		10/04/21 18:35	75-15-0	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		10/04/21 18:35	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		10/04/21 18:35	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		10/04/21 18:35	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		10/04/21 18:35	67-66-3	
Chloromethane	<1.6 UJ	ug/L	5.0	1.6	1		10/04/21 18:35	74-87-3	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		10/04/21 18:35	124-48-1	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		10/04/21 18:35	100-41-4	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		10/04/21 18:35	75-09-2	
Styrene	<0.36	ug/L	1.0	0.36	1		10/04/21 18:35	100-42-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		10/04/21 18:35	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		10/04/21 18:35	108-88-3	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		10/04/21 18:35	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		10/04/21 18:35	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		10/04/21 18:35	1330-20-7	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		10/04/21 18:35	156-59-2	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		10/04/21 18:35	10061-01-5	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		10/04/21 18:35	156-60-5	
trans-1,3-Dichloropropene	<3.5 UJ	ug/L	5.0	3.5	1		10/04/21 18:35	10061-02-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	84	%	70-130		1		10/04/21 18:35	460-00-4	
1,2-Dichlorobenzene-d4 (S)	107	%	70-130		1		10/04/21 18:35	2199-69-1	
Toluene-d8 (S)	92	%	70-130		1		10/04/21 18:35	2037-26-5	

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### ANALYTICAL RESULTS

Project: 419607.0000 PHASE 4 LEMBERGER  
Pace Project No.: 40234288

**Sample: GR-11**      **Lab ID: 40234288007**      Collected: 09/29/21 14:19      Received: 10/01/21 07:20      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		10/04/21 18:54	71-55-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		10/04/21 18:54	79-34-5	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		10/04/21 18:54	79-00-5	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		10/04/21 18:54	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		10/04/21 18:54	75-35-4	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		10/04/21 18:54	107-06-2	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		10/04/21 18:54	78-87-5	
2-Butanone (MEK)	<6.5 UJ	ug/L	25.0	6.5	1		10/04/21 18:54	78-93-3	
2-Hexanone	<6.3	ug/L	25.0	6.3	1		10/04/21 18:54	591-78-6	
4-Methyl-2-pentanone (MIBK)	<6.0	ug/L	25.0	6.0	1		10/04/21 18:54	108-10-1	
Acetone	<8.6 UJ	ug/L	25.0	8.6	1		10/04/21 18:54	67-64-1	
Benzene	<0.30	ug/L	1.0	0.30	1		10/04/21 18:54	71-43-2	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		10/04/21 18:54	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		10/04/21 18:54	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		10/04/21 18:54	74-83-9	
Carbon disulfide	<1.1	ug/L	5.0	1.1	1		10/04/21 18:54	75-15-0	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		10/04/21 18:54	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		10/04/21 18:54	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		10/04/21 18:54	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		10/04/21 18:54	67-66-3	
Chloromethane	<1.6 UJ	ug/L	5.0	1.6	1		10/04/21 18:54	74-87-3	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		10/04/21 18:54	124-48-1	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		10/04/21 18:54	100-41-4	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		10/04/21 18:54	75-09-2	
Styrene	<0.36	ug/L	1.0	0.36	1		10/04/21 18:54	100-42-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		10/04/21 18:54	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		10/04/21 18:54	108-88-3	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		10/04/21 18:54	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		10/04/21 18:54	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		10/04/21 18:54	1330-20-7	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		10/04/21 18:54	156-59-2	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		10/04/21 18:54	10061-01-5	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		10/04/21 18:54	156-60-5	
trans-1,3-Dichloropropene	<3.5 UJ	ug/L	5.0	3.5	1		10/04/21 18:54	10061-02-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	81	%	70-130		1		10/04/21 18:54	460-00-4	
1,2-Dichlorobenzene-d4 (S)	106	%	70-130		1		10/04/21 18:54	2199-69-1	
Toluene-d8 (S)	93	%	70-130		1		10/04/21 18:54	2037-26-5	

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### ANALYTICAL RESULTS

Project: 419607.0000 PHASE 4 LEMBERGER  
Pace Project No.: 40234288

Sample: GR-66 Lab ID: 40234288008 Collected: 09/29/21 17:20 Received: 10/01/21 07:20 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		10/04/21 19:13	71-55-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		10/04/21 19:13	79-34-5	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		10/04/21 19:13	79-00-5	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		10/04/21 19:13	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		10/04/21 19:13	75-35-4	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		10/04/21 19:13	107-06-2	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		10/04/21 19:13	78-87-5	
2-Butanone (MEK)	<6.5 UJ	ug/L	25.0	6.5	1		10/04/21 19:13	78-93-3	
2-Hexanone	<6.3	ug/L	25.0	6.3	1		10/04/21 19:13	591-78-6	
4-Methyl-2-pentanone (MIBK)	<6.0	ug/L	25.0	6.0	1		10/04/21 19:13	108-10-1	
Acetone	<8.6 UJ	ug/L	25.0	8.6	1		10/04/21 19:13	67-64-1	
Benzene	<0.30	ug/L	1.0	0.30	1		10/04/21 19:13	71-43-2	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		10/04/21 19:13	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		10/04/21 19:13	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		10/04/21 19:13	74-83-9	
Carbon disulfide	<1.1	ug/L	5.0	1.1	1		10/04/21 19:13	75-15-0	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		10/04/21 19:13	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		10/04/21 19:13	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		10/04/21 19:13	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		10/04/21 19:13	67-66-3	
Chloromethane	<1.6 UJ	ug/L	5.0	1.6	1		10/04/21 19:13	74-87-3	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		10/04/21 19:13	124-48-1	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		10/04/21 19:13	100-41-4	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		10/04/21 19:13	75-09-2	
Styrene	<0.36	ug/L	1.0	0.36	1		10/04/21 19:13	100-42-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		10/04/21 19:13	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		10/04/21 19:13	108-88-3	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		10/04/21 19:13	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		10/04/21 19:13	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		10/04/21 19:13	1330-20-7	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		10/04/21 19:13	156-59-2	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		10/04/21 19:13	10061-01-5	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		10/04/21 19:13	156-60-5	
trans-1,3-Dichloropropene	<3.5 UJ	ug/L	5.0	3.5	1		10/04/21 19:13	10061-02-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	82	%	70-130		1		10/04/21 19:13	460-00-4	
1,2-Dichlorobenzene-d4 (S)	108	%	70-130		1		10/04/21 19:13	2199-69-1	
Toluene-d8 (S)	93	%	70-130		1		10/04/21 19:13	2037-26-5	

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### ANALYTICAL RESULTS

Project: 419607.0000 PHASE 4 LEMBERGER  
Pace Project No.: 40234288

**Sample: GR-14**      **Lab ID: 40234288009**      Collected: 09/29/21 18:40      Received: 10/01/21 07:20      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		10/04/21 19:31	71-55-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		10/04/21 19:31	79-34-5	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		10/04/21 19:31	79-00-5	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		10/04/21 19:31	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		10/04/21 19:31	75-35-4	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		10/04/21 19:31	107-06-2	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		10/04/21 19:31	78-87-5	
2-Butanone (MEK)	<6.5 UJ	ug/L	25.0	6.5	1		10/04/21 19:31	78-93-3	
2-Hexanone	<6.3	ug/L	25.0	6.3	1		10/04/21 19:31	591-78-6	
4-Methyl-2-pentanone (MIBK)	<6.0	ug/L	25.0	6.0	1		10/04/21 19:31	108-10-1	
Acetone	<8.6 UJ	ug/L	25.0	8.6	1		10/04/21 19:31	67-64-1	
Benzene	<0.30	ug/L	1.0	0.30	1		10/04/21 19:31	71-43-2	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		10/04/21 19:31	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		10/04/21 19:31	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		10/04/21 19:31	74-83-9	
Carbon disulfide	<1.1	ug/L	5.0	1.1	1		10/04/21 19:31	75-15-0	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		10/04/21 19:31	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		10/04/21 19:31	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		10/04/21 19:31	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		10/04/21 19:31	67-66-3	
Chloromethane	<1.6 UJ	ug/L	5.0	1.6	1		10/04/21 19:31	74-87-3	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		10/04/21 19:31	124-48-1	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		10/04/21 19:31	100-41-4	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		10/04/21 19:31	75-09-2	
Styrene	<0.36	ug/L	1.0	0.36	1		10/04/21 19:31	100-42-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		10/04/21 19:31	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		10/04/21 19:31	108-88-3	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		10/04/21 19:31	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		10/04/21 19:31	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		10/04/21 19:31	1330-20-7	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		10/04/21 19:31	156-59-2	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		10/04/21 19:31	10061-01-5	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		10/04/21 19:31	156-60-5	
trans-1,3-Dichloropropene	<3.5 UJ	ug/L	5.0	3.5	1		10/04/21 19:31	10061-02-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	82	%	70-130		1		10/04/21 19:31	460-00-4	
1,2-Dichlorobenzene-d4 (S)	106	%	70-130		1		10/04/21 19:31	2199-69-1	
Toluene-d8 (S)	92	%	70-130		1		10/04/21 19:31	2037-26-5	

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### ANALYTICAL RESULTS

Project: 419607.0000 PHASE 4 LEMBERGER

Pace Project No.: 40234288

Sample: GR-16 Lab ID: 40234288010 Collected: 09/29/21 19:28 Received: 10/01/21 07:20 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		10/04/21 19:50	71-55-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		10/04/21 19:50	79-34-5	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		10/04/21 19:50	79-00-5	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		10/04/21 19:50	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		10/04/21 19:50	75-35-4	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		10/04/21 19:50	107-06-2	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		10/04/21 19:50	78-87-5	
2-Butanone (MEK)	<6.5 UJ	ug/L	25.0	6.5	1		10/04/21 19:50	78-93-3	
2-Hexanone	<6.3	ug/L	25.0	6.3	1		10/04/21 19:50	591-78-6	
4-Methyl-2-pentanone (MIBK)	<6.0	ug/L	25.0	6.0	1		10/04/21 19:50	108-10-1	
Acetone	<8.6 UJ	ug/L	25.0	8.6	1		10/04/21 19:50	67-64-1	
Benzene	<0.30	ug/L	1.0	0.30	1		10/04/21 19:50	71-43-2	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		10/04/21 19:50	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		10/04/21 19:50	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		10/04/21 19:50	74-83-9	
Carbon disulfide	<1.1	ug/L	5.0	1.1	1		10/04/21 19:50	75-15-0	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		10/04/21 19:50	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		10/04/21 19:50	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		10/04/21 19:50	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		10/04/21 19:50	67-66-3	
Chloromethane	<1.6 UJ	ug/L	5.0	1.6	1		10/04/21 19:50	74-87-3	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		10/04/21 19:50	124-48-1	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		10/04/21 19:50	100-41-4	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		10/04/21 19:50	75-09-2	
Styrene	<0.36	ug/L	1.0	0.36	1		10/04/21 19:50	100-42-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		10/04/21 19:50	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		10/04/21 19:50	108-88-3	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		10/04/21 19:50	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		10/04/21 19:50	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		10/04/21 19:50	1330-20-7	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		10/04/21 19:50	156-59-2	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		10/04/21 19:50	10061-01-5	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		10/04/21 19:50	156-60-5	
trans-1,3-Dichloropropene	<3.5 UJ	ug/L	5.0	3.5	1		10/04/21 19:50	10061-02-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	84	%	70-130		1		10/04/21 19:50	460-00-4	
1,2-Dichlorobenzene-d4 (S)	106	%	70-130		1		10/04/21 19:50	2199-69-1	
Toluene-d8 (S)	93	%	70-130		1		10/04/21 19:50	2037-26-5	

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### ANALYTICAL RESULTS

Project: 419607.0000 PHASE 4 LEMBERGER

Pace Project No.: 40234288

Sample: GR-FDUP-001 Lab ID: 40234288011 Collected: 09/29/21 00:00 Received: 10/01/21 07:20 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		10/04/21 20:09	71-55-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		10/04/21 20:09	79-34-5	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		10/04/21 20:09	79-00-5	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		10/04/21 20:09	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		10/04/21 20:09	75-35-4	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		10/04/21 20:09	107-06-2	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		10/04/21 20:09	78-87-5	
2-Butanone (MEK)	<6.5 UJ	ug/L	25.0	6.5	1		10/04/21 20:09	78-93-3	
2-Hexanone	<6.3	ug/L	25.0	6.3	1		10/04/21 20:09	591-78-6	
4-Methyl-2-pentanone (MIBK)	<6.0	ug/L	25.0	6.0	1		10/04/21 20:09	108-10-1	
Acetone	<8.6 UJ	ug/L	25.0	8.6	1		10/04/21 20:09	67-64-1	
Benzene	<0.30	ug/L	1.0	0.30	1		10/04/21 20:09	71-43-2	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		10/04/21 20:09	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		10/04/21 20:09	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		10/04/21 20:09	74-83-9	
Carbon disulfide	<1.1	ug/L	5.0	1.1	1		10/04/21 20:09	75-15-0	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		10/04/21 20:09	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		10/04/21 20:09	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		10/04/21 20:09	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		10/04/21 20:09	67-66-3	
Chloromethane	<1.6 UJ	ug/L	5.0	1.6	1		10/04/21 20:09	74-87-3	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		10/04/21 20:09	124-48-1	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		10/04/21 20:09	100-41-4	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		10/04/21 20:09	75-09-2	
Styrene	<0.36	ug/L	1.0	0.36	1		10/04/21 20:09	100-42-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		10/04/21 20:09	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		10/04/21 20:09	108-88-3	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		10/04/21 20:09	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		10/04/21 20:09	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		10/04/21 20:09	1330-20-7	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		10/04/21 20:09	156-59-2	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		10/04/21 20:09	10061-01-5	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		10/04/21 20:09	156-60-5	
trans-1,3-Dichloropropene	<3.5 UJ	ug/L	5.0	3.5	1		10/04/21 20:09	10061-02-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	84	%	70-130		1		10/04/21 20:09	460-00-4	
1,2-Dichlorobenzene-d4 (S)	108	%	70-130		1		10/04/21 20:09	2199-69-1	
Toluene-d8 (S)	90	%	70-130		1		10/04/21 20:09	2037-26-5	

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### ANALYTICAL RESULTS

Project: 419607.0000 PHASE 4 LEMBERGER

Pace Project No.: 40234288

Sample: GR-30 Lab ID: 40234288012 Collected: 09/30/21 10:44 Received: 10/01/21 07:20 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1-Trichloroethane	0.32J	ug/L	1.0	0.30	1		10/04/21 20:28	71-55-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		10/04/21 20:28	79-34-5	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		10/04/21 20:28	79-00-5	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		10/04/21 20:28	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		10/04/21 20:28	75-35-4	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		10/04/21 20:28	107-06-2	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		10/04/21 20:28	78-87-5	
2-Butanone (MEK)	<6.5 UJ	ug/L	25.0	6.5	1		10/04/21 20:28	78-93-3	
2-Hexanone	<6.3	ug/L	25.0	6.3	1		10/04/21 20:28	591-78-6	
4-Methyl-2-pentanone (MIBK)	<6.0	ug/L	25.0	6.0	1		10/04/21 20:28	108-10-1	
Acetone	<8.6 UJ	ug/L	25.0	8.6	1		10/04/21 20:28	67-64-1	
Benzene	<0.30	ug/L	1.0	0.30	1		10/04/21 20:28	71-43-2	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		10/04/21 20:28	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		10/04/21 20:28	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		10/04/21 20:28	74-83-9	
Carbon disulfide	<1.1	ug/L	5.0	1.1	1		10/04/21 20:28	75-15-0	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		10/04/21 20:28	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		10/04/21 20:28	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		10/04/21 20:28	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		10/04/21 20:28	67-66-3	
Chloromethane	<1.6 UJ	ug/L	5.0	1.6	1		10/04/21 20:28	74-87-3	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		10/04/21 20:28	124-48-1	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		10/04/21 20:28	100-41-4	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		10/04/21 20:28	75-09-2	
Styrene	<0.36	ug/L	1.0	0.36	1		10/04/21 20:28	100-42-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		10/04/21 20:28	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		10/04/21 20:28	108-88-3	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		10/04/21 20:28	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		10/04/21 20:28	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		10/04/21 20:28	1330-20-7	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		10/04/21 20:28	156-59-2	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		10/04/21 20:28	10061-01-5	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		10/04/21 20:28	156-60-5	
trans-1,3-Dichloropropene	<3.5 UJ	ug/L	5.0	3.5	1		10/04/21 20:28	10061-02-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	83	%	70-130		1		10/04/21 20:28	460-00-4	
1,2-Dichlorobenzene-d4 (S)	103	%	70-130		1		10/04/21 20:28	2199-69-1	
Toluene-d8 (S)	92	%	70-130		1		10/04/21 20:28	2037-26-5	

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### ANALYTICAL RESULTS

Project: 419607.0000 PHASE 4 LEMBERGER  
Pace Project No.: 40234288

**Sample: GR-64**      **Lab ID: 40234288013**      Collected: 09/30/21 11:30      Received: 10/01/21 07:20      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		10/04/21 20:46	71-55-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		10/04/21 20:46	79-34-5	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		10/04/21 20:46	79-00-5	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		10/04/21 20:46	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		10/04/21 20:46	75-35-4	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		10/04/21 20:46	107-06-2	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		10/04/21 20:46	78-87-5	
2-Butanone (MEK)	<6.5 UJ	ug/L	25.0	6.5	1		10/04/21 20:46	78-93-3	
2-Hexanone	<6.3	ug/L	25.0	6.3	1		10/04/21 20:46	591-78-6	
4-Methyl-2-pentanone (MIBK)	<6.0	ug/L	25.0	6.0	1		10/04/21 20:46	108-10-1	
Acetone	<8.6 UJ	ug/L	25.0	8.6	1		10/04/21 20:46	67-64-1	
Benzene	<0.30	ug/L	1.0	0.30	1		10/04/21 20:46	71-43-2	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		10/04/21 20:46	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		10/04/21 20:46	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		10/04/21 20:46	74-83-9	
Carbon disulfide	<1.1	ug/L	5.0	1.1	1		10/04/21 20:46	75-15-0	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		10/04/21 20:46	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		10/04/21 20:46	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		10/04/21 20:46	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		10/04/21 20:46	67-66-3	
Chloromethane	<1.6 UJ	ug/L	5.0	1.6	1		10/04/21 20:46	74-87-3	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		10/04/21 20:46	124-48-1	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		10/04/21 20:46	100-41-4	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		10/04/21 20:46	75-09-2	
Styrene	<0.36	ug/L	1.0	0.36	1		10/04/21 20:46	100-42-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		10/04/21 20:46	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		10/04/21 20:46	108-88-3	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		10/04/21 20:46	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		10/04/21 20:46	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		10/04/21 20:46	1330-20-7	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		10/04/21 20:46	156-59-2	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		10/04/21 20:46	10061-01-5	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		10/04/21 20:46	156-60-5	
trans-1,3-Dichloropropene	<3.5 UJ	ug/L	5.0	3.5	1		10/04/21 20:46	10061-02-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	85	%	70-130		1		10/04/21 20:46	460-00-4	
1,2-Dichlorobenzene-d4 (S)	108	%	70-130		1		10/04/21 20:46	2199-69-1	
Toluene-d8 (S)	91	%	70-130		1		10/04/21 20:46	2037-26-5	

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### ANALYTICAL RESULTS

Project: 419607.0000 PHASE 4 LEMBERGER

Pace Project No.: 40234288

**Sample: GR-63**      **Lab ID: 40234288014**      Collected: 09/30/21 11:58      Received: 10/01/21 07:20      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		10/04/21 21:05	71-55-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		10/04/21 21:05	79-34-5	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		10/04/21 21:05	79-00-5	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		10/04/21 21:05	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		10/04/21 21:05	75-35-4	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		10/04/21 21:05	107-06-2	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		10/04/21 21:05	78-87-5	
2-Butanone (MEK)	<6.5 UJ	ug/L	25.0	6.5	1		10/04/21 21:05	78-93-3	
2-Hexanone	<6.3	ug/L	25.0	6.3	1		10/04/21 21:05	591-78-6	
4-Methyl-2-pentanone (MIBK)	<6.0	ug/L	25.0	6.0	1		10/04/21 21:05	108-10-1	
Acetone	<8.6 UJ	ug/L	25.0	8.6	1		10/04/21 21:05	67-64-1	
Benzene	<0.30	ug/L	1.0	0.30	1		10/04/21 21:05	71-43-2	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		10/04/21 21:05	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		10/04/21 21:05	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		10/04/21 21:05	74-83-9	
Carbon disulfide	<1.1	ug/L	5.0	1.1	1		10/04/21 21:05	75-15-0	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		10/04/21 21:05	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		10/04/21 21:05	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		10/04/21 21:05	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		10/04/21 21:05	67-66-3	
Chloromethane	<1.6 UJ	ug/L	5.0	1.6	1		10/04/21 21:05	74-87-3	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		10/04/21 21:05	124-48-1	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		10/04/21 21:05	100-41-4	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		10/04/21 21:05	75-09-2	
Styrene	<0.36	ug/L	1.0	0.36	1		10/04/21 21:05	100-42-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		10/04/21 21:05	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		10/04/21 21:05	108-88-3	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		10/04/21 21:05	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		10/04/21 21:05	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		10/04/21 21:05	1330-20-7	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		10/04/21 21:05	156-59-2	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		10/04/21 21:05	10061-01-5	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		10/04/21 21:05	156-60-5	
trans-1,3-Dichloropropene	<3.5 UJ	ug/L	5.0	3.5	1		10/04/21 21:05	10061-02-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	84	%	70-130		1		10/04/21 21:05	460-00-4	
1,2-Dichlorobenzene-d4 (S)	104	%	70-130		1		10/04/21 21:05	2199-69-1	
Toluene-d8 (S)	93	%	70-130		1		10/04/21 21:05	2037-26-5	

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### ANALYTICAL RESULTS

Project: 419607.0000 PHASE 4 LEMBERGER  
Pace Project No.: 40234288

Sample: GR-62 Lab ID: 40234288015 Collected: 09/30/21 12:50 Received: 10/01/21 07:20 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		10/04/21 17:20	71-55-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		10/04/21 17:20	79-34-5	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		10/04/21 17:20	79-00-5	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		10/04/21 17:20	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		10/04/21 17:20	75-35-4	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		10/04/21 17:20	107-06-2	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		10/04/21 17:20	78-87-5	
2-Butanone (MEK)	<6.5 UJ	ug/L	25.0	6.5	1		10/04/21 17:20	78-93-3	
2-Hexanone	<6.3	ug/L	25.0	6.3	1		10/04/21 17:20	591-78-6	
4-Methyl-2-pentanone (MIBK)	<6.0	ug/L	25.0	6.0	1		10/04/21 17:20	108-10-1	
Acetone	<8.6 UJ	ug/L	25.0	8.6	1		10/04/21 17:20	67-64-1	
Benzene	<0.30	ug/L	1.0	0.30	1		10/04/21 17:20	71-43-2	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		10/04/21 17:20	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		10/04/21 17:20	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		10/04/21 17:20	74-83-9	
Carbon disulfide	<1.1	ug/L	5.0	1.1	1		10/04/21 17:20	75-15-0	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		10/04/21 17:20	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		10/04/21 17:20	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		10/04/21 17:20	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		10/04/21 17:20	67-66-3	
Chloromethane	<1.6 UJ	ug/L	5.0	1.6	1		10/04/21 17:20	74-87-3	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		10/04/21 17:20	124-48-1	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		10/04/21 17:20	100-41-4	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		10/04/21 17:20	75-09-2	
Styrene	<0.36	ug/L	1.0	0.36	1		10/04/21 17:20	100-42-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		10/04/21 17:20	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		10/04/21 17:20	108-88-3	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		10/04/21 17:20	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		10/04/21 17:20	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		10/04/21 17:20	1330-20-7	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		10/04/21 17:20	156-59-2	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		10/04/21 17:20	10061-01-5	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		10/04/21 17:20	156-60-5	
trans-1,3-Dichloropropene	<3.5 UJ	ug/L	5.0	3.5	1		10/04/21 17:20	10061-02-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	81	%	70-130		1		10/04/21 17:20	460-00-4	
1,2-Dichlorobenzene-d4 (S)	106	%	70-130		1		10/04/21 17:20	2199-69-1	
Toluene-d8 (S)	91	%	70-130		1		10/04/21 17:20	2037-26-5	

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### ANALYTICAL RESULTS

Project: 419607.0000 PHASE 4 LEMBERGER  
Pace Project No.: 40234288

Sample: GR-74 Lab ID: 40234288016 Collected: 09/30/21 14:14 Received: 10/01/21 07:20 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		10/04/21 21:43	71-55-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		10/04/21 21:43	79-34-5	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		10/04/21 21:43	79-00-5	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		10/04/21 21:43	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		10/04/21 21:43	75-35-4	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		10/04/21 21:43	107-06-2	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		10/04/21 21:43	78-87-5	
2-Butanone (MEK)	<6.5 UJ	ug/L	25.0	6.5	1		10/04/21 21:43	78-93-3	
2-Hexanone	<6.3	ug/L	25.0	6.3	1		10/04/21 21:43	591-78-6	
4-Methyl-2-pentanone (MIBK)	<6.0	ug/L	25.0	6.0	1		10/04/21 21:43	108-10-1	
Acetone	<8.6 UJ	ug/L	25.0	8.6	1		10/04/21 21:43	67-64-1	
Benzene	<0.30	ug/L	1.0	0.30	1		10/04/21 21:43	71-43-2	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		10/04/21 21:43	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		10/04/21 21:43	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		10/04/21 21:43	74-83-9	
Carbon disulfide	<1.1	ug/L	5.0	1.1	1		10/04/21 21:43	75-15-0	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		10/04/21 21:43	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		10/04/21 21:43	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		10/04/21 21:43	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		10/04/21 21:43	67-66-3	
Chloromethane	<1.6 UJ	ug/L	5.0	1.6	1		10/04/21 21:43	74-87-3	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		10/04/21 21:43	124-48-1	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		10/04/21 21:43	100-41-4	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		10/04/21 21:43	75-09-2	
Styrene	<0.36	ug/L	1.0	0.36	1		10/04/21 21:43	100-42-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		10/04/21 21:43	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		10/04/21 21:43	108-88-3	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		10/04/21 21:43	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		10/04/21 21:43	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		10/04/21 21:43	1330-20-7	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		10/04/21 21:43	156-59-2	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		10/04/21 21:43	10061-01-5	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		10/04/21 21:43	156-60-5	
trans-1,3-Dichloropropene	<3.5 UJ	ug/L	5.0	3.5	1		10/04/21 21:43	10061-02-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	81	%	70-130		1		10/04/21 21:43	460-00-4	
1,2-Dichlorobenzene-d4 (S)	105	%	70-130		1		10/04/21 21:43	2199-69-1	
Toluene-d8 (S)	92	%	70-130		1		10/04/21 21:43	2037-26-5	

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### ANALYTICAL RESULTS

Project: 419607.0000 PHASE 4 LEMBERGER

Pace Project No.: 40234288

**Sample: GR-73**      **Lab ID: 40234288017**      Collected: 09/30/21 15:44      Received: 10/01/21 07:20      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		10/04/21 22:01	71-55-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		10/04/21 22:01	79-34-5	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		10/04/21 22:01	79-00-5	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		10/04/21 22:01	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		10/04/21 22:01	75-35-4	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		10/04/21 22:01	107-06-2	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		10/04/21 22:01	78-87-5	
2-Butanone (MEK)	<6.5 UJ	ug/L	25.0	6.5	1		10/04/21 22:01	78-93-3	
2-Hexanone	<6.3	ug/L	25.0	6.3	1		10/04/21 22:01	591-78-6	
4-Methyl-2-pentanone (MIBK)	<6.0	ug/L	25.0	6.0	1		10/04/21 22:01	108-10-1	
Acetone	<8.6 UJ	ug/L	25.0	8.6	1		10/04/21 22:01	67-64-1	
Benzene	<0.30	ug/L	1.0	0.30	1		10/04/21 22:01	71-43-2	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		10/04/21 22:01	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		10/04/21 22:01	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		10/04/21 22:01	74-83-9	
Carbon disulfide	<1.1	ug/L	5.0	1.1	1		10/04/21 22:01	75-15-0	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		10/04/21 22:01	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		10/04/21 22:01	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		10/04/21 22:01	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		10/04/21 22:01	67-66-3	
Chloromethane	<1.6 UJ	ug/L	5.0	1.6	1		10/04/21 22:01	74-87-3	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		10/04/21 22:01	124-48-1	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		10/04/21 22:01	100-41-4	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		10/04/21 22:01	75-09-2	
Styrene	<0.36	ug/L	1.0	0.36	1		10/04/21 22:01	100-42-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		10/04/21 22:01	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		10/04/21 22:01	108-88-3	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		10/04/21 22:01	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		10/04/21 22:01	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		10/04/21 22:01	1330-20-7	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		10/04/21 22:01	156-59-2	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		10/04/21 22:01	10061-01-5	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		10/04/21 22:01	156-60-5	
trans-1,3-Dichloropropene	<3.5 UJ	ug/L	5.0	3.5	1		10/04/21 22:01	10061-02-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	81	%	70-130		1		10/04/21 22:01	460-00-4	
1,2-Dichlorobenzene-d4 (S)	105	%	70-130		1		10/04/21 22:01	2199-69-1	
Toluene-d8 (S)	92	%	70-130		1		10/04/21 22:01	2037-26-5	

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## ANALYTICAL RESULTS

Project: 419607.0000 PHASE 4 LEMBERGER

Pace Project No.: 40234288

**Sample: GR-26**      **Lab ID: 40234288018**      Collected: 09/30/21 16:45      Received: 10/01/21 07:20      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		10/04/21 22:20	71-55-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		10/04/21 22:20	79-34-5	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		10/04/21 22:20	79-00-5	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		10/04/21 22:20	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		10/04/21 22:20	75-35-4	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		10/04/21 22:20	107-06-2	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		10/04/21 22:20	78-87-5	
2-Butanone (MEK)	<6.5 UJ	ug/L	25.0	6.5	1		10/04/21 22:20	78-93-3	
2-Hexanone	<6.3	ug/L	25.0	6.3	1		10/04/21 22:20	591-78-6	
4-Methyl-2-pentanone (MIBK)	<6.0	ug/L	25.0	6.0	1		10/04/21 22:20	108-10-1	
Acetone	<8.6 UJ	ug/L	25.0	8.6	1		10/04/21 22:20	67-64-1	
Benzene	<0.30	ug/L	1.0	0.30	1		10/04/21 22:20	71-43-2	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		10/04/21 22:20	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		10/04/21 22:20	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		10/04/21 22:20	74-83-9	
Carbon disulfide	<1.1	ug/L	5.0	1.1	1		10/04/21 22:20	75-15-0	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		10/04/21 22:20	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		10/04/21 22:20	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		10/04/21 22:20	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		10/04/21 22:20	67-66-3	
Chloromethane	<1.6 UJ	ug/L	5.0	1.6	1		10/04/21 22:20	74-87-3	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		10/04/21 22:20	124-48-1	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		10/04/21 22:20	100-41-4	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		10/04/21 22:20	75-09-2	
Styrene	<0.36	ug/L	1.0	0.36	1		10/04/21 22:20	100-42-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		10/04/21 22:20	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		10/04/21 22:20	108-88-3	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		10/04/21 22:20	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		10/04/21 22:20	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		10/04/21 22:20	1330-20-7	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		10/04/21 22:20	156-59-2	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		10/04/21 22:20	10061-01-5	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		10/04/21 22:20	156-60-5	
trans-1,3-Dichloropropene	<3.5 UJ	ug/L	5.0	3.5	1		10/04/21 22:20	10061-02-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	84	%	70-130		1		10/04/21 22:20	460-00-4	
1,2-Dichlorobenzene-d4 (S)	106	%	70-130		1		10/04/21 22:20	2199-69-1	
Toluene-d8 (S)	93	%	70-130		1		10/04/21 22:20	2037-26-5	

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### ANALYTICAL RESULTS

Project: 419607.0000 PHASE 4 LEMBERGER  
Pace Project No.: 40234288

**Sample: GR-FDUP-002**      **Lab ID: 40234288019**      Collected: 09/30/21 00:00      Received: 10/01/21 07:20      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		10/04/21 22:39	71-55-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		10/04/21 22:39	79-34-5	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		10/04/21 22:39	79-00-5	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		10/04/21 22:39	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		10/04/21 22:39	75-35-4	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		10/04/21 22:39	107-06-2	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		10/04/21 22:39	78-87-5	
2-Butanone (MEK)	<6.5 UJ	ug/L	25.0	6.5	1		10/04/21 22:39	78-93-3	
2-Hexanone	<6.3	ug/L	25.0	6.3	1		10/04/21 22:39	591-78-6	
4-Methyl-2-pentanone (MIBK)	<6.0	ug/L	25.0	6.0	1		10/04/21 22:39	108-10-1	
Acetone	<8.6 UJ	ug/L	25.0	8.6	1		10/04/21 22:39	67-64-1	
Benzene	<0.30	ug/L	1.0	0.30	1		10/04/21 22:39	71-43-2	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		10/04/21 22:39	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		10/04/21 22:39	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		10/04/21 22:39	74-83-9	
Carbon disulfide	<1.1	ug/L	5.0	1.1	1		10/04/21 22:39	75-15-0	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		10/04/21 22:39	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		10/04/21 22:39	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		10/04/21 22:39	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		10/04/21 22:39	67-66-3	
Chloromethane	<1.6 UJ	ug/L	5.0	1.6	1		10/04/21 22:39	74-87-3	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		10/04/21 22:39	124-48-1	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		10/04/21 22:39	100-41-4	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		10/04/21 22:39	75-09-2	
Styrene	<0.36	ug/L	1.0	0.36	1		10/04/21 22:39	100-42-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		10/04/21 22:39	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		10/04/21 22:39	108-88-3	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		10/04/21 22:39	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		10/04/21 22:39	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		10/04/21 22:39	1330-20-7	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		10/04/21 22:39	156-59-2	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		10/04/21 22:39	10061-01-5	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		10/04/21 22:39	156-60-5	
trans-1,3-Dichloropropene	<3.5 UJ	ug/L	5.0	3.5	1		10/04/21 22:39	10061-02-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	84	%	70-130		1		10/04/21 22:39	460-00-4	
1,2-Dichlorobenzene-d4 (S)	106	%	70-130		1		10/04/21 22:39	2199-69-1	
Toluene-d8 (S)	92	%	70-130		1		10/04/21 22:39	2037-26-5	

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### ANALYTICAL RESULTS

Project: 419607.0000 PHASE 4 LEMBERGER

Pace Project No.: 40234288

**Sample: TB-001**      **Lab ID: 40234288020**      Collected: 09/30/21 00:00      Received: 10/01/21 07:20      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		10/04/21 17:01	71-55-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		10/04/21 17:01	79-34-5	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		10/04/21 17:01	79-00-5	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		10/04/21 17:01	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		10/04/21 17:01	75-35-4	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		10/04/21 17:01	107-06-2	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		10/04/21 17:01	78-87-5	
2-Butanone (MEK)	<6.5 UJ	ug/L	25.0	6.5	1		10/04/21 17:01	78-93-3	
2-Hexanone	<6.3	ug/L	25.0	6.3	1		10/04/21 17:01	591-78-6	
4-Methyl-2-pentanone (MIBK)	<6.0	ug/L	25.0	6.0	1		10/04/21 17:01	108-10-1	
Acetone	<8.6 UJ	ug/L	25.0	8.6	1		10/04/21 17:01	67-64-1	
Benzene	<0.30	ug/L	1.0	0.30	1		10/04/21 17:01	71-43-2	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		10/04/21 17:01	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		10/04/21 17:01	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		10/04/21 17:01	74-83-9	
Carbon disulfide	<1.1	ug/L	5.0	1.1	1		10/04/21 17:01	75-15-0	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		10/04/21 17:01	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		10/04/21 17:01	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		10/04/21 17:01	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		10/04/21 17:01	67-66-3	
Chloromethane	<1.6 UJ	ug/L	5.0	1.6	1		10/04/21 17:01	74-87-3	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		10/04/21 17:01	124-48-1	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		10/04/21 17:01	100-41-4	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		10/04/21 17:01	75-09-2	
Styrene	<0.36	ug/L	1.0	0.36	1		10/04/21 17:01	100-42-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		10/04/21 17:01	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		10/04/21 17:01	108-88-3	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		10/04/21 17:01	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		10/04/21 17:01	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		10/04/21 17:01	1330-20-7	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		10/04/21 17:01	156-59-2	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		10/04/21 17:01	10061-01-5	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		10/04/21 17:01	156-60-5	
trans-1,3-Dichloropropene	<3.5 UJ	ug/L	5.0	3.5	1		10/04/21 17:01	10061-02-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	81	%	70-130		1		10/04/21 17:01	460-00-4	
1,2-Dichlorobenzene-d4 (S)	103	%	70-130		1		10/04/21 17:01	2199-69-1	
Toluene-d8 (S)	93	%	70-130		1		10/04/21 17:01	2037-26-5	

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### ANALYTICAL RESULTS

Project: 419607.0000 PHASE 4 LEMBERGER  
Pace Project No.: 40235604

**Sample: RM-402XXD**      **Lab ID: 40235604001**      Collected: 10/17/21 08:22      Received: 10/21/21 13:45      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1-Trichloroethane	30.0	ug/L	1.0	0.30	1		10/23/21 00:22	71-55-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		10/23/21 00:22	79-34-5	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		10/23/21 00:22	79-00-5	
1,1-Dichloroethane	18.7	ug/L	1.0	0.30	1		10/23/21 00:22	75-34-3	
1,1-Dichloroethene	3.2	ug/L	1.0	0.58	1		10/23/21 00:22	75-35-4	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		10/23/21 00:22	107-06-2	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		10/23/21 00:22	78-87-5	
2-Butanone (MEK)	<6.5	ug/L	25.0	6.5	1		10/23/21 00:22	78-93-3	
2-Hexanone	<6.3	ug/L	25.0	6.3	1		10/23/21 00:22	591-78-6	
4-Methyl-2-pentanone (MIBK)	<6.0	ug/L	25.0	6.0	1		10/23/21 00:22	108-10-1	
Acetone	<8.6	ug/L	25.0	8.6	1		10/23/21 00:22	67-64-1	
Benzene	<0.30	ug/L	1.0	0.30	1		10/23/21 00:22	71-43-2	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		10/23/21 00:22	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		10/23/21 00:22	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		10/23/21 00:22	74-83-9	
Carbon disulfide	<1.1	ug/L	5.0	1.1	1		10/23/21 00:22	75-15-0	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		10/23/21 00:22	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		10/23/21 00:22	108-90-7	
Chloroethane	<1.4 UJ	ug/L	5.0	1.4	1		10/23/21 00:22	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		10/23/21 00:22	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		10/23/21 00:22	74-87-3	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		10/23/21 00:22	124-48-1	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		10/23/21 00:22	100-41-4	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		10/23/21 00:22	75-09-2	
Styrene	<0.36	ug/L	1.0	0.36	1		10/23/21 00:22	100-42-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		10/23/21 00:22	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		10/23/21 00:22	108-88-3	
Trichloroethene	6.4	ug/L	1.0	0.32	1		10/23/21 00:22	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		10/23/21 00:22	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		10/23/21 00:22	1330-20-7	
cis-1,2-Dichloroethene	8.9	ug/L	1.0	0.47	1		10/23/21 00:22	156-59-2	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		10/23/21 00:22	10061-01-5	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		10/23/21 00:22	156-60-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		10/23/21 00:22	10061-02-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	93	%	70-130		1		10/23/21 00:22	460-00-4	
1,2-Dichlorobenzene-d4 (S)	102	%	70-130		1		10/23/21 00:22	2199-69-1	
Toluene-d8 (S)	100	%	70-130		1		10/23/21 00:22	2037-26-5	

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## ANALYTICAL RESULTS

Project: 419607.0000 PHASE 4 LEMBERGER

Pace Project No.: 40235604

**Sample: RM-402XD**      **Lab ID: 40235604002**      Collected: 10/17/21 09:46      Received: 10/21/21 13:45      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>6020B MET ICPMS</b>									
Analytical Method: EPA 6020B    Preparation Method: EPA 3010A									
Pace Analytical Services - Green Bay									
Iron	<58.0	ug/L	250	58.0	1	11/01/21 05:16	11/01/21 23:30	7439-89-6	
Manganese	<1.2	ug/L	4.0	1.2	1	11/01/21 05:16	11/01/21 23:30	7439-96-5	
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1-Trichloroethane	94.1	ug/L	1.0	0.30	1		10/23/21 00:41	71-55-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		10/23/21 00:41	79-34-5	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		10/23/21 00:41	79-00-5	
1,1-Dichloroethane	39.1	ug/L	1.0	0.30	1		10/23/21 00:41	75-34-3	
1,1-Dichloroethene	17.2	ug/L	1.0	0.58	1		10/23/21 00:41	75-35-4	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		10/23/21 00:41	107-06-2	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		10/23/21 00:41	78-87-5	
2-Butanone (MEK)	<6.5	ug/L	25.0	6.5	1		10/23/21 00:41	78-93-3	
2-Hexanone	<6.3	ug/L	25.0	6.3	1		10/23/21 00:41	591-78-6	
4-Methyl-2-pentanone (MIBK)	<6.0	ug/L	25.0	6.0	1		10/23/21 00:41	108-10-1	
Acetone	<8.6	ug/L	25.0	8.6	1		10/23/21 00:41	67-64-1	
Benzene	<0.30	ug/L	1.0	0.30	1		10/23/21 00:41	71-43-2	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		10/23/21 00:41	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		10/23/21 00:41	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		10/23/21 00:41	74-83-9	
Carbon disulfide	<1.1	ug/L	5.0	1.1	1		10/23/21 00:41	75-15-0	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		10/23/21 00:41	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		10/23/21 00:41	108-90-7	
Chloroethane	<1.4 UJ	ug/L	5.0	1.4	1		10/23/21 00:41	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		10/23/21 00:41	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		10/23/21 00:41	74-87-3	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		10/23/21 00:41	124-48-1	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		10/23/21 00:41	100-41-4	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		10/23/21 00:41	75-09-2	
Styrene	<0.36	ug/L	1.0	0.36	1		10/23/21 00:41	100-42-5	
Tetrachloroethene	0.79J	ug/L	1.0	0.41	1		10/23/21 00:41	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		10/23/21 00:41	108-88-3	
Trichloroethene	12.1	ug/L	1.0	0.32	1		10/23/21 00:41	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		10/23/21 00:41	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		10/23/21 00:41	1330-20-7	
cis-1,2-Dichloroethene	18.2	ug/L	1.0	0.47	1		10/23/21 00:41	156-59-2	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		10/23/21 00:41	10061-01-5	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		10/23/21 00:41	156-60-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		10/23/21 00:41	10061-02-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	92	%	70-130		1		10/23/21 00:41	460-00-4	
1,2-Dichlorobenzene-d4 (S)	101	%	70-130		1		10/23/21 00:41	2199-69-1	
Toluene-d8 (S)	101	%	70-130		1		10/23/21 00:41	2037-26-5	

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### ANALYTICAL RESULTS

Project: 419607.0000 PHASE 4 LEMBERGER  
Pace Project No.: 40235604

**Sample: RM-402XD**      **Lab ID: 40235604002**      Collected: 10/17/21 09:46      Received: 10/21/21 13:45      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>300.0 IC Anions</b>									
Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay									
Chloride	<b>21.5</b>	mg/L	2.0	0.43	1		11/03/21 23:36	16887-00-6	
Sulfate	<b>210 J+</b>	mg/L	20.0	4.4	10		11/04/21 11:13	14808-79-8	
<b>310.2 Alkalinity</b>									
Analytical Method: EPA 310.2 Pace Analytical Services - Green Bay									
Alkalinity, Total as CaCO3	<b>382</b>	mg/L	24.8	7.4	1		10/26/21 09:59		
<b>353.2 Nitrogen, NO2/NO3 pres.</b>									
Analytical Method: EPA 353.2 Pace Analytical Services - Green Bay									
Nitrogen, NO2 plus NO3	<b>5.7 J-</b>	mg/L	0.25	0.059	1		11/01/21 11:01		
<b>5310C TOC</b>									
Analytical Method: SM 5310C Pace Analytical Services - Green Bay									
Total Organic Carbon	<b>1.6 J+</b>	mg/L	0.50	0.14	1		10/26/21 16:14	7440-44-0	

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## ANALYTICAL RESULTS

Project: 419607.0000 PHASE 4 LEMBERGER

Pace Project No.: 40235604

**Sample: RM-008D**      **Lab ID: 40235604003**      Collected: 10/17/21 11:35      Received: 10/21/21 13:45      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1-Trichloroethane	20.8	ug/L	1.0	0.30	1		10/23/21 01:01	71-55-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		10/23/21 01:01	79-34-5	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		10/23/21 01:01	79-00-5	
1,1-Dichloroethane	6.3	ug/L	1.0	0.30	1		10/23/21 01:01	75-34-3	
1,1-Dichloroethene	0.99J	ug/L	1.0	0.58	1		10/23/21 01:01	75-35-4	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		10/23/21 01:01	107-06-2	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		10/23/21 01:01	78-87-5	
2-Butanone (MEK)	<6.5	ug/L	25.0	6.5	1		10/23/21 01:01	78-93-3	
2-Hexanone	<6.3	ug/L	25.0	6.3	1		10/23/21 01:01	591-78-6	
4-Methyl-2-pentanone (MIBK)	<6.0	ug/L	25.0	6.0	1		10/23/21 01:01	108-10-1	
Acetone	<8.6	ug/L	25.0	8.6	1		10/23/21 01:01	67-64-1	
Benzene	<0.30	ug/L	1.0	0.30	1		10/23/21 01:01	71-43-2	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		10/23/21 01:01	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		10/23/21 01:01	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		10/23/21 01:01	74-83-9	
Carbon disulfide	<1.1	ug/L	5.0	1.1	1		10/23/21 01:01	75-15-0	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		10/23/21 01:01	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		10/23/21 01:01	108-90-7	
Chloroethane	<1.4 UJ	ug/L	5.0	1.4	1		10/23/21 01:01	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		10/23/21 01:01	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		10/23/21 01:01	74-87-3	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		10/23/21 01:01	124-48-1	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		10/23/21 01:01	100-41-4	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		10/23/21 01:01	75-09-2	
Styrene	<0.36	ug/L	1.0	0.36	1		10/23/21 01:01	100-42-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		10/23/21 01:01	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		10/23/21 01:01	108-88-3	
Trichloroethene	3.5	ug/L	1.0	0.32	1		10/23/21 01:01	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		10/23/21 01:01	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		10/23/21 01:01	1330-20-7	
cis-1,2-Dichloroethene	3.9	ug/L	1.0	0.47	1		10/23/21 01:01	156-59-2	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		10/23/21 01:01	10061-01-5	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		10/23/21 01:01	156-60-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		10/23/21 01:01	10061-02-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	93	%	70-130		1		10/23/21 01:01	460-00-4	
1,2-Dichlorobenzene-d4 (S)	103	%	70-130		1		10/23/21 01:01	2199-69-1	
Toluene-d8 (S)	100	%	70-130		1		10/23/21 01:01	2037-26-5	

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### ANALYTICAL RESULTS

Project: 419607.0000 PHASE 4 LEMBERGER

Pace Project No.: 40235604

**Sample: RM-213XD**      **Lab ID: 40235604004**      Collected: 10/17/21 13:54      Received: 10/21/21 13:45      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1-Trichloroethane	9.3	ug/L	1.0	0.30	1		10/23/21 01:20	71-55-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		10/23/21 01:20	79-34-5	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		10/23/21 01:20	79-00-5	
1,1-Dichloroethane	3.7	ug/L	1.0	0.30	1		10/23/21 01:20	75-34-3	
1,1-Dichloroethene	1.5	ug/L	1.0	0.58	1		10/23/21 01:20	75-35-4	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		10/23/21 01:20	107-06-2	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		10/23/21 01:20	78-87-5	
2-Butanone (MEK)	<6.5	ug/L	25.0	6.5	1		10/23/21 01:20	78-93-3	
2-Hexanone	<6.3	ug/L	25.0	6.3	1		10/23/21 01:20	591-78-6	
4-Methyl-2-pentanone (MIBK)	<6.0	ug/L	25.0	6.0	1		10/23/21 01:20	108-10-1	
Acetone	<8.6	ug/L	25.0	8.6	1		10/23/21 01:20	67-64-1	
Benzene	<0.30	ug/L	1.0	0.30	1		10/23/21 01:20	71-43-2	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		10/23/21 01:20	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		10/23/21 01:20	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		10/23/21 01:20	74-83-9	
Carbon disulfide	<1.1	ug/L	5.0	1.1	1		10/23/21 01:20	75-15-0	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		10/23/21 01:20	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		10/23/21 01:20	108-90-7	
Chloroethane	<1.4 UJ	ug/L	5.0	1.4	1		10/23/21 01:20	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		10/23/21 01:20	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		10/23/21 01:20	74-87-3	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		10/23/21 01:20	124-48-1	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		10/23/21 01:20	100-41-4	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		10/23/21 01:20	75-09-2	
Styrene	<0.36	ug/L	1.0	0.36	1		10/23/21 01:20	100-42-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		10/23/21 01:20	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		10/23/21 01:20	108-88-3	
Trichloroethene	1.8	ug/L	1.0	0.32	1		10/23/21 01:20	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		10/23/21 01:20	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		10/23/21 01:20	1330-20-7	
cis-1,2-Dichloroethene	2.4	ug/L	1.0	0.47	1		10/23/21 01:20	156-59-2	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		10/23/21 01:20	10061-01-5	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		10/23/21 01:20	156-60-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		10/23/21 01:20	10061-02-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	93	%	70-130		1		10/23/21 01:20	460-00-4	
1,2-Dichlorobenzene-d4 (S)	102	%	70-130		1		10/23/21 01:20	2199-69-1	
Toluene-d8 (S)	99	%	70-130		1		10/23/21 01:20	2037-26-5	

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## ANALYTICAL RESULTS

Project: 419607.0000 PHASE 4 LEMBERGER

Pace Project No.: 40235604

**Sample: RM-213D**      **Lab ID: 40235604005**      Collected: 10/17/21 15:38      Received: 10/21/21 13:45      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1-Trichloroethane	2.5	ug/L	1.0	0.30	1		10/22/21 22:06	71-55-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		10/22/21 22:06	79-34-5	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		10/22/21 22:06	79-00-5	
1,1-Dichloroethane	0.39J	ug/L	1.0	0.30	1		10/22/21 22:06	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		10/22/21 22:06	75-35-4	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		10/22/21 22:06	107-06-2	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		10/22/21 22:06	78-87-5	
2-Butanone (MEK)	<6.5	ug/L	25.0	6.5	1		10/22/21 22:06	78-93-3	
2-Hexanone	<6.3	ug/L	25.0	6.3	1		10/22/21 22:06	591-78-6	
4-Methyl-2-pentanone (MIBK)	<6.0	ug/L	25.0	6.0	1		10/22/21 22:06	108-10-1	
Acetone	<8.6	ug/L	25.0	8.6	1		10/22/21 22:06	67-64-1	
Benzene	<0.30	ug/L	1.0	0.30	1		10/22/21 22:06	71-43-2	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		10/22/21 22:06	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		10/22/21 22:06	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		10/22/21 22:06	74-83-9	
Carbon disulfide	<1.1	ug/L	5.0	1.1	1		10/22/21 22:06	75-15-0	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		10/22/21 22:06	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		10/22/21 22:06	108-90-7	
Chloroethane	<1.4 UJ	ug/L	5.0	1.4	1		10/22/21 22:06	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		10/22/21 22:06	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		10/22/21 22:06	74-87-3	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		10/22/21 22:06	124-48-1	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		10/22/21 22:06	100-41-4	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		10/22/21 22:06	75-09-2	
Styrene	<0.36	ug/L	1.0	0.36	1		10/22/21 22:06	100-42-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		10/22/21 22:06	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		10/22/21 22:06	108-88-3	
Trichloroethene	0.42J	ug/L	1.0	0.32	1		10/22/21 22:06	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		10/22/21 22:06	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		10/22/21 22:06	1330-20-7	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		10/22/21 22:06	156-59-2	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		10/22/21 22:06	10061-01-5	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		10/22/21 22:06	156-60-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		10/22/21 22:06	10061-02-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	91	%	70-130		1		10/22/21 22:06	460-00-4	
1,2-Dichlorobenzene-d4 (S)	102	%	70-130		1		10/22/21 22:06	2199-69-1	
Toluene-d8 (S)	100	%	70-130		1		10/22/21 22:06	2037-26-5	

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### ANALYTICAL RESULTS

Project: 419607.0000 PHASE 4 LEMBERGER  
Pace Project No.: 40235604

**Sample: RM-214D**      **Lab ID: 40235604006**      Collected: 10/17/21 18:20      Received: 10/21/21 13:45      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1-Trichloroethane	9.2	ug/L	1.0	0.30	1		10/23/21 01:40	71-55-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		10/23/21 01:40	79-34-5	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		10/23/21 01:40	79-00-5	
1,1-Dichloroethane	6.2	ug/L	1.0	0.30	1		10/23/21 01:40	75-34-3	
1,1-Dichloroethene	0.63J	ug/L	1.0	0.58	1		10/23/21 01:40	75-35-4	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		10/23/21 01:40	107-06-2	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		10/23/21 01:40	78-87-5	
2-Butanone (MEK)	<6.5	ug/L	25.0	6.5	1		10/23/21 01:40	78-93-3	
2-Hexanone	<6.3	ug/L	25.0	6.3	1		10/23/21 01:40	591-78-6	
4-Methyl-2-pentanone (MIBK)	<6.0	ug/L	25.0	6.0	1		10/23/21 01:40	108-10-1	
Acetone	<8.6	ug/L	25.0	8.6	1		10/23/21 01:40	67-64-1	
Benzene	<0.30	ug/L	1.0	0.30	1		10/23/21 01:40	71-43-2	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		10/23/21 01:40	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		10/23/21 01:40	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		10/23/21 01:40	74-83-9	
Carbon disulfide	<1.1	ug/L	5.0	1.1	1		10/23/21 01:40	75-15-0	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		10/23/21 01:40	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		10/23/21 01:40	108-90-7	
Chloroethane	<1.4 UJ	ug/L	5.0	1.4	1		10/23/21 01:40	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		10/23/21 01:40	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		10/23/21 01:40	74-87-3	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		10/23/21 01:40	124-48-1	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		10/23/21 01:40	100-41-4	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		10/23/21 01:40	75-09-2	
Styrene	<0.36	ug/L	1.0	0.36	1		10/23/21 01:40	100-42-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		10/23/21 01:40	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		10/23/21 01:40	108-88-3	
Trichloroethene	3.2	ug/L	1.0	0.32	1		10/23/21 01:40	79-01-6	
Vinyl chloride	0.50J	ug/L	1.0	0.17	1		10/23/21 01:40	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		10/23/21 01:40	1330-20-7	
cis-1,2-Dichloroethene	16.3	ug/L	1.0	0.47	1		10/23/21 01:40	156-59-2	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		10/23/21 01:40	10061-01-5	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		10/23/21 01:40	156-60-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		10/23/21 01:40	10061-02-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	92	%	70-130		1		10/23/21 01:40	460-00-4	
1,2-Dichlorobenzene-d4 (S)	101	%	70-130		1		10/23/21 01:40	2199-69-1	
Toluene-d8 (S)	99	%	70-130		1		10/23/21 01:40	2037-26-5	

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### ANALYTICAL RESULTS

Project: 419607.0000 PHASE 4 LEMBERGER

Pace Project No.: 40235605

**Sample: RM-212D**      **Lab ID: 40235605001**      Collected: 10/20/21 09:26      Received: 10/21/21 13:45      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		10/22/21 22:25	71-55-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		10/22/21 22:25	79-34-5	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		10/22/21 22:25	79-00-5	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		10/22/21 22:25	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		10/22/21 22:25	75-35-4	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		10/22/21 22:25	107-06-2	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		10/22/21 22:25	78-87-5	
2-Butanone (MEK)	<6.5	ug/L	25.0	6.5	1		10/22/21 22:25	78-93-3	
2-Hexanone	<6.3	ug/L	25.0	6.3	1		10/22/21 22:25	591-78-6	
4-Methyl-2-pentanone (MIBK)	<6.0	ug/L	25.0	6.0	1		10/22/21 22:25	108-10-1	
Acetone	<8.6	ug/L	25.0	8.6	1		10/22/21 22:25	67-64-1	
Benzene	<0.30	ug/L	1.0	0.30	1		10/22/21 22:25	71-43-2	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		10/22/21 22:25	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		10/22/21 22:25	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		10/22/21 22:25	74-83-9	
Carbon disulfide	<1.1	ug/L	5.0	1.1	1		10/22/21 22:25	75-15-0	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		10/22/21 22:25	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		10/22/21 22:25	108-90-7	
Chloroethane	<1.4 UJ	ug/L	5.0	1.4	1		10/22/21 22:25	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		10/22/21 22:25	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		10/22/21 22:25	74-87-3	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		10/22/21 22:25	124-48-1	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		10/22/21 22:25	100-41-4	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		10/22/21 22:25	75-09-2	
Styrene	<0.36	ug/L	1.0	0.36	1		10/22/21 22:25	100-42-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		10/22/21 22:25	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		10/22/21 22:25	108-88-3	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		10/22/21 22:25	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		10/22/21 22:25	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		10/22/21 22:25	1330-20-7	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		10/22/21 22:25	156-59-2	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		10/22/21 22:25	10061-01-5	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		10/22/21 22:25	156-60-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		10/22/21 22:25	10061-02-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	92	%	70-130		1		10/22/21 22:25	460-00-4	
1,2-Dichlorobenzene-d4 (S)	101	%	70-130		1		10/22/21 22:25	2199-69-1	
Toluene-d8 (S)	99	%	70-130		1		10/22/21 22:25	2037-26-5	

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### ANALYTICAL RESULTS

Project: 419607.0000 PHASE 4 LEMBERGER  
Pace Project No.: 40235605

**Sample: RM-203D**      **Lab ID: 40235605002**      Collected: 10/20/21 11:13      Received: 10/21/21 13:45      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>6020B MET ICPMS</b>									
Analytical Method: EPA 6020B    Preparation Method: EPA 3010A Pace Analytical Services - Green Bay									
Iron	169J	ug/L	250	58.0	1	11/01/21 05:16	11/02/21 00:14	7439-89-6	
Manganese	3.3J	ug/L	4.0	1.2	1	11/01/21 05:16	11/02/21 00:14	7439-96-5	
<b>8260 MSV</b>									
Analytical Method: EPA 8260 Pace Analytical Services - Green Bay									
1,1,1-Trichloroethane	0.35J	ug/L	1.0	0.30	1		10/23/21 01:59	71-55-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		10/23/21 01:59	79-34-5	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		10/23/21 01:59	79-00-5	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		10/23/21 01:59	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		10/23/21 01:59	75-35-4	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		10/23/21 01:59	107-06-2	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		10/23/21 01:59	78-87-5	
2-Butanone (MEK)	<6.5	ug/L	25.0	6.5	1		10/23/21 01:59	78-93-3	
2-Hexanone	<6.3	ug/L	25.0	6.3	1		10/23/21 01:59	591-78-6	
4-Methyl-2-pentanone (MIBK)	<6.0	ug/L	25.0	6.0	1		10/23/21 01:59	108-10-1	
Acetone	<8.6	ug/L	25.0	8.6	1		10/23/21 01:59	67-64-1	
Benzene	<0.30	ug/L	1.0	0.30	1		10/23/21 01:59	71-43-2	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		10/23/21 01:59	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		10/23/21 01:59	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		10/23/21 01:59	74-83-9	
Carbon disulfide	<1.1	ug/L	5.0	1.1	1		10/23/21 01:59	75-15-0	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		10/23/21 01:59	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		10/23/21 01:59	108-90-7	
Chloroethane	<1.4 UJ	ug/L	5.0	1.4	1		10/23/21 01:59	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		10/23/21 01:59	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		10/23/21 01:59	74-87-3	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		10/23/21 01:59	124-48-1	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		10/23/21 01:59	100-41-4	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		10/23/21 01:59	75-09-2	
Styrene	<0.36	ug/L	1.0	0.36	1		10/23/21 01:59	100-42-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		10/23/21 01:59	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		10/23/21 01:59	108-88-3	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		10/23/21 01:59	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		10/23/21 01:59	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		10/23/21 01:59	1330-20-7	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		10/23/21 01:59	156-59-2	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		10/23/21 01:59	10061-01-5	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		10/23/21 01:59	156-60-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		10/23/21 01:59	10061-02-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	90	%	70-130		1		10/23/21 01:59	460-00-4	
1,2-Dichlorobenzene-d4 (S)	101	%	70-130		1		10/23/21 01:59	2199-69-1	
Toluene-d8 (S)	101	%	70-130		1		10/23/21 01:59	2037-26-5	

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### ANALYTICAL RESULTS

Project: 419607.0000 PHASE 4 LEMBERGER  
Pace Project No.: 40235605

**Sample: RM-203D**      **Lab ID: 40235605002**      Collected: 10/20/21 11:13      Received: 10/21/21 13:45      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>300.0 IC Anions</b>									
Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay									
Chloride	<b>29.7</b>	mg/L	2.0	0.43	1		11/03/21 23:50	16887-00-6	
Sulfate	<b>22.6 J+</b>	mg/L	2.0	0.44	1		11/03/21 23:50	14808-79-8	
<b>310.2 Alkalinity</b>									
Analytical Method: EPA 310.2 Pace Analytical Services - Green Bay									
Alkalinity, Total as CaCO3	<b>358</b>	mg/L	24.8	7.4	1		11/02/21 12:20		
<b>353.2 Nitrogen, NO2/NO3 pres.</b>									
Analytical Method: EPA 353.2 Pace Analytical Services - Green Bay									
Nitrogen, NO2 plus NO3	<b>8.0 J-</b>	mg/L	0.25	0.059	1		11/01/21 11:02		
<b>5310C TOC</b>									
Analytical Method: SM 5310C Pace Analytical Services - Green Bay									
Total Organic Carbon	<b>1.3 J+</b>	mg/L	0.50	0.14	1		10/26/21 16:28	7440-44-0	

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## ANALYTICAL RESULTS

Project: 419607.0000 PHASE 4 LEMBERGER

Pace Project No.: 40235605

**Sample: OW-104F**      **Lab ID: 40235605003**      Collected: 10/20/21 13:59      Received: 10/21/21 13:45      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>6020B MET ICPMS</b>									
Analytical Method: EPA 6020B    Preparation Method: EPA 3010A									
Pace Analytical Services - Green Bay									
Iron	<b>213J</b>	ug/L	250	58.0	1	11/01/21 05:16	11/02/21 00:29	7439-89-6	
Manganese	<b>7.4</b>	ug/L	4.0	1.2	1	11/01/21 05:16	11/02/21 00:29	7439-96-5	
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1-Trichloroethane	<b>6.0</b>	ug/L	1.0	0.30	1		10/23/21 02:19	71-55-6	
1,1,2,2-Tetrachloroethane	<b>&lt;0.38</b>	ug/L	1.0	0.38	1		10/23/21 02:19	79-34-5	
1,1,2-Trichloroethane	<b>&lt;0.34</b>	ug/L	5.0	0.34	1		10/23/21 02:19	79-00-5	
1,1-Dichloroethane	<b>3.3</b>	ug/L	1.0	0.30	1		10/23/21 02:19	75-34-3	
1,1-Dichloroethene	<b>1.3</b>	ug/L	1.0	0.58	1		10/23/21 02:19	75-35-4	
1,2-Dichloroethane	<b>&lt;0.29</b>	ug/L	1.0	0.29	1		10/23/21 02:19	107-06-2	
1,2-Dichloropropane	<b>&lt;0.45</b>	ug/L	1.0	0.45	1		10/23/21 02:19	78-87-5	
2-Butanone (MEK)	<b>&lt;6.5</b>	ug/L	25.0	6.5	1		10/23/21 02:19	78-93-3	
2-Hexanone	<b>&lt;6.3</b>	ug/L	25.0	6.3	1		10/23/21 02:19	591-78-6	
4-Methyl-2-pentanone (MIBK)	<b>&lt;6.0</b>	ug/L	25.0	6.0	1		10/23/21 02:19	108-10-1	
Acetone	<b>&lt;8.6</b>	ug/L	25.0	8.6	1		10/23/21 02:19	67-64-1	
Benzene	<b>&lt;0.30</b>	ug/L	1.0	0.30	1		10/23/21 02:19	71-43-2	
Bromodichloromethane	<b>&lt;0.42</b>	ug/L	1.0	0.42	1		10/23/21 02:19	75-27-4	
Bromoform	<b>&lt;3.8</b>	ug/L	5.0	3.8	1		10/23/21 02:19	75-25-2	
Bromomethane	<b>&lt;1.2</b>	ug/L	5.0	1.2	1		10/23/21 02:19	74-83-9	
Carbon disulfide	<b>&lt;1.1</b>	ug/L	5.0	1.1	1		10/23/21 02:19	75-15-0	
Carbon tetrachloride	<b>&lt;0.37</b>	ug/L	1.0	0.37	1		10/23/21 02:19	56-23-5	
Chlorobenzene	<b>&lt;0.86</b>	ug/L	1.0	0.86	1		10/23/21 02:19	108-90-7	
Chloroethane	<b>&lt;1.4 UJ</b>	ug/L	5.0	1.4	1		10/23/21 02:19	75-00-3	
Chloroform	<b>&lt;1.2</b>	ug/L	5.0	1.2	1		10/23/21 02:19	67-66-3	
Chloromethane	<b>&lt;1.6</b>	ug/L	5.0	1.6	1		10/23/21 02:19	74-87-3	
Dibromochloromethane	<b>&lt;2.6</b>	ug/L	5.0	2.6	1		10/23/21 02:19	124-48-1	
Ethylbenzene	<b>&lt;0.33</b>	ug/L	1.0	0.33	1		10/23/21 02:19	100-41-4	
Methylene Chloride	<b>&lt;0.32</b>	ug/L	5.0	0.32	1		10/23/21 02:19	75-09-2	
Styrene	<b>&lt;0.36</b>	ug/L	1.0	0.36	1		10/23/21 02:19	100-42-5	
Tetrachloroethene	<b>&lt;0.41</b>	ug/L	1.0	0.41	1		10/23/21 02:19	127-18-4	
Toluene	<b>&lt;0.29</b>	ug/L	1.0	0.29	1		10/23/21 02:19	108-88-3	
Trichloroethene	<b>3.1</b>	ug/L	1.0	0.32	1		10/23/21 02:19	79-01-6	
Vinyl chloride	<b>&lt;0.17</b>	ug/L	1.0	0.17	1		10/23/21 02:19	75-01-4	
Xylene (Total)	<b>&lt;1.0</b>	ug/L	3.0	1.0	1		10/23/21 02:19	1330-20-7	
cis-1,2-Dichloroethene	<b>2.4</b>	ug/L	1.0	0.47	1		10/23/21 02:19	156-59-2	
cis-1,3-Dichloropropene	<b>&lt;0.36</b>	ug/L	1.0	0.36	1		10/23/21 02:19	10061-01-5	
trans-1,2-Dichloroethene	<b>&lt;0.53</b>	ug/L	1.0	0.53	1		10/23/21 02:19	156-60-5	
trans-1,3-Dichloropropene	<b>&lt;3.5</b>	ug/L	5.0	3.5	1		10/23/21 02:19	10061-02-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	91	%	70-130		1		10/23/21 02:19	460-00-4	
1,2-Dichlorobenzene-d4 (S)	99	%	70-130		1		10/23/21 02:19	2199-69-1	
Toluene-d8 (S)	99	%	70-130		1		10/23/21 02:19	2037-26-5	

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## ANALYTICAL RESULTS

Project: 419607.0000 PHASE 4 LEMBERGER

Pace Project No.: 40235605

**Sample: OW-104F**      **Lab ID: 40235605003**      Collected: 10/20/21 13:59      Received: 10/21/21 13:45      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>300.0 IC Anions</b>									
Analytical Method: EPA 300.0									
Pace Analytical Services - Green Bay									
Chloride	<b>8.4</b>	mg/L	2.0	0.43	1		11/04/21 00:04	16887-00-6	
Sulfate	<b>21.6 J+</b>	mg/L	2.0	0.44	1		11/04/21 00:04	14808-79-8	
<b>310.2 Alkalinity</b>									
Analytical Method: EPA 310.2									
Pace Analytical Services - Green Bay									
Alkalinity, Total as CaCO <sub>3</sub>	<b>304</b>	mg/L	24.8	7.4	1		11/02/21 12:21		
<b>353.2 Nitrogen, NO<sub>2</sub>/NO<sub>3</sub> pres.</b>									
Analytical Method: EPA 353.2									
Pace Analytical Services - Green Bay									
Nitrogen, NO <sub>2</sub> plus NO <sub>3</sub>	<b>1.6 J-</b>	mg/L	0.25	0.059	1		11/01/21 11:03		
<b>5310C TOC</b>									
Analytical Method: SM 5310C									
Pace Analytical Services - Green Bay									
Total Organic Carbon	<b>0.69 J+</b>	mg/L	0.50	0.14	1		10/26/21 16:43	7440-44-0	

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### ANALYTICAL RESULTS

Project: 419607.0000 PHASE 4 LEMBERGER

Pace Project No.: 40235605

**Sample: RM-202D**      **Lab ID: 40235605004**      Collected: 10/20/21 16:50      Received: 10/21/21 13:45      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		10/22/21 21:47	71-55-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		10/22/21 21:47	79-34-5	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		10/22/21 21:47	79-00-5	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		10/22/21 21:47	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		10/22/21 21:47	75-35-4	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		10/22/21 21:47	107-06-2	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		10/22/21 21:47	78-87-5	
2-Butanone (MEK)	<6.5	ug/L	25.0	6.5	1		10/22/21 21:47	78-93-3	
2-Hexanone	<6.3	ug/L	25.0	6.3	1		10/22/21 21:47	591-78-6	
4-Methyl-2-pentanone (MIBK)	<6.0	ug/L	25.0	6.0	1		10/22/21 21:47	108-10-1	
Acetone	<8.6	ug/L	25.0	8.6	1		10/22/21 21:47	67-64-1	
Benzene	<0.30	ug/L	1.0	0.30	1		10/22/21 21:47	71-43-2	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		10/22/21 21:47	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		10/22/21 21:47	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		10/22/21 21:47	74-83-9	
Carbon disulfide	<1.1	ug/L	5.0	1.1	1		10/22/21 21:47	75-15-0	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		10/22/21 21:47	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		10/22/21 21:47	108-90-7	
Chloroethane	<1.4 UJ	ug/L	5.0	1.4	1		10/22/21 21:47	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		10/22/21 21:47	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		10/22/21 21:47	74-87-3	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		10/22/21 21:47	124-48-1	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		10/22/21 21:47	100-41-4	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		10/22/21 21:47	75-09-2	
Styrene	<0.36	ug/L	1.0	0.36	1		10/22/21 21:47	100-42-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		10/22/21 21:47	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		10/22/21 21:47	108-88-3	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		10/22/21 21:47	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		10/22/21 21:47	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		10/22/21 21:47	1330-20-7	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		10/22/21 21:47	156-59-2	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		10/22/21 21:47	10061-01-5	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		10/22/21 21:47	156-60-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		10/22/21 21:47	10061-02-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	94	%	70-130		1		10/22/21 21:47	460-00-4	
1,2-Dichlorobenzene-d4 (S)	102	%	70-130		1		10/22/21 21:47	2199-69-1	
Toluene-d8 (S)	100	%	70-130		1		10/22/21 21:47	2037-26-5	

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### ANALYTICAL RESULTS

Project: 419607.0000 PHASE 4 LEMBERGER

Pace Project No.: 40235605

Sample: **FB-003** Lab ID: **40235605005** Collected: 10/20/21 18:00 Received: 10/21/21 13:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		10/22/21 21:08	71-55-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		10/22/21 21:08	79-34-5	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		10/22/21 21:08	79-00-5	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		10/22/21 21:08	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		10/22/21 21:08	75-35-4	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		10/22/21 21:08	107-06-2	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		10/22/21 21:08	78-87-5	
2-Butanone (MEK)	<6.5	ug/L	25.0	6.5	1		10/22/21 21:08	78-93-3	
2-Hexanone	<6.3	ug/L	25.0	6.3	1		10/22/21 21:08	591-78-6	
4-Methyl-2-pentanone (MIBK)	<6.0	ug/L	25.0	6.0	1		10/22/21 21:08	108-10-1	
Acetone	8.8J	ug/L	25.0	8.6	1		10/22/21 21:08	67-64-1	
Benzene	<0.30	ug/L	1.0	0.30	1		10/22/21 21:08	71-43-2	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		10/22/21 21:08	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		10/22/21 21:08	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		10/22/21 21:08	74-83-9	
Carbon disulfide	<1.1	ug/L	5.0	1.1	1		10/22/21 21:08	75-15-0	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		10/22/21 21:08	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		10/22/21 21:08	108-90-7	
Chloroethane	<1.4 UJ	ug/L	5.0	1.4	1		10/22/21 21:08	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		10/22/21 21:08	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		10/22/21 21:08	74-87-3	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		10/22/21 21:08	124-48-1	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		10/22/21 21:08	100-41-4	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		10/22/21 21:08	75-09-2	
Styrene	<0.36	ug/L	1.0	0.36	1		10/22/21 21:08	100-42-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		10/22/21 21:08	127-18-4	
Toluene	2.2	ug/L	1.0	0.29	1		10/22/21 21:08	108-88-3	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		10/22/21 21:08	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		10/22/21 21:08	75-01-4	
Xylene (Total)	1.2J	ug/L	3.0	1.0	1		10/22/21 21:08	1330-20-7	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		10/22/21 21:08	156-59-2	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		10/22/21 21:08	10061-01-5	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		10/22/21 21:08	156-60-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		10/22/21 21:08	10061-02-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	93	%	70-130		1		10/22/21 21:08	460-00-4	
1,2-Dichlorobenzene-d4 (S)	102	%	70-130		1		10/22/21 21:08	2199-69-1	
Toluene-d8 (S)	99	%	70-130		1		10/22/21 21:08	2037-26-5	

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### ANALYTICAL RESULTS

Project: 419607.0000 PHASE 4 LEMBERGER

Pace Project No.: 40235605

**Sample: TB-001**      **Lab ID: 40235605006**      Collected: 10/20/21 00:00      Received: 10/21/21 13:45      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		10/22/21 21:27	71-55-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		10/22/21 21:27	79-34-5	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		10/22/21 21:27	79-00-5	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		10/22/21 21:27	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		10/22/21 21:27	75-35-4	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		10/22/21 21:27	107-06-2	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		10/22/21 21:27	78-87-5	
2-Butanone (MEK)	<6.5	ug/L	25.0	6.5	1		10/22/21 21:27	78-93-3	
2-Hexanone	<6.3	ug/L	25.0	6.3	1		10/22/21 21:27	591-78-6	
4-Methyl-2-pentanone (MIBK)	<6.0	ug/L	25.0	6.0	1		10/22/21 21:27	108-10-1	
Acetone	<8.6	ug/L	25.0	8.6	1		10/22/21 21:27	67-64-1	
Benzene	<0.30	ug/L	1.0	0.30	1		10/22/21 21:27	71-43-2	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		10/22/21 21:27	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		10/22/21 21:27	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		10/22/21 21:27	74-83-9	
Carbon disulfide	<1.1	ug/L	5.0	1.1	1		10/22/21 21:27	75-15-0	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		10/22/21 21:27	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		10/22/21 21:27	108-90-7	
Chloroethane	<1.4 UJ	ug/L	5.0	1.4	1		10/22/21 21:27	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		10/22/21 21:27	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		10/22/21 21:27	74-87-3	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		10/22/21 21:27	124-48-1	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		10/22/21 21:27	100-41-4	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		10/22/21 21:27	75-09-2	
Styrene	<0.36	ug/L	1.0	0.36	1		10/22/21 21:27	100-42-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		10/22/21 21:27	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		10/22/21 21:27	108-88-3	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		10/22/21 21:27	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		10/22/21 21:27	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		10/22/21 21:27	1330-20-7	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		10/22/21 21:27	156-59-2	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		10/22/21 21:27	10061-01-5	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		10/22/21 21:27	156-60-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		10/22/21 21:27	10061-02-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	93	%	70-130		1		10/22/21 21:27	460-00-4	
1,2-Dichlorobenzene-d4 (S)	102	%	70-130		1		10/22/21 21:27	2199-69-1	
Toluene-d8 (S)	100	%	70-130		1		10/22/21 21:27	2037-26-5	

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### ANALYTICAL RESULTS

Project: 419607.0000 PHASE 4 LEMBERGER

Pace Project No.: 40235688

Sample: RM-005D Lab ID: 40235688001 Collected: 10/21/21 08:33 Received: 10/22/21 17:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1-Trichloroethane	15.6	ug/L	1.0	0.30	1		10/28/21 10:59	71-55-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		10/28/21 10:59	79-34-5	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		10/28/21 10:59	79-00-5	
1,1-Dichloroethane	11.6	ug/L	1.0	0.30	1		10/28/21 10:59	75-34-3	
1,1-Dichloroethene	3.6	ug/L	1.0	0.58	1		10/28/21 10:59	75-35-4	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		10/28/21 10:59	107-06-2	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		10/28/21 10:59	78-87-5	
2-Butanone (MEK)	<6.5	ug/L	25.0	6.5	1		10/28/21 10:59	78-93-3	
2-Hexanone	<6.3	ug/L	25.0	6.3	1		10/28/21 10:59	591-78-6	
4-Methyl-2-pentanone (MIBK)	<6.0	ug/L	25.0	6.0	1		10/28/21 10:59	108-10-1	
Acetone	<8.6	ug/L	25.0	8.6	1		10/28/21 10:59	67-64-1	
Benzene	<0.30	ug/L	1.0	0.30	1		10/28/21 10:59	71-43-2	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		10/28/21 10:59	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		10/28/21 10:59	75-25-2	
Bromomethane	<1.2 UJ	ug/L	5.0	1.2	1		10/28/21 10:59	74-83-9	
Carbon disulfide	<1.1	ug/L	5.0	1.1	1		10/28/21 10:59	75-15-0	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		10/28/21 10:59	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		10/28/21 10:59	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		10/28/21 10:59	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		10/28/21 10:59	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		10/28/21 10:59	74-87-3	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		10/28/21 10:59	124-48-1	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		10/28/21 10:59	100-41-4	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		10/28/21 10:59	75-09-2	
Styrene	<0.36	ug/L	1.0	0.36	1		10/28/21 10:59	100-42-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		10/28/21 10:59	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		10/28/21 10:59	108-88-3	
Trichloroethene	2.8	ug/L	1.0	0.32	1		10/28/21 10:59	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		10/28/21 10:59	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		10/28/21 10:59	1330-20-7	
cis-1,2-Dichloroethene	6.1	ug/L	1.0	0.47	1		10/28/21 10:59	156-59-2	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		10/28/21 10:59	10061-01-5	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		10/28/21 10:59	156-60-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		10/28/21 10:59	10061-02-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	106	%	70-130		1		10/28/21 10:59	460-00-4	
1,2-Dichlorobenzene-d4 (S)	98	%	70-130		1		10/28/21 10:59	2199-69-1	
Toluene-d8 (S)	108	%	70-130		1		10/28/21 10:59	2037-26-5	

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### ANALYTICAL RESULTS

Project: 419607.0000 PHASE 4 LEMBERGER

Pace Project No.: 40235688

Sample: RM-208XD Lab ID: 40235688002 Collected: 10/21/21 10:55 Received: 10/22/21 17:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		10/29/21 09:17	71-55-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		10/29/21 09:17	79-34-5	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		10/29/21 09:17	79-00-5	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		10/29/21 09:17	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		10/29/21 09:17	75-35-4	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		10/29/21 09:17	107-06-2	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		10/29/21 09:17	78-87-5	
2-Butanone (MEK)	<6.5	ug/L	25.0	6.5	1		10/29/21 09:17	78-93-3	
2-Hexanone	<6.3	ug/L	25.0	6.3	1		10/29/21 09:17	591-78-6	
4-Methyl-2-pentanone (MIBK)	<6.0	ug/L	25.0	6.0	1		10/29/21 09:17	108-10-1	
Acetone	<8.6	ug/L	25.0	8.6	1		10/29/21 09:17	67-64-1	
Benzene	<0.30	ug/L	1.0	0.30	1		10/29/21 09:17	71-43-2	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		10/29/21 09:17	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		10/29/21 09:17	75-25-2	
Bromomethane	<1.2 UJ	ug/L	5.0	1.2	1		10/29/21 09:17	74-83-9	
Carbon disulfide	<1.1	ug/L	5.0	1.1	1		10/29/21 09:17	75-15-0	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		10/29/21 09:17	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		10/29/21 09:17	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		10/29/21 09:17	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		10/29/21 09:17	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		10/29/21 09:17	74-87-3	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		10/29/21 09:17	124-48-1	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		10/29/21 09:17	100-41-4	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		10/29/21 09:17	75-09-2	
Styrene	<0.36	ug/L	1.0	0.36	1		10/29/21 09:17	100-42-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		10/29/21 09:17	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		10/29/21 09:17	108-88-3	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		10/29/21 09:17	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		10/29/21 09:17	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		10/29/21 09:17	1330-20-7	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		10/29/21 09:17	156-59-2	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		10/29/21 09:17	10061-01-5	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		10/29/21 09:17	156-60-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		10/29/21 09:17	10061-02-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	97	%	70-130		1		10/29/21 09:17	460-00-4	
1,2-Dichlorobenzene-d4 (S)	105	%	70-130		1		10/29/21 09:17	2199-69-1	
Toluene-d8 (S)	103	%	70-130		1		10/29/21 09:17	2037-26-5	

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## ANALYTICAL RESULTS

Project: 419607.0000 PHASE 4 LEMBERGER

Pace Project No.: 40235688

**Sample: RM-208D**      **Lab ID: 40235688003**      Collected: 10/21/21 11:51      Received: 10/22/21 17:00      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1-Trichloroethane	8.5	ug/L	1.0	0.30	1		10/29/21 09:36	71-55-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		10/29/21 09:36	79-34-5	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		10/29/21 09:36	79-00-5	
1,1-Dichloroethane	5.8	ug/L	1.0	0.30	1		10/29/21 09:36	75-34-3	
1,1-Dichloroethene	2.8	ug/L	1.0	0.58	1		10/29/21 09:36	75-35-4	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		10/29/21 09:36	107-06-2	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		10/29/21 09:36	78-87-5	
2-Butanone (MEK)	<6.5	ug/L	25.0	6.5	1		10/29/21 09:36	78-93-3	
2-Hexanone	<6.3	ug/L	25.0	6.3	1		10/29/21 09:36	591-78-6	
4-Methyl-2-pentanone (MIBK)	<6.0	ug/L	25.0	6.0	1		10/29/21 09:36	108-10-1	
Acetone	<8.6	ug/L	25.0	8.6	1		10/29/21 09:36	67-64-1	
Benzene	<0.30	ug/L	1.0	0.30	1		10/29/21 09:36	71-43-2	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		10/29/21 09:36	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		10/29/21 09:36	75-25-2	
Bromomethane	<1.2 UJ	ug/L	5.0	1.2	1		10/29/21 09:36	74-83-9	
Carbon disulfide	<1.1	ug/L	5.0	1.1	1		10/29/21 09:36	75-15-0	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		10/29/21 09:36	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		10/29/21 09:36	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		10/29/21 09:36	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		10/29/21 09:36	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		10/29/21 09:36	74-87-3	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		10/29/21 09:36	124-48-1	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		10/29/21 09:36	100-41-4	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		10/29/21 09:36	75-09-2	
Styrene	<0.36	ug/L	1.0	0.36	1		10/29/21 09:36	100-42-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		10/29/21 09:36	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		10/29/21 09:36	108-88-3	
Trichloroethene	2.2	ug/L	1.0	0.32	1		10/29/21 09:36	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		10/29/21 09:36	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		10/29/21 09:36	1330-20-7	
cis-1,2-Dichloroethene	5.4	ug/L	1.0	0.47	1		10/29/21 09:36	156-59-2	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		10/29/21 09:36	10061-01-5	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		10/29/21 09:36	156-60-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		10/29/21 09:36	10061-02-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	98	%	70-130		1		10/29/21 09:36	460-00-4	
1,2-Dichlorobenzene-d4 (S)	107	%	70-130		1		10/29/21 09:36	2199-69-1	
Toluene-d8 (S)	104	%	70-130		1		10/29/21 09:36	2037-26-5	

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### ANALYTICAL RESULTS

Project: 419607.0000 PHASE 4 LEMBERGER  
Pace Project No.: 40235688

Sample: **RM-007XD** Lab ID: **40235688004** Collected: 10/21/21 13:25 Received: 10/22/21 17:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>6020B MET ICPMS</b>									
Analytical Method: EPA 6020B Preparation Method: EPA 3010A									
Pace Analytical Services - Green Bay									
Iron	<58.0	ug/L	250	58.0	1	11/01/21 05:16	11/02/21 00:37	7439-89-6	
Manganese	<1.2	ug/L	4.0	1.2	1	11/01/21 05:16	11/02/21 00:37	7439-96-5	
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1-Trichloroethane	201	ug/L	1.0	0.30	1		10/28/21 12:14	71-55-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		10/28/21 12:14	79-34-5	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		10/28/21 12:14	79-00-5	
1,1-Dichloroethane	173	ug/L	1.0	0.30	1		10/28/21 12:14	75-34-3	
1,1-Dichloroethene	35.2	ug/L	1.0	0.58	1		10/28/21 12:14	75-35-4	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		10/28/21 12:14	107-06-2	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		10/28/21 12:14	78-87-5	
2-Butanone (MEK)	<6.5	ug/L	25.0	6.5	1		10/28/21 12:14	78-93-3	
2-Hexanone	<6.3	ug/L	25.0	6.3	1		10/28/21 12:14	591-78-6	
4-Methyl-2-pentanone (MIBK)	<6.0	ug/L	25.0	6.0	1		10/28/21 12:14	108-10-1	
Acetone	<8.6	ug/L	25.0	8.6	1		10/28/21 12:14	67-64-1	
Benzene	<0.30	ug/L	1.0	0.30	1		10/28/21 12:14	71-43-2	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		10/28/21 12:14	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		10/28/21 12:14	75-25-2	
Bromomethane	<1.2 UJ	ug/L	5.0	1.2	1		10/28/21 12:14	74-83-9	
Carbon disulfide	<1.1	ug/L	5.0	1.1	1		10/28/21 12:14	75-15-0	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		10/28/21 12:14	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		10/28/21 12:14	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		10/28/21 12:14	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		10/28/21 12:14	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		10/28/21 12:14	74-87-3	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		10/28/21 12:14	124-48-1	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		10/28/21 12:14	100-41-4	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		10/28/21 12:14	75-09-2	
Styrene	<0.36	ug/L	1.0	0.36	1		10/28/21 12:14	100-42-5	
Tetrachloroethene	2.1	ug/L	1.0	0.41	1		10/28/21 12:14	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		10/28/21 12:14	108-88-3	
Trichloroethene	40.5	ug/L	1.0	0.32	1		10/28/21 12:14	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		10/28/21 12:14	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		10/28/21 12:14	1330-20-7	
cis-1,2-Dichloroethene	73.8	ug/L	1.0	0.47	1		10/28/21 12:14	156-59-2	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		10/28/21 12:14	10061-01-5	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		10/28/21 12:14	156-60-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		10/28/21 12:14	10061-02-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	108	%	70-130		1		10/28/21 12:14	460-00-4	
1,2-Dichlorobenzene-d4 (S)	101	%	70-130		1		10/28/21 12:14	2199-69-1	
Toluene-d8 (S)	108	%	70-130		1		10/28/21 12:14	2037-26-5	

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### ANALYTICAL RESULTS

Project: 419607.0000 PHASE 4 LEMBERGER

Pace Project No.: 40235688

**Sample: RM-007XD**      **Lab ID: 40235688004**      Collected: 10/21/21 13:25      Received: 10/22/21 17:00      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>300.0 IC Anions</b>									
Analytical Method: EPA 300.0									
Pace Analytical Services - Green Bay									
Chloride	<b>8.8</b>	mg/L	2.0	0.43	1		11/04/21 14:20	16887-00-6	
Sulfate	<b>115 J+</b>	mg/L	10.0	2.2	5		11/05/21 05:58	14808-79-8	
<b>310.2 Alkalinity</b>									
Analytical Method: EPA 310.2									
Pace Analytical Services - Green Bay									
Alkalinity, Total as CaCO3	<b>450</b>	mg/L	24.8	7.4	1		11/02/21 12:23		
<b>353.2 Nitrogen, NO2/NO3 pres.</b>									
Analytical Method: EPA 353.2									
Pace Analytical Services - Green Bay									
Nitrogen, NO2 plus NO3	<b>1.2 J-</b>	mg/L	0.25	0.059	1		11/01/21 11:03		<del>MD</del>
<b>5310C TOC</b>									
Analytical Method: SM 5310C									
Pace Analytical Services - Green Bay									
Total Organic Carbon	<b>1.4 J+</b>	mg/L	0.50	0.14	1		11/02/21 08:14	7440-44-0	

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## ANALYTICAL RESULTS

Project: 419607.0000 PHASE 4 LEMBERGER

Pace Project No.: 40235688

Sample: RM-007XXD Lab ID: 40235688005 Collected: 10/21/21 14:42 Received: 10/22/21 17:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		10/29/21 09:54	71-55-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		10/29/21 09:54	79-34-5	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		10/29/21 09:54	79-00-5	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		10/29/21 09:54	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		10/29/21 09:54	75-35-4	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		10/29/21 09:54	107-06-2	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		10/29/21 09:54	78-87-5	
2-Butanone (MEK)	<6.5	ug/L	25.0	6.5	1		10/29/21 09:54	78-93-3	
2-Hexanone	<6.3	ug/L	25.0	6.3	1		10/29/21 09:54	591-78-6	
4-Methyl-2-pentanone (MIBK)	<6.0	ug/L	25.0	6.0	1		10/29/21 09:54	108-10-1	
Acetone	<8.6	ug/L	25.0	8.6	1		10/29/21 09:54	67-64-1	
Benzene	<0.30	ug/L	1.0	0.30	1		10/29/21 09:54	71-43-2	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		10/29/21 09:54	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		10/29/21 09:54	75-25-2	
Bromomethane	<1.2 UJ	ug/L	5.0	1.2	1		10/29/21 09:54	74-83-9	
Carbon disulfide	<1.1	ug/L	5.0	1.1	1		10/29/21 09:54	75-15-0	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		10/29/21 09:54	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		10/29/21 09:54	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		10/29/21 09:54	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		10/29/21 09:54	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		10/29/21 09:54	74-87-3	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		10/29/21 09:54	124-48-1	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		10/29/21 09:54	100-41-4	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		10/29/21 09:54	75-09-2	
Styrene	<0.36	ug/L	1.0	0.36	1		10/29/21 09:54	100-42-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		10/29/21 09:54	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		10/29/21 09:54	108-88-3	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		10/29/21 09:54	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		10/29/21 09:54	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		10/29/21 09:54	1330-20-7	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		10/29/21 09:54	156-59-2	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		10/29/21 09:54	10061-01-5	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		10/29/21 09:54	156-60-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		10/29/21 09:54	10061-02-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	96	%	70-130		1		10/29/21 09:54	460-00-4	
1,2-Dichlorobenzene-d4 (S)	105	%	70-130		1		10/29/21 09:54	2199-69-1	
Toluene-d8 (S)	105	%	70-130		1		10/29/21 09:54	2037-26-5	

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### ANALYTICAL RESULTS

Project: 419607.0000 PHASE 4 LEMBERGER

Pace Project No.: 40235688

**Sample: FDUP-003**      **Lab ID: 40235688006**      Collected: 10/21/21 00:00      Received: 10/22/21 17:00      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		10/28/21 11:55	71-55-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		10/28/21 11:55	79-34-5	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		10/28/21 11:55	79-00-5	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		10/28/21 11:55	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		10/28/21 11:55	75-35-4	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		10/28/21 11:55	107-06-2	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		10/28/21 11:55	78-87-5	
2-Butanone (MEK)	<6.5	ug/L	25.0	6.5	1		10/28/21 11:55	78-93-3	
2-Hexanone	<6.3	ug/L	25.0	6.3	1		10/28/21 11:55	591-78-6	
4-Methyl-2-pentanone (MIBK)	<6.0	ug/L	25.0	6.0	1		10/28/21 11:55	108-10-1	
Acetone	<8.6	ug/L	25.0	8.6	1		10/28/21 11:55	67-64-1	
Benzene	<0.30	ug/L	1.0	0.30	1		10/28/21 11:55	71-43-2	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		10/28/21 11:55	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		10/28/21 11:55	75-25-2	
Bromomethane	<1.2 UJ	ug/L	5.0	1.2	1		10/28/21 11:55	74-83-9	
Carbon disulfide	<1.1	ug/L	5.0	1.1	1		10/28/21 11:55	75-15-0	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		10/28/21 11:55	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		10/28/21 11:55	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		10/28/21 11:55	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		10/28/21 11:55	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		10/28/21 11:55	74-87-3	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		10/28/21 11:55	124-48-1	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		10/28/21 11:55	100-41-4	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		10/28/21 11:55	75-09-2	
Styrene	<0.36	ug/L	1.0	0.36	1		10/28/21 11:55	100-42-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		10/28/21 11:55	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		10/28/21 11:55	108-88-3	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		10/28/21 11:55	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		10/28/21 11:55	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		10/28/21 11:55	1330-20-7	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		10/28/21 11:55	156-59-2	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		10/28/21 11:55	10061-01-5	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		10/28/21 11:55	156-60-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		10/28/21 11:55	10061-02-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	109	%	70-130		1		10/28/21 11:55	460-00-4	
1,2-Dichlorobenzene-d4 (S)	101	%	70-130		1		10/28/21 11:55	2199-69-1	
Toluene-d8 (S)	109	%	70-130		1		10/28/21 11:55	2037-26-5	

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## ANALYTICAL RESULTS

Project: 419607.0000 PHASE 4 LEMBERGER

Pace Project No.: 40235688

**Sample: RM-303D**      **Lab ID: 40235688007**      Collected: 10/22/21 10:09      Received: 10/22/21 17:00      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1-Trichloroethane	177	ug/L	2.0	0.61	2		10/28/21 13:09	71-55-6	
1,1,2,2-Tetrachloroethane	<0.76	ug/L	2.0	0.76	2		10/28/21 13:09	79-34-5	
1,1,2-Trichloroethane	<0.69	ug/L	10.0	0.69	2		10/28/21 13:09	79-00-5	
1,1-Dichloroethane	177	ug/L	2.0	0.59	2		10/28/21 13:09	75-34-3	
1,1-Dichloroethene	6.5	ug/L	2.0	1.2	2		10/28/21 13:09	75-35-4	
1,2-Dichloroethane	<0.58	ug/L	2.0	0.58	2		10/28/21 13:09	107-06-2	
1,2-Dichloropropane	<0.90	ug/L	2.0	0.90	2		10/28/21 13:09	78-87-5	
2-Butanone (MEK)	<13.0	ug/L	50.0	13.0	2		10/28/21 13:09	78-93-3	
2-Hexanone	<12.6	ug/L	50.0	12.6	2		10/28/21 13:09	591-78-6	
4-Methyl-2-pentanone (MIBK)	<11.9	ug/L	50.0	11.9	2		10/28/21 13:09	108-10-1	
Acetone	<17.3	ug/L	50.0	17.3	2		10/28/21 13:09	67-64-1	
Benzene	<0.59	ug/L	2.0	0.59	2		10/28/21 13:09	71-43-2	
Bromodichloromethane	<0.83	ug/L	2.0	0.83	2		10/28/21 13:09	75-27-4	
Bromoform	<7.6	ug/L	10.0	7.6	2		10/28/21 13:09	75-25-2	
Bromomethane	<2.4 UJ	ug/L	10.0	2.4	2		10/28/21 13:09	74-83-9	
Carbon disulfide	<2.2	ug/L	10.0	2.2	2		10/28/21 13:09	75-15-0	
Carbon tetrachloride	<0.74	ug/L	2.0	0.74	2		10/28/21 13:09	56-23-5	
Chlorobenzene	<1.7	ug/L	2.0	1.7	2		10/28/21 13:09	108-90-7	
Chloroethane	<2.8	ug/L	10.0	2.8	2		10/28/21 13:09	75-00-3	
Chloroform	<2.4	ug/L	10.0	2.4	2		10/28/21 13:09	67-66-3	
Chloromethane	<3.3	ug/L	10.0	3.3	2		10/28/21 13:09	74-87-3	
Dibromochloromethane	<5.3	ug/L	10.0	5.3	2		10/28/21 13:09	124-48-1	
Ethylbenzene	<0.65	ug/L	2.0	0.65	2		10/28/21 13:09	100-41-4	
Methylene Chloride	<0.64	ug/L	10.0	0.64	2		10/28/21 13:09	75-09-2	
Styrene	<0.71	ug/L	2.0	0.71	2		10/28/21 13:09	100-42-5	
Tetrachloroethene	2.1	ug/L	2.0	0.82	2		10/28/21 13:09	127-18-4	
Toluene	<0.58	ug/L	2.0	0.58	2		10/28/21 13:09	108-88-3	
Trichloroethene	54.1	ug/L	2.0	0.64	2		10/28/21 13:09	79-01-6	
Vinyl chloride	<0.35	ug/L	2.0	0.35	2		10/28/21 13:09	75-01-4	
Xylene (Total)	<2.1	ug/L	6.0	2.1	2		10/28/21 13:09	1330-20-7	
cis-1,2-Dichloroethene	57.9	ug/L	2.0	0.94	2		10/28/21 13:09	156-59-2	
cis-1,3-Dichloropropene	<0.72	ug/L	2.0	0.72	2		10/28/21 13:09	10061-01-5	
trans-1,2-Dichloroethene	<1.1	ug/L	2.0	1.1	2		10/28/21 13:09	156-60-5	
trans-1,3-Dichloropropene	<6.9	ug/L	10.0	6.9	2		10/28/21 13:09	10061-02-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	103	%	70-130		2		10/28/21 13:09	460-00-4	
1,2-Dichlorobenzene-d4 (S)	102	%	70-130		2		10/28/21 13:09	2199-69-1	
Toluene-d8 (S)	108	%	70-130		2		10/28/21 13:09	2037-26-5	

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### ANALYTICAL RESULTS

Project: 419607.0000 PHASE 4 LEMBERGER

Pace Project No.: 40235688

**Sample: RM-306D**      **Lab ID: 40235688008**      Collected: 10/22/21 12:40      Received: 10/22/21 17:00      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1-Trichloroethane	31.8	ug/L	1.0	0.30	1		10/28/21 11:18	71-55-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		10/28/21 11:18	79-34-5	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		10/28/21 11:18	79-00-5	
1,1-Dichloroethane	3.7	ug/L	1.0	0.30	1		10/28/21 11:18	75-34-3	
1,1-Dichloroethene	1.9	ug/L	1.0	0.58	1		10/28/21 11:18	75-35-4	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		10/28/21 11:18	107-06-2	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		10/28/21 11:18	78-87-5	
2-Butanone (MEK)	<6.5	ug/L	25.0	6.5	1		10/28/21 11:18	78-93-3	
2-Hexanone	<6.3	ug/L	25.0	6.3	1		10/28/21 11:18	591-78-6	
4-Methyl-2-pentanone (MIBK)	<6.0	ug/L	25.0	6.0	1		10/28/21 11:18	108-10-1	
Acetone	<8.6	ug/L	25.0	8.6	1		10/28/21 11:18	67-64-1	
Benzene	<0.30	ug/L	1.0	0.30	1		10/28/21 11:18	71-43-2	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		10/28/21 11:18	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		10/28/21 11:18	75-25-2	
Bromomethane	<1.2 UJ	ug/L	5.0	1.2	1		10/28/21 11:18	74-83-9	
Carbon disulfide	<1.1	ug/L	5.0	1.1	1		10/28/21 11:18	75-15-0	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		10/28/21 11:18	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		10/28/21 11:18	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		10/28/21 11:18	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		10/28/21 11:18	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		10/28/21 11:18	74-87-3	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		10/28/21 11:18	124-48-1	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		10/28/21 11:18	100-41-4	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		10/28/21 11:18	75-09-2	
Styrene	<0.36	ug/L	1.0	0.36	1		10/28/21 11:18	100-42-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		10/28/21 11:18	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		10/28/21 11:18	108-88-3	
Trichloroethene	2.5	ug/L	1.0	0.32	1		10/28/21 11:18	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		10/28/21 11:18	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		10/28/21 11:18	1330-20-7	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		10/28/21 11:18	156-59-2	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		10/28/21 11:18	10061-01-5	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		10/28/21 11:18	156-60-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		10/28/21 11:18	10061-02-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	106	%	70-130		1		10/28/21 11:18	460-00-4	
1,2-Dichlorobenzene-d4 (S)	100	%	70-130		1		10/28/21 11:18	2199-69-1	
Toluene-d8 (S)	108	%	70-130		1		10/28/21 11:18	2037-26-5	

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### ANALYTICAL RESULTS

Project: 419607.0000 PHASE 4 LEMBERGER  
Pace Project No.: 40235688

**Sample: RM-307D**      **Lab ID: 40235688009**      Collected: 10/22/21 14:51      Received: 10/22/21 17:00      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1-Trichloroethane	135	ug/L	1.0	0.30	1		10/28/21 12:32	71-55-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		10/28/21 12:32	79-34-5	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		10/28/21 12:32	79-00-5	
1,1-Dichloroethane	27.7	ug/L	1.0	0.30	1		10/28/21 12:32	75-34-3	
1,1-Dichloroethene	7.1	ug/L	1.0	0.58	1		10/28/21 12:32	75-35-4	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		10/28/21 12:32	107-06-2	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		10/28/21 12:32	78-87-5	
2-Butanone (MEK)	<6.5	ug/L	25.0	6.5	1		10/28/21 12:32	78-93-3	
2-Hexanone	<6.3	ug/L	25.0	6.3	1		10/28/21 12:32	591-78-6	
4-Methyl-2-pentanone (MIBK)	<6.0	ug/L	25.0	6.0	1		10/28/21 12:32	108-10-1	
Acetone	<8.6	ug/L	25.0	8.6	1		10/28/21 12:32	67-64-1	
Benzene	<0.30	ug/L	1.0	0.30	1		10/28/21 12:32	71-43-2	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		10/28/21 12:32	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		10/28/21 12:32	75-25-2	
Bromomethane	<1.2 UJ	ug/L	5.0	1.2	1		10/28/21 12:32	74-83-9	
Carbon disulfide	<1.1	ug/L	5.0	1.1	1		10/28/21 12:32	75-15-0	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		10/28/21 12:32	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		10/28/21 12:32	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		10/28/21 12:32	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		10/28/21 12:32	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		10/28/21 12:32	74-87-3	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		10/28/21 12:32	124-48-1	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		10/28/21 12:32	100-41-4	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		10/28/21 12:32	75-09-2	
Styrene	<0.36	ug/L	1.0	0.36	1		10/28/21 12:32	100-42-5	
Tetrachloroethene	1.0	ug/L	1.0	0.41	1		10/28/21 12:32	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		10/28/21 12:32	108-88-3	
Trichloroethene	14.0	ug/L	1.0	0.32	1		10/28/21 12:32	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		10/28/21 12:32	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		10/28/21 12:32	1330-20-7	
cis-1,2-Dichloroethene	3.7	ug/L	1.0	0.47	1		10/28/21 12:32	156-59-2	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		10/28/21 12:32	10061-01-5	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		10/28/21 12:32	156-60-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		10/28/21 12:32	10061-02-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	107	%	70-130		1		10/28/21 12:32	460-00-4	
1,2-Dichlorobenzene-d4 (S)	102	%	70-130		1		10/28/21 12:32	2199-69-1	
Toluene-d8 (S)	107	%	70-130		1		10/28/21 12:32	2037-26-5	

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## ANALYTICAL RESULTS

Project: 419607.0000 PHASE 4 LEMBERGER

Pace Project No.: 40235688

**Sample: FB-002**      **Lab ID: 40235688010**      Collected: 10/22/21 16:00      Received: 10/22/21 17:00      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>6020B MET ICPMS</b>									
Analytical Method: EPA 6020B    Preparation Method: EPA 3010A									
Pace Analytical Services - Green Bay									
Iron	<58.0	ug/L	250	58.0	1	11/01/21 05:16	11/01/21 23:16	7439-89-6	
Manganese	<1.2	ug/L	4.0	1.2	1	11/01/21 05:16	11/01/21 23:16	7439-96-5	
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		10/29/21 08:21	71-55-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		10/29/21 08:21	79-34-5	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		10/29/21 08:21	79-00-5	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		10/29/21 08:21	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		10/29/21 08:21	75-35-4	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		10/29/21 08:21	107-06-2	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		10/29/21 08:21	78-87-5	
2-Butanone (MEK)	<6.5	ug/L	25.0	6.5	1		10/29/21 08:21	78-93-3	
2-Hexanone	<6.3	ug/L	25.0	6.3	1		10/29/21 08:21	591-78-6	
4-Methyl-2-pentanone (MIBK)	<6.0	ug/L	25.0	6.0	1		10/29/21 08:21	108-10-1	
Acetone	<8.6	ug/L	25.0	8.6	1		10/29/21 08:21	67-64-1	
Benzene	<0.30	ug/L	1.0	0.30	1		10/29/21 08:21	71-43-2	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		10/29/21 08:21	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		10/29/21 08:21	75-25-2	
Bromomethane	<1.2	UJ ug/L	5.0	1.2	1		10/29/21 08:21	74-83-9	
Carbon disulfide	<1.1	ug/L	5.0	1.1	1		10/29/21 08:21	75-15-0	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		10/29/21 08:21	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		10/29/21 08:21	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		10/29/21 08:21	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		10/29/21 08:21	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		10/29/21 08:21	74-87-3	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		10/29/21 08:21	124-48-1	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		10/29/21 08:21	100-41-4	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		10/29/21 08:21	75-09-2	
Styrene	<0.36	ug/L	1.0	0.36	1		10/29/21 08:21	100-42-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		10/29/21 08:21	127-18-4	
Toluene	1.9	ug/L	1.0	0.29	1		10/29/21 08:21	108-88-3	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		10/29/21 08:21	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		10/29/21 08:21	75-01-4	
Xylene (Total)	1.1J	ug/L	3.0	1.0	1		10/29/21 08:21	1330-20-7	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		10/29/21 08:21	156-59-2	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		10/29/21 08:21	10061-01-5	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		10/29/21 08:21	156-60-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		10/29/21 08:21	10061-02-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	97	%	70-130		1		10/29/21 08:21	460-00-4	
1,2-Dichlorobenzene-d4 (S)	104	%	70-130		1		10/29/21 08:21	2199-69-1	
Toluene-d8 (S)	103	%	70-130		1		10/29/21 08:21	2037-26-5	

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## ANALYTICAL RESULTS

Project: 419607.0000 PHASE 4 LEMBERGER

Pace Project No.: 40235688

**Sample: FB-002**      **Lab ID: 40235688010**      Collected: 10/22/21 16:00      Received: 10/22/21 17:00      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>300.0 IC Anions</b>									
Analytical Method: EPA 300.0									
Pace Analytical Services - Green Bay									
Chloride	<0.43	mg/L	2.0	0.43	1		11/04/21 14:34	16887-00-6	
Sulfate	<0.44	mg/L	2.0	0.44	1		11/04/21 14:34	14808-79-8	
<b>310.2 Alkalinity</b>									
Analytical Method: EPA 310.2									
Pace Analytical Services - Green Bay									
Alkalinity, Total as CaCO <sub>3</sub>	<7.4	mg/L	24.8	7.4	1		11/02/21 12:27		
<b>353.2 Nitrogen, NO<sub>2</sub>/NO<sub>3</sub> pres.</b>									
Analytical Method: EPA 353.2									
Pace Analytical Services - Green Bay									
Nitrogen, NO <sub>2</sub> plus NO <sub>3</sub>	<0.059	mg/L	0.25	0.059	1		11/01/21 11:09		
<b>5310C TOC</b>									
Analytical Method: SM 5310C									
Pace Analytical Services - Green Bay									
Total Organic Carbon	0.49J	mg/L	0.50	0.14	1		11/02/21 08:29	7440-44-0	

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### ANALYTICAL RESULTS

Project: 419607.0000 PHASE 4 LEMBERGER

Pace Project No.: 40235688

Sample: TB-001 Lab ID: 40235688011 Collected: 10/22/21 00:00 Received: 10/22/21 17:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1-Trichloroethane	<0.30 UJ	ug/L	1.0	0.30	1		10/29/21 08:59	71-55-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		10/29/21 08:59	79-34-5	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		10/29/21 08:59	79-00-5	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		10/29/21 08:59	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		10/29/21 08:59	75-35-4	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		10/29/21 08:59	107-06-2	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		10/29/21 08:59	78-87-5	
2-Butanone (MEK)	<6.5	ug/L	25.0	6.5	1		10/29/21 08:59	78-93-3	
2-Hexanone	<6.3	ug/L	25.0	6.3	1		10/29/21 08:59	591-78-6	
4-Methyl-2-pentanone (MIBK)	<6.0	ug/L	25.0	6.0	1		10/29/21 08:59	108-10-1	
Acetone	<8.6	ug/L	25.0	8.6	1		10/29/21 08:59	67-64-1	
Benzene	<0.30	ug/L	1.0	0.30	1		10/29/21 08:59	71-43-2	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		10/29/21 08:59	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		10/29/21 08:59	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		10/29/21 08:59	74-83-9	
Carbon disulfide	<1.1	ug/L	5.0	1.1	1		10/29/21 08:59	75-15-0	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		10/29/21 08:59	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		10/29/21 08:59	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		10/29/21 08:59	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		10/29/21 08:59	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		10/29/21 08:59	74-87-3	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		10/29/21 08:59	124-48-1	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		10/29/21 08:59	100-41-4	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		10/29/21 08:59	75-09-2	
Styrene	<0.36	ug/L	1.0	0.36	1		10/29/21 08:59	100-42-5	
Tetrachloroethene	<0.41 UJ	ug/L	1.0	0.41	1		10/29/21 08:59	127-18-4	
Toluene	1.2 J-	ug/L	1.0	0.29	1		10/29/21 08:59	108-88-3	
Trichloroethene	<0.32 UJ	ug/L	1.0	0.32	1		10/29/21 08:59	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		10/29/21 08:59	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		10/29/21 08:59	1330-20-7	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		10/29/21 08:59	156-59-2	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		10/29/21 08:59	10061-01-5	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		10/29/21 08:59	156-60-5	
trans-1,3-Dichloropropene	<3.5 UJ	ug/L	5.0	3.5	1		10/29/21 08:59	10061-02-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	97	%	70-130		1		10/29/21 08:59	460-00-4	---HS---
1,2-Dichlorobenzene-d4 (S)	106	%	70-130		1		10/29/21 08:59	2199-69-1	
Toluene-d8 (S)	105	%	70-130		1		10/29/21 08:59	2037-26-5	

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## **Attachment 2**

### **Table of Wisconsin Administrative Code Chapter NR 140 Groundwater Quality Standards (Enforcement Standards [ESs], Preventive Action Limits [PALs], Maximum Contaminant Levels [MCLs], and Secondary Maximum Contaminant Levels [SMCLs]) for the Pertinent Parameters**

**Attachment 2  
Groundwater Quality Standards**

Parameter Name	Units	MCL	SMCL	NR PAL	NR ES
1,1,1,2-Tetrachloroethane	µg/L			7	70
1,1,1-Trichloroethane	µg/L	200		40	200
1,1,2-Trichloroethane	µg/L	5		0.5	5
1,1-Dichloroethene	µg/L	7		0.7	7
1,2,3-Trichloropropane	µg/L			12	60
1,2,4-Trichlorobenzene	µg/L	70		14	70
1,2-Dichlorobenzene	µg/L	600		60	600
1,2-Dichloroethane	µg/L	5		0.5	5
1,2-Dichloropropane	µg/L	5		0.5	5
1,4-Dichlorobenzene	µg/L	75		15	75
2,3,7,8-TCDD	ng/L	0.03		0.003	0.03
Alpha-chlordane	µg/L	2		0.2	2
Anthracene	µg/L			600	3000
Antimony, dissolved	µg/L	6		1.2	6
Antimony, total	µg/L	6		1.2	6
Aroclor-1016	µg/L	0.5		0.003	0.03
Aroclor-1221	µg/L	0.5		0.003	0.03
Aroclor-1232	µg/L	0.5		0.003	0.03
Aroclor-1242	µg/L	0.5		0.003	0.03
Aroclor-1248	µg/L	0.5		0.003	0.03
Aroclor-1254	µg/L	0.5		0.003	0.03
Aroclor-1260	µg/L	0.5		0.003	0.03
Arsenic, dissolved	µg/L	10		1	10
Arsenic, total	µg/L	10		1	10
Barium, dissolved	µg/L	2000		400	2000
Barium, total	µg/L	2000		400	2000
Bentazon	µg/L			60	300
Benzene	µg/L	5		0.5	5
Benzo(a)pyrene	µg/L	0.2		0.02	0.2
Benzo(b)fluoranthene	µg/L			0.02	0.2
Beryllium, dissolved	µg/L	4		0.4	4
Beryllium, total	µg/L	4		0.4	4
bis(2-ethylhexyl)Phthalate	µg/L	6		0.6	6
Cadmium, dissolved	µg/L	5		0.5	5
Cadmium, total	µg/L	5		0.5	5

**Attachment 2 (continued)  
Groundwater Quality Standards**

<b>Parameter Name</b>	<b>Units</b>	<b>MCL</b>	<b>SMCL</b>	<b>NR PAL</b>	<b>NR ES</b>
Carbon disulfide	µg/L			200	1000
Carbon tetrachloride	µg/L	5		0.5	5
Chlordane, technical	µg/L	2		0.2	2
Chloride	mg/L		250	125	250
Chlorobenzene	µg/L	100		20	100
Chromium, dissolved	µg/L	100		10	100
Chromium, total	µg/L	100		10	100
Chrysene	µg/L			0.02	0.2
cis-1,2-Dichloroethene	µg/L	70		7	70
Cobalt, dissolved	µg/L			8	40
Cobalt, total	µg/L			8	40
Copper, dissolved	µg/L	1300	1000	130	1300
Copper, total	µg/L	1300	1000	130	1300
Cyanazine	µg/L			0.1	1
Cyanide, total	mg/L	0.2		0.04	0.2
Di-n-butylphthalate	µg/L			100	1000
Endrin	µg/L	2		0.4	2
Ethylbenzene	µg/L	700		140	700
Fluoranthene	µg/L			80	400
Gamma-BHC (lindane)	µg/L	0.2		0.02	0.2
Gamma-chlordane	µg/L	2		0.2	2
Heptachlor	µg/L	0.4		0.04	0.4
Heptachlor epoxide	µg/L	0.2		0.02	0.2
Hexachlorobenzene	µg/L	1		0.1	1
Hydrogen sulfide	µg/L			6	30
Iron, dissolved	µg/L		300	150	300
Iron, total	µg/L		300	150	300
Lead, dissolved	µg/L	15		1.5	15
Lead, total	µg/L	15		1.5	15
Manganese, dissolved	µg/L		50	60	300
Manganese, total	µg/L		50	60	300
Mercury, dissolved	µg/L	2		0.2	2
Mercury, total	µg/L	2		0.2	2
Methanol	µg/L			1000	5000
Methoxychlor	µg/L	40		4	40
Methylene chloride	µg/L	5		0.5	5

**Attachment 2 (continued)  
Groundwater Quality Standards**

<b>Parameter Name</b>	<b>Units</b>	<b>MCL</b>	<b>SMCL</b>	<b>NR PAL</b>	<b>NR ES</b>
N-hexane	µg/L			120	600
Nickel, dissolved	µg/L	100		20	100
Nickel, total	µg/L	100		20	100
Nitrogen, ammonia	mg/L			0.97	9.7
N-nitrosodiphenylamine	µg/L			0.7	7
Pentachlorophenol	µg/L	1		0.1	1
Prometon	µg/L			20	100
Pyrene	µg/L			50	250
Pyridine	µg/L			2	10
Selenium, dissolved	µg/L	50		10	50
Selenium, total	µg/L	50		10	50
Silver, dissolved	µg/L		100	10	50
Silver, total	µg/L		100	10	50
Styrene	µg/L	100		10	100
Tetrachloroethene	µg/L	5		0.5	5
Thallium, dissolved	µg/L	2		0.4	2
Thallium, total	µg/L	2		0.4	2
Toluene	µg/L	1000		160	800
Toxaphene	µg/L	3		0.3	3
trans-1,2-Dichloroethene	µg/L	100		20	100
Trichloroethene	µg/L	5		0.5	5
Trimethylbenzenes, total	µg/L			96	480
Vanadium, dissolved	µg/L			6	30
Vanadium, total	µg/L			6	30
Vinyl chloride	µg/L	2		0.02	0.2
Xylenes, total	µg/L	10000		400	2000
Zinc, dissolved	µg/L		5000	2500	5000
Zinc, total	µg/L		5000	2500	5000

Note:  
Table updated February 2021 to reflect January 2020 register (WDNR) and latest USEPA MCLs.



### **Attachment 3**

## **Tabular Summary of Analytical Results at Each Residential Well**

**LEMBERGER LANDFILL  
RESIDENTIAL WELL VOLATILE ORGANIC ANALYSIS RESULTS  
SEPTEMBER/OCTOBER 2021**

PARAMETER	UNITS	GR-08	GR-09	GR-09 DUP	GR-10	GR-11	GR-12	GR-14
		9/29/2021 40234288005	9/29/2021 40234288004	9/29/2021 40234288011	9/29/2021 40234288003	9/29/2021 40234288007	9/29/2021 40234288002	9/29/2021 40234288009
1,1,1-TRICHLOROETHANE	UG/L	< 0.30	< 0.30	< 0.30	< 0.30	< 0.30	< 0.30	< 0.30
1,1,2,2-TETRACHLOROETHANE	UG/L	< 0.38	< 0.38	< 0.38	< 0.38	< 0.38	< 0.38	< 0.38
1,1,2-TRICHLOROETHANE	UG/L	< 0.34	< 0.34	< 0.34	< 0.34	< 0.34	< 0.34	< 0.34
1,1-DICHLOROETHANE	UG/L	< 0.30	< 0.30	< 0.30	< 0.30	< 0.30	< 0.30	< 0.30
1,1-DICHLOROETHENE	UG/L	< 0.58	< 0.58	< 0.58	< 0.58	< 0.58	< 0.58	< 0.58
1,2-DICHLOROETHANE	UG/L	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29
1,2-DICHLOROPROPANE	UG/L	< 0.45	< 0.45	< 0.45	< 0.45	< 0.45	< 0.45	< 0.45
2-BUTANONE	UG/L	< 6.5 uj	< 6.5 uj	< 6.5 uj	< 6.5 uj	< 6.5 uj	< 6.5 uj	< 6.5 uj
2-HEXANONE	UG/L	< 6.3	< 6.3	< 6.3	< 6.3	< 6.3	< 6.3	< 6.3
4-METHYL-2-PENTANONE	UG/L	< 6.0	< 6.0	< 6.0	< 6.0	< 6.0	< 6.0	< 6.0
ACETONE	UG/L	< 8.6 uj	< 8.6 uj	< 8.6 uj	< 8.6 uj	< 8.6 uj	< 8.6 uj	< 8.6 uj
BENZENE	UG/L	< 0.30	< 0.30	< 0.30	< 0.30	< 0.30	< 0.30	< 0.30
BROMODICHLOROMETHANE	UG/L	< 0.42	< 0.42	< 0.42	< 0.42	< 0.42	< 0.42	< 0.42
BROMOFORM	UG/L	< 3.8	< 3.8	< 3.8	< 3.8	< 3.8	< 3.8	< 3.8
BROMOMETHANE	UG/L	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2
CARBON DISULFIDE	UG/L	< 1.1	< 1.1	< 1.1	< 1.1	< 1.1	< 1.1	< 1.1
CARBON TETRACHLORIDE	UG/L	< 0.37	< 0.37	< 0.37	< 0.37	< 0.37	< 0.37	< 0.37
CHLOROBENZENE	UG/L	< 0.86	< 0.86	< 0.86	< 0.86	< 0.86	< 0.86	< 0.86
CHLORODIBROMOMETHANE	UG/L	< 2.6	< 2.6	< 2.6	< 2.6	< 2.6	< 2.6	< 2.6
CHLOROETHANE	UG/L	< 1.4	< 1.4	< 1.4	< 1.4	< 1.4	< 1.4	< 1.4
CHLOROFORM	UG/L	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2
CHLOROMETHANE	UG/L	< 1.6 uj	< 1.6 uj	< 1.6 uj	< 1.6 uj	< 1.6 uj	< 1.6 uj	< 1.6 uj
CIS-1,2-DICHLOROETHENE	UG/L	< 0.47	< 0.47	< 0.47	< 0.47	< 0.47	< 0.47	< 0.47
CIS-1,3-DICHLOROPROPENE	UG/L	< 0.36	< 0.36	< 0.36	< 0.36	< 0.36	< 0.36	< 0.36
ETHYLBENZENE	UG/L	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
METHYLENE CHLORIDE	UG/L	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32
STYRENE	UG/L	< 0.36	< 0.36	< 0.36	< 0.36	< 0.36	< 0.36	< 0.36
TETRACHLOROETHENE	UG/L	< 0.41	< 0.41	< 0.41	< 0.41	< 0.41	< 0.41	< 0.41
TOLUENE	UG/L	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29
TRANS-1,2-DICHLOROETHENE	UG/L	< 0.53	< 0.53	< 0.53	< 0.53	< 0.53	< 0.53	< 0.53
TRANS-1,3-DICHLOROPROPENE	UG/L	< 3.5 uj	< 3.5 uj	< 3.5 uj	< 3.5 uj	< 3.5 uj	< 3.5 uj	< 3.5 uj
TRICHLOROETHENE	UG/L	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32
VINYL CHLORIDE	UG/L	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17
XYLENE, TOTAL	UG/L	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0

**NOTES:**

Laboratory data qualifiers are included in the laboratory reports in Attachment 4. See specific laboratory report for Sample Delivery Group (SDG) definition.

Non-detect results are reported as "< Limit of Detection (LOD)"

Data Validation Qualifiers:

j = the result is estimated

u = data validation rules the result as not detected

**LEMBERGER LANDFILL  
RESIDENTIAL WELL VOLATILE ORGANIC ANALYSIS RESULTS  
SEPTEMBER/OCTOBER 2021**

PARAMETER	UNITS	GR-16	GR-26	GR-26 DUP	GR-30	GR-60R	GR-62	GR-63
		9/29/2021 40234288010	9/30/2021 40234288018	9/30/2021 40234288019	9/30/2021 40234288012	9/29/2021 40234288001	9/30/2021 40234288015	9/30/2021 40234288014
1,1,1-TRICHLOROETHANE	UG/L	< 0.30	< 0.30	< 0.30	0.32 J	< 0.30	< 0.30	< 0.30
1,1,2,2-TETRACHLOROETHANE	UG/L	< 0.38	< 0.38	< 0.38	< 0.38	< 0.38	< 0.38	< 0.38
1,1,2-TRICHLOROETHANE	UG/L	< 0.34	< 0.34	< 0.34	< 0.34	< 0.34	< 0.34	< 0.34
1,1-DICHLOROETHANE	UG/L	< 0.30	< 0.30	< 0.30	< 0.30	< 0.30	< 0.30	< 0.30
1,1-DICHLOROETHENE	UG/L	< 0.58	< 0.58	< 0.58	< 0.58	< 0.58	< 0.58	< 0.58
1,2-DICHLOROETHANE	UG/L	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29
1,2-DICHLOROPROPANE	UG/L	< 0.45	< 0.45	< 0.45	< 0.45	< 0.45	< 0.45	< 0.45
2-BUTANONE	UG/L	< 6.5 uj	< 6.5 uj	< 6.5 uj	< 6.5 uj	< 6.5 uj	< 6.5 uj	< 6.5 uj
2-HEXANONE	UG/L	< 6.3	< 6.3	< 6.3	< 6.3	< 6.3	< 6.3	< 6.3
4-METHYL-2-PENTANONE	UG/L	< 6.0	< 6.0	< 6.0	< 6.0	< 6.0	< 6.0	< 6.0
ACETONE	UG/L	< 8.6 uj	< 8.6 uj	< 8.6 uj	< 8.6 uj	< 8.6 uj	< 8.6 uj	< 8.6 uj
BENZENE	UG/L	< 0.30	< 0.30	< 0.30	< 0.30	< 0.30	< 0.30	< 0.30
BROMODICHLOROMETHANE	UG/L	< 0.42	< 0.42	< 0.42	< 0.42	< 0.42	< 0.42	< 0.42
BROMOFORM	UG/L	< 3.8	< 3.8	< 3.8	< 3.8	< 3.8	< 3.8	< 3.8
BROMOMETHANE	UG/L	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2
CARBON DISULFIDE	UG/L	< 1.1	< 1.1	< 1.1	< 1.1	< 1.1	< 1.1	< 1.1
CARBON TETRACHLORIDE	UG/L	< 0.37	< 0.37	< 0.37	< 0.37	< 0.37	< 0.37	< 0.37
CHLOROBENZENE	UG/L	< 0.86	< 0.86	< 0.86	< 0.86	< 0.86	< 0.86	< 0.86
CHLORODIBROMOMETHANE	UG/L	< 2.6	< 2.6	< 2.6	< 2.6	< 2.6	< 2.6	< 2.6
CHLOROETHANE	UG/L	< 1.4	< 1.4	< 1.4	< 1.4	< 1.4	< 1.4	< 1.4
CHLOROFORM	UG/L	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2
CHLOROMETHANE	UG/L	< 1.6 uj	< 1.6 uj	< 1.6 uj	< 1.6 uj	< 1.6 uj	< 1.6 uj	< 1.6 uj
CIS-1,2-DICHLOROETHENE	UG/L	< 0.47	< 0.47	< 0.47	< 0.47	< 0.47	< 0.47	< 0.47
CIS-1,3-DICHLOROPROPENE	UG/L	< 0.36	< 0.36	< 0.36	< 0.36	< 0.36	< 0.36	< 0.36
ETHYLBENZENE	UG/L	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
METHYLENE CHLORIDE	UG/L	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32
STYRENE	UG/L	< 0.36	< 0.36	< 0.36	< 0.36	< 0.36	< 0.36	< 0.36
TETRACHLOROETHENE	UG/L	< 0.41	< 0.41	< 0.41	< 0.41	< 0.41	< 0.41	< 0.41
TOLUENE	UG/L	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29
TRANS-1,2-DICHLOROETHENE	UG/L	< 0.53	< 0.53	< 0.53	< 0.53	< 0.53	< 0.53	< 0.53
TRANS-1,3-DICHLOROPROPENE	UG/L	< 3.5 uj	< 3.5 uj	< 3.5 uj	< 3.5 uj	< 3.5 uj	< 3.5 uj	< 3.5 uj
TRICHLOROETHENE	UG/L	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32
VINYL CHLORIDE	UG/L	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17
XYLENE, TOTAL	UG/L	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0

**NOTES:**

Laboratory data qualifiers are included in the laboratory reports in Attachment 4. See specific laboratory report for Sample Delivery Group (SDG) definition.

Non-detect results are reported as "< Limit of Detection (LOD)"

Data Validation Qualifiers:

j = the result is estimated

u = data validation rules the result as not detected

**LEMBERGER LANDFILL  
RESIDENTIAL WELL VOLATILE ORGANIC ANALYSIS RESULTS  
SEPTEMBER/OCTOBER 2021**

PARAMETER	UNITS	GR-64	GR-65	GR-66	GR-73	GR-74
		9/30/2021 40234288013	9/29/2021 40234288006	9/29/2021 40234288008	9/30/2021 40234288017	9/30/2021 40234288016
1,1,1-TRICHLOROETHANE	UG/L	< 0.30	< 0.30	< 0.30	< 0.30	< 0.30
1,1,2,2-TETRACHLOROETHANE	UG/L	< 0.38	< 0.38	< 0.38	< 0.38	< 0.38
1,1,2-TRICHLOROETHANE	UG/L	< 0.34	< 0.34	< 0.34	< 0.34	< 0.34
1,1-DICHLOROETHANE	UG/L	< 0.30	< 0.30	< 0.30	< 0.30	< 0.30
1,1-DICHLOROETHENE	UG/L	< 0.58	< 0.58	< 0.58	< 0.58	< 0.58
1,2-DICHLOROETHANE	UG/L	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29
1,2-DICHLOROPROPANE	UG/L	< 0.45	< 0.45	< 0.45	< 0.45	< 0.45
2-BUTANONE	UG/L	< 6.5 uj	< 6.5 uj	< 6.5 uj	< 6.5 uj	< 6.5 uj
2-HEXANONE	UG/L	< 6.3	< 6.3	< 6.3	< 6.3	< 6.3
4-METHYL-2-PENTANONE	UG/L	< 6.0	< 6.0	< 6.0	< 6.0	< 6.0
ACETONE	UG/L	< 8.6 uj	< 8.6 uj	< 8.6 uj	< 8.6 uj	< 8.6 uj
BENZENE	UG/L	< 0.30	< 0.30	< 0.30	< 0.30	< 0.30
BROMODICHLOROMETHANE	UG/L	< 0.42	< 0.42	< 0.42	< 0.42	< 0.42
BROMOFORM	UG/L	< 3.8	< 3.8	< 3.8	< 3.8	< 3.8
BROMOMETHANE	UG/L	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2
CARBON DISULFIDE	UG/L	< 1.1	< 1.1	< 1.1	< 1.1	< 1.1
CARBON TETRACHLORIDE	UG/L	< 0.37	< 0.37	< 0.37	< 0.37	< 0.37
CHLOROBENZENE	UG/L	< 0.86	< 0.86	< 0.86	< 0.86	< 0.86
CHLORODIBROMOMETHANE	UG/L	< 2.6	< 2.6	< 2.6	< 2.6	< 2.6
CHLOROETHANE	UG/L	< 1.4	< 1.4	< 1.4	< 1.4	< 1.4
CHLOROFORM	UG/L	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2
CHLOROMETHANE	UG/L	< 1.6 uj	< 1.6 uj	< 1.6 uj	< 1.6 uj	< 1.6 uj
CIS-1,2-DICHLOROETHENE	UG/L	< 0.47	< 0.47	< 0.47	< 0.47	< 0.47
CIS-1,3-DICHLOROPROPENE	UG/L	< 0.36	< 0.36	< 0.36	< 0.36	< 0.36
ETHYLBENZENE	UG/L	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
METHYLENE CHLORIDE	UG/L	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32
STYRENE	UG/L	< 0.36	< 0.36	< 0.36	< 0.36	< 0.36
TETRACHLOROETHENE	UG/L	< 0.41	< 0.41	< 0.41	< 0.41	< 0.41
TOLUENE	UG/L	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29
TRANS-1,2-DICHLOROETHENE	UG/L	< 0.53	< 0.53	< 0.53	< 0.53	< 0.53
TRANS-1,3-DICHLOROPROPENE	UG/L	< 3.5 uj	< 3.5 uj	< 3.5 uj	< 3.5 uj	< 3.5 uj
TRICHLOROETHENE	UG/L	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32
VINYL CHLORIDE	UG/L	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17
XYLENE, TOTAL	UG/L	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0

**NOTES:**

Laboratory data qualifiers are included in the laboratory reports in Attachment 4. See specific laboratory report for Sample Delivery Group (SDG) definition.

Non-detect results are reported as "< Limit of Detection (LOD)"

Data Validation Qualifiers:

j = the result is estimated

u = data validation rules the result as not detected

**Attachment 4**  
**Original Laboratory Data Sheets for Residential Wells**

### ANALYTICAL RESULTS

Project: 419607.0000 PHASE 4 LEMBERGER

Pace Project No.: 40234288

**Sample: GR-60R**      **Lab ID: 40234288001**      Collected: 09/29/21 07:45      Received: 10/01/21 07:20      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		10/04/21 21:24	71-55-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		10/04/21 21:24	79-34-5	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		10/04/21 21:24	79-00-5	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		10/04/21 21:24	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		10/04/21 21:24	75-35-4	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		10/04/21 21:24	107-06-2	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		10/04/21 21:24	78-87-5	
2-Butanone (MEK)	<6.5	ug/L	25.0	6.5	1		10/04/21 21:24	78-93-3	
2-Hexanone	<6.3	ug/L	25.0	6.3	1		10/04/21 21:24	591-78-6	
4-Methyl-2-pentanone (MIBK)	<6.0	ug/L	25.0	6.0	1		10/04/21 21:24	108-10-1	
Acetone	<8.6	ug/L	25.0	8.6	1		10/04/21 21:24	67-64-1	
Benzene	<0.30	ug/L	1.0	0.30	1		10/04/21 21:24	71-43-2	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		10/04/21 21:24	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		10/04/21 21:24	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		10/04/21 21:24	74-83-9	
Carbon disulfide	<1.1	ug/L	5.0	1.1	1		10/04/21 21:24	75-15-0	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		10/04/21 21:24	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		10/04/21 21:24	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		10/04/21 21:24	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		10/04/21 21:24	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		10/04/21 21:24	74-87-3	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		10/04/21 21:24	124-48-1	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		10/04/21 21:24	100-41-4	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		10/04/21 21:24	75-09-2	
Styrene	<0.36	ug/L	1.0	0.36	1		10/04/21 21:24	100-42-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		10/04/21 21:24	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		10/04/21 21:24	108-88-3	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		10/04/21 21:24	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		10/04/21 21:24	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		10/04/21 21:24	1330-20-7	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		10/04/21 21:24	156-59-2	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		10/04/21 21:24	10061-01-5	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		10/04/21 21:24	156-60-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		10/04/21 21:24	10061-02-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	81	%	70-130		1		10/04/21 21:24	460-00-4	
1,2-Dichlorobenzene-d4 (S)	105	%	70-130		1		10/04/21 21:24	2199-69-1	
Toluene-d8 (S)	93	%	70-130		1		10/04/21 21:24	2037-26-5	

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### ANALYTICAL RESULTS

Project: 419607.0000 PHASE 4 LEMBERGER

Pace Project No.: 40234288

**Sample: GR-12**      **Lab ID: 40234288002**      Collected: 09/29/21 09:40      Received: 10/01/21 07:20      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		10/04/21 22:57	71-55-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		10/04/21 22:57	79-34-5	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		10/04/21 22:57	79-00-5	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		10/04/21 22:57	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		10/04/21 22:57	75-35-4	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		10/04/21 22:57	107-06-2	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		10/04/21 22:57	78-87-5	
2-Butanone (MEK)	<6.5	ug/L	25.0	6.5	1		10/04/21 22:57	78-93-3	
2-Hexanone	<6.3	ug/L	25.0	6.3	1		10/04/21 22:57	591-78-6	
4-Methyl-2-pentanone (MIBK)	<6.0	ug/L	25.0	6.0	1		10/04/21 22:57	108-10-1	
Acetone	<8.6	ug/L	25.0	8.6	1		10/04/21 22:57	67-64-1	
Benzene	<0.30	ug/L	1.0	0.30	1		10/04/21 22:57	71-43-2	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		10/04/21 22:57	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		10/04/21 22:57	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		10/04/21 22:57	74-83-9	
Carbon disulfide	<1.1	ug/L	5.0	1.1	1		10/04/21 22:57	75-15-0	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		10/04/21 22:57	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		10/04/21 22:57	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		10/04/21 22:57	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		10/04/21 22:57	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		10/04/21 22:57	74-87-3	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		10/04/21 22:57	124-48-1	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		10/04/21 22:57	100-41-4	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		10/04/21 22:57	75-09-2	
Styrene	<0.36	ug/L	1.0	0.36	1		10/04/21 22:57	100-42-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		10/04/21 22:57	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		10/04/21 22:57	108-88-3	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		10/04/21 22:57	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		10/04/21 22:57	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		10/04/21 22:57	1330-20-7	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		10/04/21 22:57	156-59-2	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		10/04/21 22:57	10061-01-5	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		10/04/21 22:57	156-60-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		10/04/21 22:57	10061-02-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	83	%	70-130		1		10/04/21 22:57	460-00-4	
1,2-Dichlorobenzene-d4 (S)	104	%	70-130		1		10/04/21 22:57	2199-69-1	
Toluene-d8 (S)	93	%	70-130		1		10/04/21 22:57	2037-26-5	

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## ANALYTICAL RESULTS

Project: 419607.0000 PHASE 4 LEMBERGER

Pace Project No.: 40234288

**Sample: GR-10**      **Lab ID: 40234288003**      Collected: 09/29/21 10:15      Received: 10/01/21 07:20      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		10/04/21 17:39	71-55-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		10/04/21 17:39	79-34-5	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		10/04/21 17:39	79-00-5	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		10/04/21 17:39	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		10/04/21 17:39	75-35-4	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		10/04/21 17:39	107-06-2	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		10/04/21 17:39	78-87-5	
2-Butanone (MEK)	<6.5	ug/L	25.0	6.5	1		10/04/21 17:39	78-93-3	
2-Hexanone	<6.3	ug/L	25.0	6.3	1		10/04/21 17:39	591-78-6	
4-Methyl-2-pentanone (MIBK)	<6.0	ug/L	25.0	6.0	1		10/04/21 17:39	108-10-1	
Acetone	<8.6	ug/L	25.0	8.6	1		10/04/21 17:39	67-64-1	
Benzene	<0.30	ug/L	1.0	0.30	1		10/04/21 17:39	71-43-2	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		10/04/21 17:39	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		10/04/21 17:39	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		10/04/21 17:39	74-83-9	
Carbon disulfide	<1.1	ug/L	5.0	1.1	1		10/04/21 17:39	75-15-0	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		10/04/21 17:39	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		10/04/21 17:39	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		10/04/21 17:39	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		10/04/21 17:39	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		10/04/21 17:39	74-87-3	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		10/04/21 17:39	124-48-1	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		10/04/21 17:39	100-41-4	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		10/04/21 17:39	75-09-2	
Styrene	<0.36	ug/L	1.0	0.36	1		10/04/21 17:39	100-42-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		10/04/21 17:39	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		10/04/21 17:39	108-88-3	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		10/04/21 17:39	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		10/04/21 17:39	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		10/04/21 17:39	1330-20-7	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		10/04/21 17:39	156-59-2	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		10/04/21 17:39	10061-01-5	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		10/04/21 17:39	156-60-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		10/04/21 17:39	10061-02-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	82	%	70-130		1		10/04/21 17:39	460-00-4	
1,2-Dichlorobenzene-d4 (S)	105	%	70-130		1		10/04/21 17:39	2199-69-1	
Toluene-d8 (S)	91	%	70-130		1		10/04/21 17:39	2037-26-5	

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### ANALYTICAL RESULTS

Project: 419607.0000 PHASE 4 LEMBERGER

Pace Project No.: 40234288

**Sample: GR-09**      **Lab ID: 40234288004**      Collected: 09/29/21 10:54      Received: 10/01/21 07:20      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		10/04/21 17:58	71-55-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		10/04/21 17:58	79-34-5	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		10/04/21 17:58	79-00-5	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		10/04/21 17:58	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		10/04/21 17:58	75-35-4	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		10/04/21 17:58	107-06-2	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		10/04/21 17:58	78-87-5	
2-Butanone (MEK)	<6.5	ug/L	25.0	6.5	1		10/04/21 17:58	78-93-3	
2-Hexanone	<6.3	ug/L	25.0	6.3	1		10/04/21 17:58	591-78-6	
4-Methyl-2-pentanone (MIBK)	<6.0	ug/L	25.0	6.0	1		10/04/21 17:58	108-10-1	
Acetone	<8.6	ug/L	25.0	8.6	1		10/04/21 17:58	67-64-1	
Benzene	<0.30	ug/L	1.0	0.30	1		10/04/21 17:58	71-43-2	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		10/04/21 17:58	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		10/04/21 17:58	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		10/04/21 17:58	74-83-9	
Carbon disulfide	<1.1	ug/L	5.0	1.1	1		10/04/21 17:58	75-15-0	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		10/04/21 17:58	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		10/04/21 17:58	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		10/04/21 17:58	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		10/04/21 17:58	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		10/04/21 17:58	74-87-3	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		10/04/21 17:58	124-48-1	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		10/04/21 17:58	100-41-4	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		10/04/21 17:58	75-09-2	
Styrene	<0.36	ug/L	1.0	0.36	1		10/04/21 17:58	100-42-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		10/04/21 17:58	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		10/04/21 17:58	108-88-3	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		10/04/21 17:58	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		10/04/21 17:58	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		10/04/21 17:58	1330-20-7	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		10/04/21 17:58	156-59-2	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		10/04/21 17:58	10061-01-5	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		10/04/21 17:58	156-60-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		10/04/21 17:58	10061-02-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	82	%	70-130		1		10/04/21 17:58	460-00-4	
1,2-Dichlorobenzene-d4 (S)	104	%	70-130		1		10/04/21 17:58	2199-69-1	
Toluene-d8 (S)	92	%	70-130		1		10/04/21 17:58	2037-26-5	

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### ANALYTICAL RESULTS

Project: 419607.0000 PHASE 4 LEMBERGER

Pace Project No.: 40234288

**Sample: GR-08**      **Lab ID: 40234288005**      Collected: 09/29/21 11:39      Received: 10/01/21 07:20      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		10/04/21 18:16	71-55-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		10/04/21 18:16	79-34-5	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		10/04/21 18:16	79-00-5	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		10/04/21 18:16	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		10/04/21 18:16	75-35-4	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		10/04/21 18:16	107-06-2	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		10/04/21 18:16	78-87-5	
2-Butanone (MEK)	<6.5	ug/L	25.0	6.5	1		10/04/21 18:16	78-93-3	
2-Hexanone	<6.3	ug/L	25.0	6.3	1		10/04/21 18:16	591-78-6	
4-Methyl-2-pentanone (MIBK)	<6.0	ug/L	25.0	6.0	1		10/04/21 18:16	108-10-1	
Acetone	<8.6	ug/L	25.0	8.6	1		10/04/21 18:16	67-64-1	
Benzene	<0.30	ug/L	1.0	0.30	1		10/04/21 18:16	71-43-2	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		10/04/21 18:16	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		10/04/21 18:16	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		10/04/21 18:16	74-83-9	
Carbon disulfide	<1.1	ug/L	5.0	1.1	1		10/04/21 18:16	75-15-0	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		10/04/21 18:16	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		10/04/21 18:16	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		10/04/21 18:16	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		10/04/21 18:16	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		10/04/21 18:16	74-87-3	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		10/04/21 18:16	124-48-1	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		10/04/21 18:16	100-41-4	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		10/04/21 18:16	75-09-2	
Styrene	<0.36	ug/L	1.0	0.36	1		10/04/21 18:16	100-42-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		10/04/21 18:16	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		10/04/21 18:16	108-88-3	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		10/04/21 18:16	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		10/04/21 18:16	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		10/04/21 18:16	1330-20-7	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		10/04/21 18:16	156-59-2	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		10/04/21 18:16	10061-01-5	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		10/04/21 18:16	156-60-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		10/04/21 18:16	10061-02-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	81	%	70-130		1		10/04/21 18:16	460-00-4	
1,2-Dichlorobenzene-d4 (S)	104	%	70-130		1		10/04/21 18:16	2199-69-1	
Toluene-d8 (S)	91	%	70-130		1		10/04/21 18:16	2037-26-5	

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### ANALYTICAL RESULTS

Project: 419607.0000 PHASE 4 LEMBERGER

Pace Project No.: 40234288

**Sample: GR-65**      **Lab ID: 40234288006**      Collected: 09/29/21 13:33      Received: 10/01/21 07:20      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		10/04/21 18:35	71-55-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		10/04/21 18:35	79-34-5	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		10/04/21 18:35	79-00-5	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		10/04/21 18:35	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		10/04/21 18:35	75-35-4	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		10/04/21 18:35	107-06-2	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		10/04/21 18:35	78-87-5	
2-Butanone (MEK)	<6.5	ug/L	25.0	6.5	1		10/04/21 18:35	78-93-3	
2-Hexanone	<6.3	ug/L	25.0	6.3	1		10/04/21 18:35	591-78-6	
4-Methyl-2-pentanone (MIBK)	<6.0	ug/L	25.0	6.0	1		10/04/21 18:35	108-10-1	
Acetone	<8.6	ug/L	25.0	8.6	1		10/04/21 18:35	67-64-1	
Benzene	<0.30	ug/L	1.0	0.30	1		10/04/21 18:35	71-43-2	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		10/04/21 18:35	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		10/04/21 18:35	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		10/04/21 18:35	74-83-9	
Carbon disulfide	<1.1	ug/L	5.0	1.1	1		10/04/21 18:35	75-15-0	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		10/04/21 18:35	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		10/04/21 18:35	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		10/04/21 18:35	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		10/04/21 18:35	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		10/04/21 18:35	74-87-3	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		10/04/21 18:35	124-48-1	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		10/04/21 18:35	100-41-4	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		10/04/21 18:35	75-09-2	
Styrene	<0.36	ug/L	1.0	0.36	1		10/04/21 18:35	100-42-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		10/04/21 18:35	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		10/04/21 18:35	108-88-3	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		10/04/21 18:35	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		10/04/21 18:35	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		10/04/21 18:35	1330-20-7	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		10/04/21 18:35	156-59-2	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		10/04/21 18:35	10061-01-5	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		10/04/21 18:35	156-60-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		10/04/21 18:35	10061-02-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	84	%	70-130		1		10/04/21 18:35	460-00-4	
1,2-Dichlorobenzene-d4 (S)	107	%	70-130		1		10/04/21 18:35	2199-69-1	
Toluene-d8 (S)	92	%	70-130		1		10/04/21 18:35	2037-26-5	

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### ANALYTICAL RESULTS

Project: 419607.0000 PHASE 4 LEMBERGER

Pace Project No.: 40234288

**Sample: GR-11**      **Lab ID: 40234288007**      Collected: 09/29/21 14:19      Received: 10/01/21 07:20      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		10/04/21 18:54	71-55-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		10/04/21 18:54	79-34-5	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		10/04/21 18:54	79-00-5	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		10/04/21 18:54	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		10/04/21 18:54	75-35-4	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		10/04/21 18:54	107-06-2	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		10/04/21 18:54	78-87-5	
2-Butanone (MEK)	<6.5	ug/L	25.0	6.5	1		10/04/21 18:54	78-93-3	
2-Hexanone	<6.3	ug/L	25.0	6.3	1		10/04/21 18:54	591-78-6	
4-Methyl-2-pentanone (MIBK)	<6.0	ug/L	25.0	6.0	1		10/04/21 18:54	108-10-1	
Acetone	<8.6	ug/L	25.0	8.6	1		10/04/21 18:54	67-64-1	
Benzene	<0.30	ug/L	1.0	0.30	1		10/04/21 18:54	71-43-2	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		10/04/21 18:54	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		10/04/21 18:54	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		10/04/21 18:54	74-83-9	
Carbon disulfide	<1.1	ug/L	5.0	1.1	1		10/04/21 18:54	75-15-0	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		10/04/21 18:54	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		10/04/21 18:54	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		10/04/21 18:54	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		10/04/21 18:54	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		10/04/21 18:54	74-87-3	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		10/04/21 18:54	124-48-1	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		10/04/21 18:54	100-41-4	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		10/04/21 18:54	75-09-2	
Styrene	<0.36	ug/L	1.0	0.36	1		10/04/21 18:54	100-42-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		10/04/21 18:54	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		10/04/21 18:54	108-88-3	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		10/04/21 18:54	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		10/04/21 18:54	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		10/04/21 18:54	1330-20-7	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		10/04/21 18:54	156-59-2	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		10/04/21 18:54	10061-01-5	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		10/04/21 18:54	156-60-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		10/04/21 18:54	10061-02-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	81	%	70-130		1		10/04/21 18:54	460-00-4	
1,2-Dichlorobenzene-d4 (S)	106	%	70-130		1		10/04/21 18:54	2199-69-1	
Toluene-d8 (S)	93	%	70-130		1		10/04/21 18:54	2037-26-5	

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### ANALYTICAL RESULTS

Project: 419607.0000 PHASE 4 LEMBERGER

Pace Project No.: 40234288

**Sample: GR-66**      **Lab ID: 40234288008**      Collected: 09/29/21 17:20      Received: 10/01/21 07:20      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		10/04/21 19:13	71-55-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		10/04/21 19:13	79-34-5	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		10/04/21 19:13	79-00-5	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		10/04/21 19:13	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		10/04/21 19:13	75-35-4	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		10/04/21 19:13	107-06-2	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		10/04/21 19:13	78-87-5	
2-Butanone (MEK)	<6.5	ug/L	25.0	6.5	1		10/04/21 19:13	78-93-3	
2-Hexanone	<6.3	ug/L	25.0	6.3	1		10/04/21 19:13	591-78-6	
4-Methyl-2-pentanone (MIBK)	<6.0	ug/L	25.0	6.0	1		10/04/21 19:13	108-10-1	
Acetone	<8.6	ug/L	25.0	8.6	1		10/04/21 19:13	67-64-1	
Benzene	<0.30	ug/L	1.0	0.30	1		10/04/21 19:13	71-43-2	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		10/04/21 19:13	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		10/04/21 19:13	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		10/04/21 19:13	74-83-9	
Carbon disulfide	<1.1	ug/L	5.0	1.1	1		10/04/21 19:13	75-15-0	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		10/04/21 19:13	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		10/04/21 19:13	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		10/04/21 19:13	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		10/04/21 19:13	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		10/04/21 19:13	74-87-3	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		10/04/21 19:13	124-48-1	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		10/04/21 19:13	100-41-4	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		10/04/21 19:13	75-09-2	
Styrene	<0.36	ug/L	1.0	0.36	1		10/04/21 19:13	100-42-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		10/04/21 19:13	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		10/04/21 19:13	108-88-3	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		10/04/21 19:13	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		10/04/21 19:13	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		10/04/21 19:13	1330-20-7	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		10/04/21 19:13	156-59-2	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		10/04/21 19:13	10061-01-5	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		10/04/21 19:13	156-60-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		10/04/21 19:13	10061-02-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	82	%	70-130		1		10/04/21 19:13	460-00-4	
1,2-Dichlorobenzene-d4 (S)	108	%	70-130		1		10/04/21 19:13	2199-69-1	
Toluene-d8 (S)	93	%	70-130		1		10/04/21 19:13	2037-26-5	

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### ANALYTICAL RESULTS

Project: 419607.0000 PHASE 4 LEMBERGER

Pace Project No.: 40234288

**Sample: GR-14**      **Lab ID: 40234288009**      Collected: 09/29/21 18:40      Received: 10/01/21 07:20      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		10/04/21 19:31	71-55-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		10/04/21 19:31	79-34-5	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		10/04/21 19:31	79-00-5	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		10/04/21 19:31	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		10/04/21 19:31	75-35-4	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		10/04/21 19:31	107-06-2	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		10/04/21 19:31	78-87-5	
2-Butanone (MEK)	<6.5	ug/L	25.0	6.5	1		10/04/21 19:31	78-93-3	
2-Hexanone	<6.3	ug/L	25.0	6.3	1		10/04/21 19:31	591-78-6	
4-Methyl-2-pentanone (MIBK)	<6.0	ug/L	25.0	6.0	1		10/04/21 19:31	108-10-1	
Acetone	<8.6	ug/L	25.0	8.6	1		10/04/21 19:31	67-64-1	
Benzene	<0.30	ug/L	1.0	0.30	1		10/04/21 19:31	71-43-2	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		10/04/21 19:31	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		10/04/21 19:31	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		10/04/21 19:31	74-83-9	
Carbon disulfide	<1.1	ug/L	5.0	1.1	1		10/04/21 19:31	75-15-0	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		10/04/21 19:31	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		10/04/21 19:31	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		10/04/21 19:31	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		10/04/21 19:31	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		10/04/21 19:31	74-87-3	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		10/04/21 19:31	124-48-1	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		10/04/21 19:31	100-41-4	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		10/04/21 19:31	75-09-2	
Styrene	<0.36	ug/L	1.0	0.36	1		10/04/21 19:31	100-42-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		10/04/21 19:31	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		10/04/21 19:31	108-88-3	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		10/04/21 19:31	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		10/04/21 19:31	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		10/04/21 19:31	1330-20-7	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		10/04/21 19:31	156-59-2	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		10/04/21 19:31	10061-01-5	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		10/04/21 19:31	156-60-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		10/04/21 19:31	10061-02-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	82	%	70-130		1		10/04/21 19:31	460-00-4	
1,2-Dichlorobenzene-d4 (S)	106	%	70-130		1		10/04/21 19:31	2199-69-1	
Toluene-d8 (S)	92	%	70-130		1		10/04/21 19:31	2037-26-5	

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### ANALYTICAL RESULTS

Project: 419607.0000 PHASE 4 LEMBERGER

Pace Project No.: 40234288

**Sample: GR-16**      **Lab ID: 40234288010**      Collected: 09/29/21 19:28      Received: 10/01/21 07:20      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		10/04/21 19:50	71-55-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		10/04/21 19:50	79-34-5	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		10/04/21 19:50	79-00-5	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		10/04/21 19:50	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		10/04/21 19:50	75-35-4	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		10/04/21 19:50	107-06-2	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		10/04/21 19:50	78-87-5	
2-Butanone (MEK)	<6.5	ug/L	25.0	6.5	1		10/04/21 19:50	78-93-3	
2-Hexanone	<6.3	ug/L	25.0	6.3	1		10/04/21 19:50	591-78-6	
4-Methyl-2-pentanone (MIBK)	<6.0	ug/L	25.0	6.0	1		10/04/21 19:50	108-10-1	
Acetone	<8.6	ug/L	25.0	8.6	1		10/04/21 19:50	67-64-1	
Benzene	<0.30	ug/L	1.0	0.30	1		10/04/21 19:50	71-43-2	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		10/04/21 19:50	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		10/04/21 19:50	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		10/04/21 19:50	74-83-9	
Carbon disulfide	<1.1	ug/L	5.0	1.1	1		10/04/21 19:50	75-15-0	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		10/04/21 19:50	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		10/04/21 19:50	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		10/04/21 19:50	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		10/04/21 19:50	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		10/04/21 19:50	74-87-3	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		10/04/21 19:50	124-48-1	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		10/04/21 19:50	100-41-4	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		10/04/21 19:50	75-09-2	
Styrene	<0.36	ug/L	1.0	0.36	1		10/04/21 19:50	100-42-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		10/04/21 19:50	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		10/04/21 19:50	108-88-3	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		10/04/21 19:50	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		10/04/21 19:50	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		10/04/21 19:50	1330-20-7	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		10/04/21 19:50	156-59-2	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		10/04/21 19:50	10061-01-5	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		10/04/21 19:50	156-60-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		10/04/21 19:50	10061-02-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	84	%	70-130		1		10/04/21 19:50	460-00-4	
1,2-Dichlorobenzene-d4 (S)	106	%	70-130		1		10/04/21 19:50	2199-69-1	
Toluene-d8 (S)	93	%	70-130		1		10/04/21 19:50	2037-26-5	

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### ANALYTICAL RESULTS

Project: 419607.0000 PHASE 4 LEMBERGER

Pace Project No.: 40234288

**Sample: GR-FDUP-001**      **Lab ID: 40234288011**      Collected: 09/29/21 00:00      Received: 10/01/21 07:20      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		10/04/21 20:09	71-55-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		10/04/21 20:09	79-34-5	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		10/04/21 20:09	79-00-5	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		10/04/21 20:09	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		10/04/21 20:09	75-35-4	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		10/04/21 20:09	107-06-2	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		10/04/21 20:09	78-87-5	
2-Butanone (MEK)	<6.5	ug/L	25.0	6.5	1		10/04/21 20:09	78-93-3	
2-Hexanone	<6.3	ug/L	25.0	6.3	1		10/04/21 20:09	591-78-6	
4-Methyl-2-pentanone (MIBK)	<6.0	ug/L	25.0	6.0	1		10/04/21 20:09	108-10-1	
Acetone	<8.6	ug/L	25.0	8.6	1		10/04/21 20:09	67-64-1	
Benzene	<0.30	ug/L	1.0	0.30	1		10/04/21 20:09	71-43-2	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		10/04/21 20:09	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		10/04/21 20:09	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		10/04/21 20:09	74-83-9	
Carbon disulfide	<1.1	ug/L	5.0	1.1	1		10/04/21 20:09	75-15-0	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		10/04/21 20:09	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		10/04/21 20:09	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		10/04/21 20:09	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		10/04/21 20:09	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		10/04/21 20:09	74-87-3	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		10/04/21 20:09	124-48-1	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		10/04/21 20:09	100-41-4	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		10/04/21 20:09	75-09-2	
Styrene	<0.36	ug/L	1.0	0.36	1		10/04/21 20:09	100-42-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		10/04/21 20:09	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		10/04/21 20:09	108-88-3	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		10/04/21 20:09	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		10/04/21 20:09	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		10/04/21 20:09	1330-20-7	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		10/04/21 20:09	156-59-2	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		10/04/21 20:09	10061-01-5	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		10/04/21 20:09	156-60-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		10/04/21 20:09	10061-02-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	84	%	70-130		1		10/04/21 20:09	460-00-4	
1,2-Dichlorobenzene-d4 (S)	108	%	70-130		1		10/04/21 20:09	2199-69-1	
Toluene-d8 (S)	90	%	70-130		1		10/04/21 20:09	2037-26-5	

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### ANALYTICAL RESULTS

Project: 419607.0000 PHASE 4 LEMBERGER

Pace Project No.: 40234288

**Sample: GR-30**      **Lab ID: 40234288012**      Collected: 09/30/21 10:44      Received: 10/01/21 07:20      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1-Trichloroethane	0.32J	ug/L	1.0	0.30	1		10/04/21 20:28	71-55-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		10/04/21 20:28	79-34-5	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		10/04/21 20:28	79-00-5	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		10/04/21 20:28	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		10/04/21 20:28	75-35-4	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		10/04/21 20:28	107-06-2	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		10/04/21 20:28	78-87-5	
2-Butanone (MEK)	<6.5	ug/L	25.0	6.5	1		10/04/21 20:28	78-93-3	
2-Hexanone	<6.3	ug/L	25.0	6.3	1		10/04/21 20:28	591-78-6	
4-Methyl-2-pentanone (MIBK)	<6.0	ug/L	25.0	6.0	1		10/04/21 20:28	108-10-1	
Acetone	<8.6	ug/L	25.0	8.6	1		10/04/21 20:28	67-64-1	
Benzene	<0.30	ug/L	1.0	0.30	1		10/04/21 20:28	71-43-2	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		10/04/21 20:28	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		10/04/21 20:28	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		10/04/21 20:28	74-83-9	
Carbon disulfide	<1.1	ug/L	5.0	1.1	1		10/04/21 20:28	75-15-0	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		10/04/21 20:28	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		10/04/21 20:28	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		10/04/21 20:28	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		10/04/21 20:28	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		10/04/21 20:28	74-87-3	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		10/04/21 20:28	124-48-1	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		10/04/21 20:28	100-41-4	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		10/04/21 20:28	75-09-2	
Styrene	<0.36	ug/L	1.0	0.36	1		10/04/21 20:28	100-42-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		10/04/21 20:28	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		10/04/21 20:28	108-88-3	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		10/04/21 20:28	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		10/04/21 20:28	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		10/04/21 20:28	1330-20-7	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		10/04/21 20:28	156-59-2	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		10/04/21 20:28	10061-01-5	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		10/04/21 20:28	156-60-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		10/04/21 20:28	10061-02-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	83	%	70-130		1		10/04/21 20:28	460-00-4	
1,2-Dichlorobenzene-d4 (S)	103	%	70-130		1		10/04/21 20:28	2199-69-1	
Toluene-d8 (S)	92	%	70-130		1		10/04/21 20:28	2037-26-5	

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### ANALYTICAL RESULTS

Project: 419607.0000 PHASE 4 LEMBERGER

Pace Project No.: 40234288

**Sample: GR-64**      **Lab ID: 40234288013**      Collected: 09/30/21 11:30      Received: 10/01/21 07:20      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		10/04/21 20:46	71-55-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		10/04/21 20:46	79-34-5	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		10/04/21 20:46	79-00-5	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		10/04/21 20:46	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		10/04/21 20:46	75-35-4	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		10/04/21 20:46	107-06-2	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		10/04/21 20:46	78-87-5	
2-Butanone (MEK)	<6.5	ug/L	25.0	6.5	1		10/04/21 20:46	78-93-3	
2-Hexanone	<6.3	ug/L	25.0	6.3	1		10/04/21 20:46	591-78-6	
4-Methyl-2-pentanone (MIBK)	<6.0	ug/L	25.0	6.0	1		10/04/21 20:46	108-10-1	
Acetone	<8.6	ug/L	25.0	8.6	1		10/04/21 20:46	67-64-1	
Benzene	<0.30	ug/L	1.0	0.30	1		10/04/21 20:46	71-43-2	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		10/04/21 20:46	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		10/04/21 20:46	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		10/04/21 20:46	74-83-9	
Carbon disulfide	<1.1	ug/L	5.0	1.1	1		10/04/21 20:46	75-15-0	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		10/04/21 20:46	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		10/04/21 20:46	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		10/04/21 20:46	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		10/04/21 20:46	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		10/04/21 20:46	74-87-3	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		10/04/21 20:46	124-48-1	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		10/04/21 20:46	100-41-4	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		10/04/21 20:46	75-09-2	
Styrene	<0.36	ug/L	1.0	0.36	1		10/04/21 20:46	100-42-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		10/04/21 20:46	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		10/04/21 20:46	108-88-3	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		10/04/21 20:46	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		10/04/21 20:46	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		10/04/21 20:46	1330-20-7	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		10/04/21 20:46	156-59-2	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		10/04/21 20:46	10061-01-5	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		10/04/21 20:46	156-60-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		10/04/21 20:46	10061-02-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	85	%	70-130		1		10/04/21 20:46	460-00-4	
1,2-Dichlorobenzene-d4 (S)	108	%	70-130		1		10/04/21 20:46	2199-69-1	
Toluene-d8 (S)	91	%	70-130		1		10/04/21 20:46	2037-26-5	

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### ANALYTICAL RESULTS

Project: 419607.0000 PHASE 4 LEMBERGER

Pace Project No.: 40234288

**Sample: GR-63**      **Lab ID: 40234288014**      Collected: 09/30/21 11:58      Received: 10/01/21 07:20      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		10/04/21 21:05	71-55-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		10/04/21 21:05	79-34-5	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		10/04/21 21:05	79-00-5	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		10/04/21 21:05	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		10/04/21 21:05	75-35-4	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		10/04/21 21:05	107-06-2	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		10/04/21 21:05	78-87-5	
2-Butanone (MEK)	<6.5	ug/L	25.0	6.5	1		10/04/21 21:05	78-93-3	
2-Hexanone	<6.3	ug/L	25.0	6.3	1		10/04/21 21:05	591-78-6	
4-Methyl-2-pentanone (MIBK)	<6.0	ug/L	25.0	6.0	1		10/04/21 21:05	108-10-1	
Acetone	<8.6	ug/L	25.0	8.6	1		10/04/21 21:05	67-64-1	
Benzene	<0.30	ug/L	1.0	0.30	1		10/04/21 21:05	71-43-2	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		10/04/21 21:05	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		10/04/21 21:05	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		10/04/21 21:05	74-83-9	
Carbon disulfide	<1.1	ug/L	5.0	1.1	1		10/04/21 21:05	75-15-0	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		10/04/21 21:05	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		10/04/21 21:05	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		10/04/21 21:05	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		10/04/21 21:05	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		10/04/21 21:05	74-87-3	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		10/04/21 21:05	124-48-1	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		10/04/21 21:05	100-41-4	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		10/04/21 21:05	75-09-2	
Styrene	<0.36	ug/L	1.0	0.36	1		10/04/21 21:05	100-42-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		10/04/21 21:05	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		10/04/21 21:05	108-88-3	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		10/04/21 21:05	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		10/04/21 21:05	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		10/04/21 21:05	1330-20-7	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		10/04/21 21:05	156-59-2	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		10/04/21 21:05	10061-01-5	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		10/04/21 21:05	156-60-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		10/04/21 21:05	10061-02-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	84	%	70-130		1		10/04/21 21:05	460-00-4	
1,2-Dichlorobenzene-d4 (S)	104	%	70-130		1		10/04/21 21:05	2199-69-1	
Toluene-d8 (S)	93	%	70-130		1		10/04/21 21:05	2037-26-5	

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### ANALYTICAL RESULTS

Project: 419607.0000 PHASE 4 LEMBERGER

Pace Project No.: 40234288

**Sample: GR-62**      **Lab ID: 40234288015**      Collected: 09/30/21 12:50      Received: 10/01/21 07:20      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		10/04/21 17:20	71-55-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		10/04/21 17:20	79-34-5	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		10/04/21 17:20	79-00-5	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		10/04/21 17:20	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		10/04/21 17:20	75-35-4	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		10/04/21 17:20	107-06-2	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		10/04/21 17:20	78-87-5	
2-Butanone (MEK)	<6.5	ug/L	25.0	6.5	1		10/04/21 17:20	78-93-3	
2-Hexanone	<6.3	ug/L	25.0	6.3	1		10/04/21 17:20	591-78-6	
4-Methyl-2-pentanone (MIBK)	<6.0	ug/L	25.0	6.0	1		10/04/21 17:20	108-10-1	
Acetone	<8.6	ug/L	25.0	8.6	1		10/04/21 17:20	67-64-1	
Benzene	<0.30	ug/L	1.0	0.30	1		10/04/21 17:20	71-43-2	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		10/04/21 17:20	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		10/04/21 17:20	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		10/04/21 17:20	74-83-9	
Carbon disulfide	<1.1	ug/L	5.0	1.1	1		10/04/21 17:20	75-15-0	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		10/04/21 17:20	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		10/04/21 17:20	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		10/04/21 17:20	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		10/04/21 17:20	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		10/04/21 17:20	74-87-3	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		10/04/21 17:20	124-48-1	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		10/04/21 17:20	100-41-4	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		10/04/21 17:20	75-09-2	
Styrene	<0.36	ug/L	1.0	0.36	1		10/04/21 17:20	100-42-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		10/04/21 17:20	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		10/04/21 17:20	108-88-3	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		10/04/21 17:20	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		10/04/21 17:20	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		10/04/21 17:20	1330-20-7	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		10/04/21 17:20	156-59-2	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		10/04/21 17:20	10061-01-5	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		10/04/21 17:20	156-60-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		10/04/21 17:20	10061-02-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	81	%	70-130		1		10/04/21 17:20	460-00-4	
1,2-Dichlorobenzene-d4 (S)	106	%	70-130		1		10/04/21 17:20	2199-69-1	
Toluene-d8 (S)	91	%	70-130		1		10/04/21 17:20	2037-26-5	

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### ANALYTICAL RESULTS

Project: 419607.0000 PHASE 4 LEMBERGER

Pace Project No.: 40234288

**Sample: GR-74**      **Lab ID: 40234288016**      Collected: 09/30/21 14:14      Received: 10/01/21 07:20      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		10/04/21 21:43	71-55-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		10/04/21 21:43	79-34-5	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		10/04/21 21:43	79-00-5	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		10/04/21 21:43	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		10/04/21 21:43	75-35-4	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		10/04/21 21:43	107-06-2	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		10/04/21 21:43	78-87-5	
2-Butanone (MEK)	<6.5	ug/L	25.0	6.5	1		10/04/21 21:43	78-93-3	
2-Hexanone	<6.3	ug/L	25.0	6.3	1		10/04/21 21:43	591-78-6	
4-Methyl-2-pentanone (MIBK)	<6.0	ug/L	25.0	6.0	1		10/04/21 21:43	108-10-1	
Acetone	<8.6	ug/L	25.0	8.6	1		10/04/21 21:43	67-64-1	
Benzene	<0.30	ug/L	1.0	0.30	1		10/04/21 21:43	71-43-2	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		10/04/21 21:43	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		10/04/21 21:43	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		10/04/21 21:43	74-83-9	
Carbon disulfide	<1.1	ug/L	5.0	1.1	1		10/04/21 21:43	75-15-0	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		10/04/21 21:43	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		10/04/21 21:43	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		10/04/21 21:43	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		10/04/21 21:43	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		10/04/21 21:43	74-87-3	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		10/04/21 21:43	124-48-1	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		10/04/21 21:43	100-41-4	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		10/04/21 21:43	75-09-2	
Styrene	<0.36	ug/L	1.0	0.36	1		10/04/21 21:43	100-42-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		10/04/21 21:43	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		10/04/21 21:43	108-88-3	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		10/04/21 21:43	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		10/04/21 21:43	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		10/04/21 21:43	1330-20-7	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		10/04/21 21:43	156-59-2	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		10/04/21 21:43	10061-01-5	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		10/04/21 21:43	156-60-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		10/04/21 21:43	10061-02-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	81	%	70-130		1		10/04/21 21:43	460-00-4	
1,2-Dichlorobenzene-d4 (S)	105	%	70-130		1		10/04/21 21:43	2199-69-1	
Toluene-d8 (S)	92	%	70-130		1		10/04/21 21:43	2037-26-5	

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### ANALYTICAL RESULTS

Project: 419607.0000 PHASE 4 LEMBERGER

Pace Project No.: 40234288

**Sample: GR-73**      **Lab ID: 40234288017**      Collected: 09/30/21 15:44      Received: 10/01/21 07:20      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		10/04/21 22:01	71-55-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		10/04/21 22:01	79-34-5	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		10/04/21 22:01	79-00-5	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		10/04/21 22:01	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		10/04/21 22:01	75-35-4	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		10/04/21 22:01	107-06-2	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		10/04/21 22:01	78-87-5	
2-Butanone (MEK)	<6.5	ug/L	25.0	6.5	1		10/04/21 22:01	78-93-3	
2-Hexanone	<6.3	ug/L	25.0	6.3	1		10/04/21 22:01	591-78-6	
4-Methyl-2-pentanone (MIBK)	<6.0	ug/L	25.0	6.0	1		10/04/21 22:01	108-10-1	
Acetone	<8.6	ug/L	25.0	8.6	1		10/04/21 22:01	67-64-1	
Benzene	<0.30	ug/L	1.0	0.30	1		10/04/21 22:01	71-43-2	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		10/04/21 22:01	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		10/04/21 22:01	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		10/04/21 22:01	74-83-9	
Carbon disulfide	<1.1	ug/L	5.0	1.1	1		10/04/21 22:01	75-15-0	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		10/04/21 22:01	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		10/04/21 22:01	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		10/04/21 22:01	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		10/04/21 22:01	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		10/04/21 22:01	74-87-3	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		10/04/21 22:01	124-48-1	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		10/04/21 22:01	100-41-4	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		10/04/21 22:01	75-09-2	
Styrene	<0.36	ug/L	1.0	0.36	1		10/04/21 22:01	100-42-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		10/04/21 22:01	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		10/04/21 22:01	108-88-3	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		10/04/21 22:01	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		10/04/21 22:01	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		10/04/21 22:01	1330-20-7	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		10/04/21 22:01	156-59-2	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		10/04/21 22:01	10061-01-5	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		10/04/21 22:01	156-60-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		10/04/21 22:01	10061-02-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	81	%	70-130		1		10/04/21 22:01	460-00-4	
1,2-Dichlorobenzene-d4 (S)	105	%	70-130		1		10/04/21 22:01	2199-69-1	
Toluene-d8 (S)	92	%	70-130		1		10/04/21 22:01	2037-26-5	

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### ANALYTICAL RESULTS

Project: 419607.0000 PHASE 4 LEMBERGER

Pace Project No.: 40234288

**Sample: GR-26**      **Lab ID: 40234288018**      Collected: 09/30/21 16:45      Received: 10/01/21 07:20      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		10/04/21 22:20	71-55-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		10/04/21 22:20	79-34-5	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		10/04/21 22:20	79-00-5	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		10/04/21 22:20	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		10/04/21 22:20	75-35-4	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		10/04/21 22:20	107-06-2	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		10/04/21 22:20	78-87-5	
2-Butanone (MEK)	<6.5	ug/L	25.0	6.5	1		10/04/21 22:20	78-93-3	
2-Hexanone	<6.3	ug/L	25.0	6.3	1		10/04/21 22:20	591-78-6	
4-Methyl-2-pentanone (MIBK)	<6.0	ug/L	25.0	6.0	1		10/04/21 22:20	108-10-1	
Acetone	<8.6	ug/L	25.0	8.6	1		10/04/21 22:20	67-64-1	
Benzene	<0.30	ug/L	1.0	0.30	1		10/04/21 22:20	71-43-2	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		10/04/21 22:20	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		10/04/21 22:20	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		10/04/21 22:20	74-83-9	
Carbon disulfide	<1.1	ug/L	5.0	1.1	1		10/04/21 22:20	75-15-0	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		10/04/21 22:20	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		10/04/21 22:20	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		10/04/21 22:20	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		10/04/21 22:20	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		10/04/21 22:20	74-87-3	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		10/04/21 22:20	124-48-1	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		10/04/21 22:20	100-41-4	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		10/04/21 22:20	75-09-2	
Styrene	<0.36	ug/L	1.0	0.36	1		10/04/21 22:20	100-42-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		10/04/21 22:20	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		10/04/21 22:20	108-88-3	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		10/04/21 22:20	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		10/04/21 22:20	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		10/04/21 22:20	1330-20-7	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		10/04/21 22:20	156-59-2	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		10/04/21 22:20	10061-01-5	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		10/04/21 22:20	156-60-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		10/04/21 22:20	10061-02-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	84	%	70-130		1		10/04/21 22:20	460-00-4	
1,2-Dichlorobenzene-d4 (S)	106	%	70-130		1		10/04/21 22:20	2199-69-1	
Toluene-d8 (S)	93	%	70-130		1		10/04/21 22:20	2037-26-5	

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## ANALYTICAL RESULTS

Project: 419607.0000 PHASE 4 LEMBERGER

Pace Project No.: 40234288

**Sample: GR-FDUP-002**      **Lab ID: 40234288019**      Collected: 09/30/21 00:00      Received: 10/01/21 07:20      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		10/04/21 22:39	71-55-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		10/04/21 22:39	79-34-5	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		10/04/21 22:39	79-00-5	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		10/04/21 22:39	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		10/04/21 22:39	75-35-4	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		10/04/21 22:39	107-06-2	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		10/04/21 22:39	78-87-5	
2-Butanone (MEK)	<6.5	ug/L	25.0	6.5	1		10/04/21 22:39	78-93-3	
2-Hexanone	<6.3	ug/L	25.0	6.3	1		10/04/21 22:39	591-78-6	
4-Methyl-2-pentanone (MIBK)	<6.0	ug/L	25.0	6.0	1		10/04/21 22:39	108-10-1	
Acetone	<8.6	ug/L	25.0	8.6	1		10/04/21 22:39	67-64-1	
Benzene	<0.30	ug/L	1.0	0.30	1		10/04/21 22:39	71-43-2	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		10/04/21 22:39	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		10/04/21 22:39	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		10/04/21 22:39	74-83-9	
Carbon disulfide	<1.1	ug/L	5.0	1.1	1		10/04/21 22:39	75-15-0	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		10/04/21 22:39	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		10/04/21 22:39	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		10/04/21 22:39	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		10/04/21 22:39	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		10/04/21 22:39	74-87-3	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		10/04/21 22:39	124-48-1	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		10/04/21 22:39	100-41-4	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		10/04/21 22:39	75-09-2	
Styrene	<0.36	ug/L	1.0	0.36	1		10/04/21 22:39	100-42-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		10/04/21 22:39	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		10/04/21 22:39	108-88-3	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		10/04/21 22:39	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		10/04/21 22:39	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		10/04/21 22:39	1330-20-7	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		10/04/21 22:39	156-59-2	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		10/04/21 22:39	10061-01-5	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		10/04/21 22:39	156-60-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		10/04/21 22:39	10061-02-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	84	%	70-130		1		10/04/21 22:39	460-00-4	
1,2-Dichlorobenzene-d4 (S)	106	%	70-130		1		10/04/21 22:39	2199-69-1	
Toluene-d8 (S)	92	%	70-130		1		10/04/21 22:39	2037-26-5	

### REPORT OF LABORATORY ANALYSIS

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without the written consent of Pace Analytical Services, LLC.



## QUALIFIERS

Project: 419607.0000 PHASE 4 LEMBERGER

Pace Project No.: 40234288

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### 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.

## REPORT OF LABORATORY ANALYSIS

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**Attachment 5**

**Residential Well Location Map with Owner/Occupant Addresses**



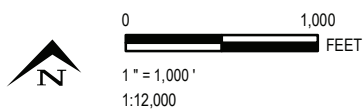


**LEGEND**

- SAMPLE AND MONITORING LOCATIONS
- RESIDENTIAL WELL (GR)
  - LANDFILL AREA

**NOTES**

1. AERIAL IMAGERY FROM MANITOWOC COUNTY, 2010.
2. MAP COORDINATES REFERENCE WISCONSIN STATE PLANE, SOUTH ZONE, NAD 83, US SURVEY FOOT.



PROJECT: <b>LEMBERGER SITES</b>			
TOWN OF FRANKLIN, WISCONSIN			
SHEET TITLE: <b>RESIDENTIAL WELLS LOCATION MAP</b>			
DRAWN BY: RHODE B	SCALE: AS NOTED	PROJ. NO. 211761	
CHECKED BY: WESTOVER M		FILE NO. 211761-018.mxd	
APPROVED BY: KRAUSE K	DATE PRINTED:	<b>FIGURE 1</b>	
DATE: FEBRUARY 2014			



708 Heartland Trail, Suite 3000  
 Madison, WI 53717  
 Phone: 608.826.3600  
 www.trcsolutions.com



**RESIDENTIAL WELLS**

<b><u>Occupant</u></b>	<b><u>Owner</u></b>	<b><u>Well #</u></b>	<b><u>DNR ID #</u></b>	<b><u>WUWN<sup>(1)</sup></u></b>
Richard Eiles 7504 Taus Road Whitelaw, WI 54247 (920) 732-3959	same	GR-8	101	BK413
Brent Ebert 7435 Taus Road Whitelaw, WI 54247 (920) 901-3561	same	GR-9	102	BK415
Jeff Wilker 7231 Taus Road Whitelaw, WI 54247 (920) 323-9361	same	GR-10	103	EZ331
Vacant, For Sale 7208 Taus Road Whitelaw, WI 54247	Dan Kalies 7206 Taus Road Whitelaw, WI 54247 (920) 732-4402	GR-11	104	BK416
John Dugan 13116 Reifs Mills Road Whitelaw, WI 54247 (920) 732-3040	same	GR-12	105	CW004
No occupant at this resident 13207 Reifs Mills Road Whitelaw, WI 54247	Gene and Lori Gauthier 1616 Holly Drive Manitowoc, WI 54220 (920) 684-8276	GR-13	106	BK381
Scott & Stephanie Jeske 13416 Reifs Mills Road Whitelaw, WI 54247 (920) 629-0666	same	GR-14	107	BK363

**RESIDENTIAL WELLS (continued)**

<b><u>Occupant</u></b>	<b><u>Owner</u></b>	<b><u>Well #</u></b>	<b><u>DNR ID #</u></b>	<b><u>WUWN<sup>(1)</sup></u></b>
Robert J. & Katharine E. Mizla 6512 River Bend Road Whitelaw, WI 54247 (240) 422-9809	same	GR-16	109	BK371
13116 Sunny Slope Road Cato, WI 54230 [no house at this address]	Ted Greif 4802 Mayerl Road Reedsville, WI 54230 (920) 901-6430	GR-26	113	AO649
Heidi Schiefelbein 5330 Hempton Lake Road Whitelaw, WI 54247 (920) 717-8727	same	GR-30	115	BK414
[no residence at this well location] <sup>(2)</sup> 13418 Sunny Slope Road Cato, WI 54230	Elmer & Ida Mae Knepp 20928 West Goodwin Rd Reedsville, WI 54230 (920) 905-4665	GR-60R	124	IG758
Nicholas S. & Melissa C. Nadler 7325 Taus Road Whitelaw, WI 54247 (920) 901-2954	same	GR-62	120	HL794
James Einburger 12820 Reifs Mills Road Whitelaw, WI 54247 (920) 732-3805	same	GR-63	121	DS921
Mark & Rane Thelen 12815 Reifs Mills Road Whitelaw, WI 54247 (920) 973-5307	same	GR-64	122	IE118

**RESIDENTIAL WELLS (continued)**

<b><u>Occupant</u></b>	<b><u>Owner</u></b>	<b><u>Well #</u></b>	<b><u>DNR ID #</u></b>	<b><u>WUWN<sup>(1)</sup></u></b>
Corliss & Diana Prindle 6726 River Bend Road Whitelaw, WI 54247 (920) 732-3919	same	GR-65	123	LK291
Tim Moheng 7105 Taus Road Whitelaw, WI 54247 (402) 676-3797	same	GR-66	125	RK530
John & Vicky Schmidt 13519 Sunny Slope Road Cato, WI 54230 (920) 732-4603	same	GR-72	126	KY957
Well is just south of site 200 yards on west side of Hempton Lake Rd	Bill Braun 214 N Cherry St Whitelaw WI 54247 (920) 732-4444	GR-73	127	II633
Vacant, Remodeling 6203 Ledvina Road Cato, WI 54230	Elmer & Ida Mae Knepp 20928 West Goodwin Rd Reedsville, WI 54230 (920) 905-4665	GR-74	128	XG829

**Notes:**

- (1) Wisconsin Unique Well Number.
- (2) Former house at this location has been demolished. A barn and shed are the only structures on the property.

## **Attachment 6**

### **Tabular Summary of Analytical Results at Each Monitoring Well**

**LEMBERGER LANDFILL  
MONITORING WELL VOLATILE ORGANIC ANALYSIS RESULTS  
SEPTEMBER/OCTOBER 2021**

PARAMETER	UNITS	OW-104F	RM-002D	RM-003D	RM-003XXD	RM-005D	RM-007D	RM-007D DUP
		10/20/2021 40235605003	9/26/2021 40233993005	9/25/2021 40233993001	9/25/2021 40233993002	10/21/2021 40235688001	9/22/2021 40233822004	9/22/2021 40233822005
1,1,1-TRICHLOROETHANE	UG/L	6.0	6.0	18.5	2.4	15.6	290	274
1,1,2,2-TETRACHLOROETHANE	UG/L	< 0.38	< 0.38	< 0.38	< 0.38	< 0.38	< 0.94	< 0.38
1,1,2-TRICHLOROETHANE	UG/L	< 0.34	< 0.34	< 0.34	< 0.34	< 0.34	< 0.86	< 0.34
1,1-DICHLOROETHANE	UG/L	3.3	5.5	9.9	1.4	11.6	245	259
1,1-DICHLOROETHENE	UG/L	1.3	1.0	2.0	< 0.58	3.6	19.8	22.0
1,2-DICHLOROETHANE	UG/L	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29	< 0.73	< 0.29
1,2-DICHLOROPROPANE	UG/L	< 0.45	< 0.45	< 0.45	< 0.45	< 0.45	< 1.1	< 0.45
2-BUTANONE	UG/L	< 6.5	< 6.5 uj	< 6.5 uj	< 6.5 uj	< 6.5	< 16.3	< 6.5
2-HEXANONE	UG/L	< 6.3	< 6.3 uj	< 6.3 uj	< 6.3 uj	< 6.3	< 15.7	< 6.3
4-METHYL-2-PENTANONE	UG/L	< 6.0	< 6.0	< 6.0	< 6.0	< 6.0	< 14.9	< 6.0
ACETONE	UG/L	< 8.6	< 8.6 uj	< 8.6 uj	< 8.6 uj	< 8.6	< 21.6	< 8.6
BENZENE	UG/L	< 0.30	< 0.30	< 0.30	< 0.30	< 0.30	< 0.74	< 0.30
BROMODICHLOROMETHANE	UG/L	< 0.42	< 0.42	< 0.42	< 0.42	< 0.42	< 1.0	< 0.42
BROMOFORM	UG/L	< 3.8	< 3.8	< 3.8	< 3.8	< 3.8	< 9.5	< 3.8
BROMOMETHANE	UG/L	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2 uj	< 3.0 uj	< 1.2 uj
CARBON DISULFIDE	UG/L	< 1.1	< 1.1	< 1.1	< 1.1	< 1.1	< 2.8	< 1.1
CARBON TETRACHLORIDE	UG/L	< 0.37	< 0.37	< 0.37	< 0.37	< 0.37	< 0.92	< 0.37
CHLOROBENZENE	UG/L	< 0.86	< 0.86	< 0.86	< 0.86	< 0.86	< 2.1	< 0.86
CHLORODIBROMOMETHANE	UG/L	< 2.6	< 2.6	< 2.6	< 2.6	< 2.6	< 6.6	< 2.6
CHLOROETHANE	UG/L	< 1.4 uj	< 1.4	< 1.4	< 1.4	< 1.4	6.2 J	5.3
CHLOROFORM	UG/L	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 3.0	< 1.2
CHLOROMETHANE	UG/L	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 4.1	< 1.6
CIS-1,2-DICHLOROETHENE	UG/L	2.4	1.3	3.2	0.52 J	6.1	64.4	68.2
CIS-1,3-DICHLOROPROPENE	UG/L	< 0.36	< 0.36	< 0.36	< 0.36	< 0.36	< 0.90	< 0.36
ETHYLBENZENE	UG/L	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.81	< 0.33
METHYLENE CHLORIDE	UG/L	< 0.32	< 0.32	< 0.32	< 0.32 R1	< 0.32	< 0.80	< 0.32
STYRENE	UG/L	< 0.36	< 0.36	< 0.36	< 0.36	< 0.36	< 0.89	< 0.36
TETRACHLOROETHENE	UG/L	< 0.41	< 0.41	< 0.41	< 0.41	< 0.41	3.4	3.6
TOLUENE	UG/L	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29	< 0.72	< 0.29
TRANS-1,2-DICHLOROETHENE	UG/L	< 0.53	< 0.53	< 0.53	< 0.53	< 0.53	< 1.3	< 0.53
TRANS-1,3-DICHLOROPROPENE	UG/L	< 3.5	< 3.5	< 3.5	< 3.5	< 3.5	< 8.7	< 3.5
TRICHLOROETHENE	UG/L	3.1	1.5	3.4	0.49 J	2.8	57.9	61.7
VINYL CHLORIDE	UG/L	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.44	0.43 J
XYLENE, TOTAL	UG/L	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.6	< 1.0

**NOTES:**

Laboratory data qualifiers are included in the laboratory reports in Attachment 7. See specific laboratory report for Sample Delivery Group (SDG) definition.

Non-detect results are reported as "< Limit of Detection (LOD)"

Data Validation Qualifiers:

u = data validation rules result as not detected

j = the result is estimated



**LEMBERGER LANDFILL  
MONITORING WELL VOLATILE ORGANIC ANALYSIS RESULTS  
SEPTEMBER/OCTOBER 2021**

PARAMETER	UNITS	RM-007XD	RM-007XXD	RM-007XXD DUP	RM-008D	RM-101D	RM-102D	RM-202D
		10/21/2021 40235688004	10/21/2021 40235688005	10/21/2021 40235688006	10/17/2021 40235604003	9/25/2021 40233992003	9/22/2021 40233822001	10/20/2021 40235605004
1,1,1-TRICHLOROETHANE	UG/L	201	< 0.30	< 0.30	20.8	2.0	< 0.30	< 0.30
1,1,2,2-TETRACHLOROETHANE	UG/L	< 0.38	< 0.38	< 0.38	< 0.38	< 0.38	< 0.38	< 0.38
1,1,2-TRICHLOROETHANE	UG/L	< 0.34	< 0.34	< 0.34	< 0.34	< 0.34	< 0.34	< 0.34
1,1-DICHLOROETHANE	UG/L	173	< 0.30	< 0.30	6.3	2.1	< 0.30	< 0.30
1,1-DICHLOROETHENE	UG/L	35.2	< 0.58	< 0.58	0.99 J	< 0.58	< 0.58	< 0.58
1,2-DICHLOROETHANE	UG/L	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29
1,2-DICHLOROPROPANE	UG/L	< 0.45	< 0.45	< 0.45	< 0.45	< 0.45	< 0.45	< 0.45
2-BUTANONE	UG/L	< 6.5	< 6.5	< 6.5	< 6.5	< 6.5	< 6.5	< 6.5
2-HEXANONE	UG/L	< 6.3	< 6.3	< 6.3	< 6.3	< 6.3	< 6.3	< 6.3
4-METHYL-2-PENTANONE	UG/L	< 6.0	< 6.0	< 6.0	< 6.0	< 6.0	< 6.0	< 6.0
ACETONE	UG/L	< 8.6	< 8.6	< 8.6	< 8.6	< 8.6	< 8.6	< 8.6
BENZENE	UG/L	< 0.30	< 0.30	< 0.30	< 0.30	< 0.30	< 0.30	< 0.30
BROMODICHLOROMETHANE	UG/L	< 0.42	< 0.42	< 0.42	< 0.42	< 0.42	< 0.42	< 0.42
BROMOFORM	UG/L	< 3.8	< 3.8	< 3.8	< 3.8	< 3.8	< 3.8	< 3.8
BROMOMETHANE	UG/L	< 1.2 uj	< 1.2 uj	< 1.2 uj	< 1.2	< 1.2	< 1.2 uj	< 1.2
CARBON DISULFIDE	UG/L	< 1.1	< 1.1	< 1.1	< 1.1	< 1.1	< 1.1	< 1.1
CARBON TETRACHLORIDE	UG/L	< 0.37	< 0.37	< 0.37	< 0.37	< 0.37	< 0.37	< 0.37
CHLOROBENZENE	UG/L	< 0.86	< 0.86	< 0.86	< 0.86	< 0.86	< 0.86	< 0.86
CHLORODIBROMOMETHANE	UG/L	< 2.6	< 2.6	< 2.6	< 2.6	< 2.6	< 2.6	< 2.6
CHLOROETHANE	UG/L	< 1.4	< 1.4	< 1.4	< 1.4 uj	< 1.4	< 1.4	< 1.4 uj
CHLOROFORM	UG/L	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2
CHLOROMETHANE	UG/L	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6 uj	< 1.6	< 1.6
CIS-1,2-DICHLOROETHENE	UG/L	73.8	< 0.47	< 0.47	3.9	< 0.47	< 0.47	< 0.47
CIS-1,3-DICHLOROPROPENE	UG/L	< 0.36	< 0.36	< 0.36	< 0.36	< 0.36	< 0.36	< 0.36
ETHYLBENZENE	UG/L	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
METHYLENE CHLORIDE	UG/L	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32
STYRENE	UG/L	< 0.36	< 0.36	< 0.36	< 0.36	< 0.36	< 0.36	< 0.36
TETRACHLOROETHENE	UG/L	2.1	< 0.41	< 0.41	< 0.41	< 0.41	< 0.41	< 0.41
TOLUENE	UG/L	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29
TRANS-1,2-DICHLOROETHENE	UG/L	< 0.53	< 0.53	< 0.53	< 0.53	< 0.53	< 0.53	< 0.53
TRANS-1,3-DICHLOROPROPENE	UG/L	< 3.5	< 3.5	< 3.5	< 3.5	< 3.5	< 3.5	< 3.5
TRICHLOROETHENE	UG/L	40.5	< 0.32	< 0.32	3.5	0.87 J	< 0.32	< 0.32
VINYL CHLORIDE	UG/L	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17
XYLENE, TOTAL	UG/L	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0

**NOTES:**

Laboratory data qualifiers are included in the laboratory reports in Attachment 7. See specific laboratory report for Sample Delivery Group (SDG) definition.

Non-detect results are reported as "< Limit of Detection (LOD)"

Data Validation Qualifiers:

u = data validation rules result as not detected

j = the result is estimated

**LEMBERGER LANDFILL  
MONITORING WELL VOLATILE ORGANIC ANALYSIS RESULTS  
SEPTEMBER/OCTOBER 2021**

PARAMETER	UNITS	RM-203D	RM-204D	RM-208D	RM-208XD	RM-210D	RM-210D DUP	RM-211D
		10/20/2021 40235605002	9/22/2021 40233822002	10/21/2021 40235688003	10/21/2021 40235688002	9/26/2021 40233993006	9/26/2021 40233993007	9/25/2021 40233992001
1,1,1-TRICHLOROETHANE	UG/L	0.35 J	12.9	8.5	< 0.30	6.9	6.7	1.3
1,1,2,2-TETRACHLOROETHANE	UG/L	< 0.38	< 0.38	< 0.38	< 0.38	< 0.38	< 0.38	< 0.38
1,1,2-TRICHLOROETHANE	UG/L	< 0.34	< 0.34	< 0.34	< 0.34	< 0.34	< 0.34	< 0.34
1,1-DICHLOROETHANE	UG/L	< 0.30	10	5.8	< 0.30	3.9	3.8	0.62 J
1,1-DICHLOROETHENE	UG/L	< 0.58	1.4	2.8	< 0.58	1.0 J	1.1	< 0.58
1,2-DICHLOROETHANE	UG/L	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29
1,2-DICHLOROPROPANE	UG/L	< 0.45	< 0.45	< 0.45	< 0.45	< 0.45	< 0.45	< 0.45
2-BUTANONE	UG/L	< 6.5	< 6.5	< 6.5	< 6.5	< 6.5 uj	< 6.5 uj	< 6.5
2-HEXANONE	UG/L	< 6.3	< 6.3	< 6.3	< 6.3	< 6.3 uj	< 6.3 uj	< 6.3
4-METHYL-2-PENTANONE	UG/L	< 6.0	< 6.0	< 6.0	< 6.0	< 6.0	< 6.0	< 6.0
ACETONE	UG/L	< 8.6	< 8.6	< 8.6	< 8.6	< 8.6 uj	< 8.6 uj	< 8.6
BENZENE	UG/L	< 0.30	< 0.30	< 0.30	< 0.30	< 0.30	< 0.30	< 0.30
BROMODICHLOROMETHANE	UG/L	< 0.42	< 0.42	< 0.42	< 0.42	< 0.42	< 0.42	< 0.42
BROMOFORM	UG/L	< 3.8	< 3.8	< 3.8	< 3.8	< 3.8	< 3.8	< 3.8
BROMOMETHANE	UG/L	< 1.2	< 1.2 uj	< 1.2 uj	< 1.2 uj	< 1.2	< 1.2	< 1.2
CARBON DISULFIDE	UG/L	< 1.1	< 1.1	< 1.1	< 1.1	< 1.1	< 1.1	< 1.1
CARBON TETRACHLORIDE	UG/L	< 0.37	< 0.37	< 0.37	< 0.37	< 0.37	< 0.37	< 0.37
CHLOROBENZENE	UG/L	< 0.86	< 0.86	< 0.86	< 0.86	< 0.86	< 0.86	< 0.86
CHLORODIBROMOMETHANE	UG/L	< 2.6	< 2.6	< 2.6	< 2.6	< 2.6	< 2.6	< 2.6
CHLOROETHANE	UG/L	< 1.4 uj	< 1.4	< 1.4	< 1.4	< 1.4	< 1.4	< 1.4
CHLOROFORM	UG/L	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2
CHLOROMETHANE	UG/L	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6 uj
CIS-1,2-DICHLOROETHENE	UG/L	< 0.47	2.7	5.4	< 0.47	1.8	1.8	< 0.47
CIS-1,3-DICHLOROPROPENE	UG/L	< 0.36	< 0.36	< 0.36	< 0.36	< 0.36	< 0.36	< 0.36
ETHYLBENZENE	UG/L	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
METHYLENE CHLORIDE	UG/L	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32
STYRENE	UG/L	< 0.36	< 0.36	< 0.36	< 0.36	< 0.36	< 0.36	< 0.36
TETRACHLOROETHENE	UG/L	< 0.41	< 0.41	< 0.41	< 0.41	< 0.41	< 0.41	< 0.41
TOLUENE	UG/L	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29
TRANS-1,2-DICHLOROETHENE	UG/L	< 0.53	< 0.53	< 0.53	< 0.53	< 0.53	< 0.53	< 0.53
TRANS-1,3-DICHLOROPROPENE	UG/L	< 3.5	< 3.5	< 3.5	< 3.5	< 3.5	< 3.5	< 3.5
TRICHLOROETHENE	UG/L	< 0.32	1.8	2.2	< 0.32	1.4	1.4	< 0.32
VINYL CHLORIDE	UG/L	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17
XYLENE, TOTAL	UG/L	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0

**NOTES:**

Laboratory data qualifiers are included in the laboratory reports in Attachment 7. See specific laboratory report for Sample Delivery Group (SDG) definition.

Non-detect results are reported as "< Limit of Detection (LOD)"

Data Validation Qualifiers:

u = data validation rules result as not detected

j = the result is estimated

**LEMBERGER LANDFILL  
MONITORING WELL VOLATILE ORGANIC ANALYSIS RESULTS  
SEPTEMBER/OCTOBER 2021**

PARAMETER	UNITS	RM-212D	RM-213D	RM-213XD	RM-214D	RM-303D	RM-306D	RM-307D
		10/20/2021 40235605001	10/17/2021 40235604005	10/17/2021 40235604004	10/17/2021 40235604006	10/22/2021 40235688007	10/22/2021 40235688008	10/22/2021 40235688009
1,1,1-TRICHLOROETHANE	UG/L	< 0.30	2.5	9.3	9.2	177	31.8	135
1,1,2,2-TETRACHLOROETHANE	UG/L	< 0.38	< 0.38	< 0.38	< 0.38	< 0.76	< 0.38	< 0.38
1,1,2-TRICHLOROETHANE	UG/L	< 0.34	< 0.34	< 0.34	< 0.34	< 0.69	< 0.34	< 0.34
1,1-DICHLOROETHANE	UG/L	< 0.30	0.39 J	3.7	6.2	177	3.7	27.7
1,1-DICHLOROETHENE	UG/L	< 0.58	< 0.58	1.5	0.63 J	6.5	1.9	7.1
1,2-DICHLOROETHANE	UG/L	< 0.29	< 0.29	< 0.29	< 0.29	< 0.58	< 0.29	< 0.29
1,2-DICHLOROPROPANE	UG/L	< 0.45	< 0.45	< 0.45	< 0.45	< 0.90	< 0.45	< 0.45
2-BUTANONE	UG/L	< 6.5	< 6.5	< 6.5	< 6.5	< 13.0	< 6.5	< 6.5
2-HEXANONE	UG/L	< 6.3	< 6.3	< 6.3	< 6.3	< 12.6	< 6.3	< 6.3
4-METHYL-2-PENTANONE	UG/L	< 6.0	< 6.0	< 6.0	< 6.0	< 11.9	< 6.0	< 6.0
ACETONE	UG/L	< 8.6	< 8.6	< 8.6	< 8.6	< 17.3	< 8.6	< 8.6
BENZENE	UG/L	< 0.30	< 0.30	< 0.30	< 0.30	< 0.59	< 0.30	< 0.30
BROMODICHLOROMETHANE	UG/L	< 0.42	< 0.42	< 0.42	< 0.42	< 0.83	< 0.42	< 0.42
BROMOFORM	UG/L	< 3.8	< 3.8	< 3.8	< 3.8	< 7.6	< 3.8	< 3.8
BROMOMETHANE	UG/L	< 1.2	< 1.2	< 1.2	< 1.2	< 2.4 uj	< 1.2 uj	< 1.2 uj
CARBON DISULFIDE	UG/L	< 1.1	< 1.1	< 1.1	< 1.1	< 2.2	< 1.1	< 1.1
CARBON TETRACHLORIDE	UG/L	< 0.37	< 0.37	< 0.37	< 0.37	< 0.74	< 0.37	< 0.37
CHLOROBENZENE	UG/L	< 0.86	< 0.86	< 0.86	< 0.86	< 1.7	< 0.86	< 0.86
CHLORODIBROMOMETHANE	UG/L	< 2.6	< 2.6	< 2.6	< 2.6	< 5.3	< 2.6	< 2.6
CHLOROETHANE	UG/L	< 1.4 uj	< 1.4 uj	< 1.4 uj	< 1.4 uj	< 2.8	< 1.4	< 1.4
CHLOROFORM	UG/L	< 1.2	< 1.2	< 1.2	< 1.2	< 2.4	< 1.2	< 1.2
CHLOROMETHANE	UG/L	< 1.6	< 1.6	< 1.6	< 1.6	< 3.3	< 1.6	< 1.6
CIS-1,2-DICHLOROETHENE	UG/L	< 0.47	< 0.47	2.4	16.3	57.9	< 0.47	3.7
CIS-1,3-DICHLOROPROPENE	UG/L	< 0.36	< 0.36	< 0.36	< 0.36	< 0.72	< 0.36	< 0.36
ETHYLBENZENE	UG/L	< 0.33	< 0.33	< 0.33	< 0.33	< 0.65	< 0.33	< 0.33
METHYLENE CHLORIDE	UG/L	< 0.32	< 0.32	< 0.32	< 0.32	< 0.64	< 0.32	< 0.32
STYRENE	UG/L	< 0.36	< 0.36	< 0.36	< 0.36	< 0.71	< 0.36	< 0.36
TETRACHLOROETHENE	UG/L	< 0.41	< 0.41	< 0.41	< 0.41	2.1	< 0.41	1.0
TOLUENE	UG/L	< 0.29	< 0.29	< 0.29	< 0.29	< 0.58	< 0.29	< 0.29
TRANS-1,2-DICHLOROETHENE	UG/L	< 0.53	< 0.53	< 0.53	< 0.53	< 1.1	< 0.53	< 0.53
TRANS-1,3-DICHLOROPROPENE	UG/L	< 3.5	< 3.5	< 3.5	< 3.5	< 6.9	< 3.5	< 3.5
TRICHLOROETHENE	UG/L	< 0.32	0.42 J	1.8	3.2	54.1	2.5	14.0
VINYL CHLORIDE	UG/L	< 0.17	< 0.17	< 0.17	0.50 J	< 0.35	< 0.17	< 0.17
XYLENE, TOTAL	UG/L	< 1.0	< 1.0	< 1.0	< 1.0	< 2.1	< 1.0	< 1.0

**NOTES:**

Laboratory data qualifiers are included in the laboratory reports in Attachment 7. See specific laboratory report for Sample Delivery Group (SDG) definition.

Non-detect results are reported as "< Limit of Detection (LOD)"

Data Validation Qualifiers:

u = data validation rules result as not detected

j = the result is estimated

**LEMBERGER LANDFILL  
MONITORING WELL VOLATILE ORGANIC ANALYSIS RESULTS  
SEPTEMBER/OCTOBER 2021**

PARAMETER	UNITS	RM-401XD	RM-401XXD	RM-402XD	RM-402XXD	RM-403XD	RM-404XXD
		9/22/2021 40233822003	9/26/2021 40233993004	10/17/2021 40235604002	10/17/2021 40235604001	9/26/2021 40233993003	9/25/2021 40233992002
1,1,1-TRICHLOROETHANE	UG/L	17.4	4.3	94.1	30.0	79.3	0.71 J
1,1,2,2-TETRACHLOROETHANE	UG/L	< 0.38	< 0.38	< 0.38	< 0.38	< 0.38	< 0.38
1,1,2-TRICHLOROETHANE	UG/L	< 0.34	< 0.34	< 0.34	< 0.34	< 0.34	< 0.34
1,1-DICHLOROETHANE	UG/L	12.2	2.1	39.1	18.7	46.1	0.36 J
1,1-DICHLOROETHENE	UG/L	2.8	1.3	17.2	3.2	6.8	< 0.58
1,2-DICHLOROETHANE	UG/L	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29
1,2-DICHLOROPROPANE	UG/L	< 0.45	< 0.45	< 0.45	< 0.45	< 0.45	< 0.45
2-BUTANONE	UG/L	< 6.5	< 6.5 uj	< 6.5	< 6.5	< 6.5 uj	< 6.5
2-HEXANONE	UG/L	< 6.3	< 6.3 uj	< 6.3	< 6.3	< 6.3 uj	< 6.3
4-METHYL-2-PENTANONE	UG/L	< 6.0	< 6.0	< 6.0	< 6.0	< 6.0	< 6.0
ACETONE	UG/L	< 8.6	< 8.6 uj	< 8.6	< 8.6	< 8.6 uj	< 8.6
BENZENE	UG/L	< 0.30	< 0.30	< 0.30	< 0.30	< 0.30	< 0.30
BROMODICHLOROMETHANE	UG/L	< 0.42	< 0.42	< 0.42	< 0.42	< 0.42	< 0.42
BROMOFORM	UG/L	< 3.8	< 3.8	< 3.8	< 3.8	< 3.8	< 3.8
BROMOMETHANE	UG/L	< 1.2 uj	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2
CARBON DISULFIDE	UG/L	< 1.1	< 1.1	< 1.1	< 1.1	< 1.1	< 1.1
CARBON TETRACHLORIDE	UG/L	< 0.37	< 0.37	< 0.37	< 0.37	< 0.37	< 0.37
CHLOROBENZENE	UG/L	< 0.86	< 0.86	< 0.86	< 0.86	< 0.86	< 0.86
CHLORODIBROMOMETHANE	UG/L	< 2.6	< 2.6	< 2.6	< 2.6	< 2.6	< 2.6
CHLOROETHANE	UG/L	< 1.4	< 1.4	< 1.4 uj	< 1.4 uj	< 1.4	< 1.4
CHLOROFORM	UG/L	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2
CHLOROMETHANE	UG/L	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6 uj
CIS-1,2-DICHLOROETHENE	UG/L	6.4	2.5	18.2	8.9	8.8	< 0.47
CIS-1,3-DICHLOROPROPENE	UG/L	< 0.36	< 0.36	< 0.36	< 0.36	< 0.36	< 0.36
ETHYLBENZENE	UG/L	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
METHYLENE CHLORIDE	UG/L	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32
STYRENE	UG/L	< 0.36	< 0.36	< 0.36	< 0.36	< 0.36	< 0.36
TETRACHLOROETHENE	UG/L	< 0.41	< 0.41	0.79 J	< 0.41	1.0	< 0.41
TOLUENE	UG/L	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29
TRANS-1,2-DICHLOROETHENE	UG/L	< 0.53	< 0.53	< 0.53	< 0.53	< 0.53	< 0.53
TRANS-1,3-DICHLOROPROPENE	UG/L	< 3.5	< 3.5	< 3.5	< 3.5	< 3.5	< 3.5
TRICHLOROETHENE	UG/L	3.4	1.2	12.1	6.4	11.1	0.35 J
VINYL CHLORIDE	UG/L	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17
XYLENE, TOTAL	UG/L	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0

**NOTES:**

Laboratory data qualifiers are included in the laboratory reports in Attachment 7. See specific laboratory report for Sample Delivery Group (SDG) definition.

Non-detect results are reported as "< Limit of Detection (LOD)"

Data Validation Qualifiers:

u = data validation rules result as not detected

j = the result is estimated

**LEMBERGER LANDFILL  
MONITORING WELL INDICATOR PARAMETERS AND FIELD DATA  
SEPTEMBER/OCTOBER 2021**

PARAMETER	UNITS	OW-104F	RM-002D	RM-003D	RM-003XXD	RM-004D	RM-005D	RM-007D	RM-007D DUP
		10/20/2021 40235605003	9/26/2021 40233993005	9/25/2021 40233993001	9/25/2021 40233993002	9/25/2021 W210925001	10/21/2021 40235688001	9/22/2021 40233822004	9/22/2021 40233822005
ALKALINITY AS CaCO <sub>3</sub> , TOTAL	MG/L	304	316		321			514	512
CHLORIDE	MG/L	8.4	12.3		23.5			12.3	12.3
COLOR, FIELD		NONE	NONE	NONE	NONE		NONE	NONE	
CONDUCTANCE, SPECIFIC	UMHOS/CM	599	623	757	700		803	1172	
DEPTH TO WATER	FEET	36.64	23.30	16.73	13.72	54.80	41.14	35.22	
DISSOLVED OXYGEN, FIELD	MG/L	0.16	1.10	1.94	0.88		2.13	2.66	
IRON, TOTAL	UG/L	213 J	814		< 58.0			< 58.0	< 58.0
MANGANESE, TOTAL	UG/L	7.4	96.7		< 1.2			5.3	5.4
NITROGEN, NITRATE + NITRITE	MG/L	1.6 j-	1.1 j-		3.9			1.5 j-	1.5 j-
ODOR, FIELD		NONE	NONE	NONE	NONE		NONE	NONE	
OXIDATION REDUCTION POTENTIAL	MV	67	84	114	154		160	122	
PH, FIELD	SU	7.45	7.48	7.19	7.33		7.17	6.92	
SULFATE, TOTAL	MG/L	21.6 j+	39.4 j+		30.2 M0j+			183 j+	183 j+
TEMPERATURE	DEG C	9.6	8.2	9.5	9.6		9.7	9.4	
TOTAL ORGANIC CARBON AS NPOC	MG/L	0.69 j+	1.5 j+		1.3 j+			2.5 j+	2.5 j+
TURBIDITY, FIELD NTU	NTU	8	4	0	0		0	6	
WATER ELEVATION	FEET	792.1	792.41	803.4	807.81	804.29	801.94	808.48	

**NOTES:**

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Data Validation Qualifiers:

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j = the result is estimated

j+ = the result is estimated with a positive bias.

j- = the result is estimated with a negative bias.

**LEMBERGER LANDFILL  
MONITORING WELL INDICATOR PARAMETERS AND FIELD DATA  
SEPTEMBER/OCTOBER 2021**

PARAMETER	UNITS	RM-007XD	RM-007XXD	RM-008D	RM-010D	RM-101D	RM-102D	RM-202D	RM-203D
		10/21/2021 40235688004	10/21/2021 40235688005	10/17/2021 40235604003	9/25/2021 W210925002	9/25/2021 40233992003	9/22/2021 40233822001	10/20/2021 40235605004	10/20/2021 40235605002
ALKALINITY AS CaCO <sub>3</sub> , TOTAL	MG/L	450					262		358
CHLORIDE	MG/L	8.8					32.4		29.7
COLOR, FIELD		NONE	NONE	NONE		NONE	NONE	NONE	NONE
CONDUCTANCE, SPECIFIC	UMHOS/CM	971	608	896		712	857	619	815
DEPTH TO WATER	FEET	36.44	37.65	36.88	45.42	11.75	30.37	9.04	32.49
DISSOLVED OXYGEN, FIELD	MG/L	2.40	0.18	4.67		2.22	6.28	0.05	4.10
IRON, TOTAL	UG/L	< 58.0					< 58.0		169 J
MANGANESE, TOTAL	UG/L	< 1.2					1.7 J		3.3 J
NITROGEN, NITRATE + NITRITE	MG/L	1.2 M0j-					33.1 j-		8.0 j-
ODOR, FIELD		NONE	NONE	NONE		NONE	NONE	NONE	NONE
OXIDATION REDUCTION POTENTIAL	MV	157	-93	126		129	74	-262	815
PH, FIELD	SU	7.03	7.34	7.13		7.32	7.25	7.66	7.27
SULFATE, TOTAL	MG/L	115 j+					16.5		22.6 j+
TEMPERATURE	DEG C	9.6	8.7	9.3		9.2	9.9	10.0	9.8
TOTAL ORGANIC CARBON AS NPOC	MG/L	1.4 j+					2.4 j+		1.3 j+
TURBIDITY, FIELD NTU	NTU	0	0	0		0	4	8	7
WATER ELEVATION	FEET	807.75	807.03	808.6	804.15	807.5	843.75	804.54	791.39

**NOTES:**

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Data Validation Qualifiers:

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j = the result is estimated

j+ = the result is estimated with a positive bias.

j- = the result is estimated with a negative bias.

**LEMBERGER LANDFILL  
MONITORING WELL INDICATOR PARAMETERS AND FIELD DATA  
SEPTEMBER/OCTOBER 2021**

PARAMETER	UNITS	RM-204D	RM-208D	RM-208XD	RM-210D	RM-210D DUP	RM-211D	RM-212D	RM-213D
		9/22/2021 40233822002	10/21/2021 40235688003	10/21/2021 40235688002	9/26/2021 40233993006	9/26/2021 40233993007	9/25/2021 40233992001	10/20/2021 40235605001	10/17/2021 40235604005
ALKALINITY AS CaCO <sub>3</sub> , TOTAL	MG/L	352			355	357			
CHLORIDE	MG/L	16.2			16.8	16.8			
COLOR, FIELD		NONE	NONE	NONE	NONE		NONE	NONE	NONE
CONDUCTANCE, SPECIFIC	UMHOS/CM	746	755	693	705		712	700	977
DEPTH TO WATER	FEET	28.42	37.58	30.03	30.25		15.31	8.78	33.95
DISSOLVED OXYGEN, FIELD	MG/L	0.76	1.49	0.21	0.78		1.08	0.16	4.33
IRON, TOTAL	UG/L	< 58.0			390	363			
MANGANESE, TOTAL	UG/L	1.7 J			15.8	15.2			
NITROGEN, NITRATE + NITRITE	MG/L	3.5 j-			3.8 j-	3.8 j-			
ODOR, FIELD		NONE	NONE	NONE	NONE		NONE	NONE	NONE
OXIDATION REDUCTION POTENTIAL	MV	123	26	-207	117		119	104	165
PH, FIELD	SU	7.28	7.26	7.40	7.08		7.27	7.52	7.15
SULFATE, TOTAL	MG/L	36.7 j+			40.7 j+	40.7 j+			
TEMPERATURE	DEG C	9.9	9.9	8.8	8.4		9.6	10.6	9.0
TOTAL ORGANIC CARBON AS NPOC	MG/L	0.96 j+			0.96 j+	1.0 j+			
TURBIDITY, FIELD NTU	NTU	4	0	0	6		0	5	7
WATER ELEVATION	FEET	800.06	802.33	807.19	797.61		805.04	806.88	807.28

**NOTES:**

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Non-detect results are reported as "< Limit of Detection (LOD)"

Data Validation Qualifiers:

u = data validation rules result as not detected

j = the result is estimated

j+ = the result is estimated with a positive bias.

j- = the result is estimated with a negative bias.

**LEMBERGER LANDFILL  
MONITORING WELL INDICATOR PARAMETERS AND FIELD DATA  
SEPTEMBER/OCTOBER 2021**

PARAMETER	UNITS	RM-213XD	RM-214D	RM-303D	RM-305D	RM-306D	RM-307D	RM-401XD	RM-401XXD
		10/17/2021 40235604004	10/17/2021 40235604006	10/22/2021 40235688007	9/25/2021 W210925003	10/22/2021 40235688008	10/22/2021 40235688009	9/22/2021 40233822003	9/26/2021 40233993004
ALKALINITY AS CaCO <sub>3</sub> , TOTAL	MG/L								296
CHLORIDE	MG/L								30.3
COLOR, FIELD		NONE	NONE	NONE		NONE	NONE	NONE	NONE
CONDUCTANCE, SPECIFIC	UMHOS/CM	1055	1012	1009		674	864	766	739
DEPTH TO WATER	FEET	34.57	45.77	51.42	53.56	41.67	45.95	30.51	25.14
DISSOLVED OXYGEN, FIELD	MG/L	3.09	0.11	1.69		5.73	5.79	2.15	4.26
IRON, TOTAL	UG/L								< 58.0
MANGANESE, TOTAL	UG/L								< 1.2
NITROGEN, NITRATE + NITRITE	MG/L								11.3 j-
ODOR, FIELD		NONE	NONE	NONE		NONE	NONE	NONE	NONE
OXIDATION REDUCTION POTENTIAL	MV	159	144	151		237	224	140	142
PH, FIELD	SU	7.15	7.03	6.61		7.20	7.01	7.28	7.31
SULFATE, TOTAL	MG/L								23.1 j+
TEMPERATURE	DEG C	9.0	8.7	9.0		8.1	8.1	9.0	9.1
TOTAL ORGANIC CARBON AS NPOC	MG/L								1.1 j+
TURBIDITY, FIELD NTU	NTU	6	8	22		7	7	2	0
WATER ELEVATION	FEET	808.13	807.71	813.63	814.39	814.55	807.99	803.09	807.71

**NOTES:**

Laboratory data qualifiers are included in the laboratory reports in Attachment 7. See specific laboratory report for Sample Delivery Group (SDG) definition.

Non-detect results are reported as "< Limit of Detection (LOD)"

Data Validation Qualifiers:

u = data validation rules result as not detected

j = the result is estimated

j+ = the result is estimated with a positive bias.

j- = the result is estimated with a negative bias.



**LEMBERGER LANDFILL  
MONITORING WELL INDICATOR PARAMETERS AND FIELD DATA  
SEPTEMBER/OCTOBER 2021**

PARAMETER	UNITS	RM-402XD	RM-402XXD	RM-403XD	RM-404XXD
		10/17/2021 40235604002	10/17/2021 40235604001	9/26/2021 40233993003	9/25/2021 40233992002
ALKALINITY AS CaCO <sub>3</sub> , TOTAL	MG/L	382			353
CHLORIDE	MG/L	21.5			12.3
COLOR, FIELD		NONE	NONE	NONE	NONE
CONDUCTANCE, SPECIFIC	UMHOS/CM	1144	850	847	739
DEPTH TO WATER	FEET	33.90	34.53	36.65	53.95
DISSOLVED OXYGEN, FIELD	MG/L	2.47	3.50	3.19	3.05
IRON, TOTAL	UG/L	< 58.0			73.3 J
MANGANESE, TOTAL	UG/L	< 1.2			3.4 J
NITROGEN, NITRATE + NITRITE	MG/L	5.7 j-			3.6
ODOR, FIELD		NONE	NONE	NONE	NONE
OXIDATION REDUCTION POTENTIAL	MV	186	218	135	140
PH, FIELD	SU	7.09	7.14	7.05	7.30
SULFATE, TOTAL	MG/L	210 j+			45.3 j+
TEMPERATURE	DEG C	9.0	9.0	9.4	10.7
TOTAL ORGANIC CARBON AS NPOC	MG/L	1.6 j+			1.1 j+
TURBIDITY, FIELD NTU	NTU	0	0	0	5
WATER ELEVATION	FEET	808.17	807.69	807.85	807.71

**NOTES:**

Laboratory data qualifiers are included in the laboratory reports in Attachment 7. See specific laboratory report for Sample Delivery Group (SDG) definition.

Non-detect results are reported as "< Limit of Detection (LOD)"

Data Validation Qualifiers:

u = data validation rules result as not detected

j = the result is estimated

j+ = the result is estimated with a positive bias.

j- = the result is estimated with a negative bias.

**LEMBERGER LANDFILL  
MONITORING WELL PFAS RESULTS  
SEPTEMBER 2021**

PARAMETER	UNITS	RM-007D	RM-007D DUP	RM-102D	RM-204D	RM-401XD
		9/22/2021 794061	9/22/2021 794067	9/22/2021 794062	9/22/2021 794063	9/22/2021 794064
4:2 FTS	UG/L	< 0.00022	< 0.00022	< 0.0002	< 0.00021	< 0.00023
6:2 FTS	UG/L	< 0.0022	< 0.0023	< 0.0021	< 0.0022	< 0.0024
8:2 FTS	UG/L	< 0.00041	< 0.00043	< 0.00038	< 0.0004	< 0.00044
DONA	UG/L	< 0.00036	< 0.00037	< 0.00033	< 0.00035	< 0.00038
F-53B MAJOR	UG/L	< 0.00022	< 0.00022	< 0.0002	< 0.00021	< 0.00023
F-53B MINOR	UG/L	< 0.00029	< 0.0003	< 0.00027	< 0.00028	< 0.0003
HFPO-DA	UG/L	< 0.0013	< 0.0014	< 0.0013	< 0.0013	< 0.0014
NETFOSA	UG/L	< 0.00078	< 0.00081	< 0.00073	< 0.00076	< 0.00082
NETFOSAA	UG/L	< 0.0012	< 0.0012	< 0.0011	< 0.0011	< 0.0012
NETFOSE	UG/L	< 0.00076	< 0.00079	< 0.00071	< 0.00075	< 0.00081
NMEFOSA	UG/L	< 0.00039	< 0.0004	< 0.00036	< 0.00038	< 0.00041
NMEFOSAA	UG/L	< 0.0011	< 0.0011	< 0.001	< 0.0011	< 0.0011
NMEFOSE	UG/L	< 0.0013	< 0.0013	< 0.0012	< 0.0012	< 0.0013
PERFLUOROBUTANESULFONIC ACID	UG/L	0.00028 J	0.00033 J	0.00021 J	< 0.00018	0.00019 J
PERFLUOROBUTANOIC ACID	UG/L	0.0043 J	0.0045 J	< 0.002	< 0.0021	< 0.0023
PERFLUORODECANESULFONIC ACID	UG/L	< 0.00029	< 0.0003	< 0.00027	< 0.00028	< 0.0003
PERFLUORODECANOIC ACID	UG/L	< 0.00028	< 0.00029	< 0.00026	< 0.00027	< 0.00029
PERFLUORODODECANESULFONIC ACID	UG/L	< 0.00087	< 0.0009	< 0.00081	< 0.00085	< 0.00092
PERFLUORODODECANOIC ACID	UG/L	< 0.00049	< 0.00051	< 0.00046	< 0.00048	< 0.00052
PERFLUOROHEPTANESULFONIC ACID	UG/L	< 0.00017	< 0.00018	< 0.00016	< 0.00017	< 0.00018
PERFLUOROHEPTANOIC ACID	UG/L	< 0.00022	< 0.00023	< 0.00021	< 0.00022	< 0.00024
PERFLUOROHEXANESULFONIC ACID	UG/L	< 0.00051	< 0.00053	< 0.00048	< 0.0005	< 0.00054
PERFLUOROHEXANOIC ACID	UG/L	< 0.00052	< 0.00054	< 0.00048	< 0.00051	< 0.00055
PERFLUORONONANESULFONIC ACID	UG/L	< 0.00033	< 0.00034	< 0.00031	< 0.00033	< 0.00035
PERFLUORONONANOIC ACID	UG/L	< 0.00024	< 0.00025	< 0.00023	< 0.00024	< 0.00026
PERFLUOROOCETANESULFONAMIDE	UG/L	< 0.00088	< 0.00091	< 0.00082	0.001 J	< 0.00093
PERFLUOROOCETANESULFONIC ACID	UG/L	< 0.00048	< 0.0005	< 0.00045	< 0.00047	< 0.00051
PERFLUOROOCETANOIC ACID	UG/L	0.004	0.004	< 0.00071	0.00075 J	0.0016 J
PERFLUOROPENTANESULFONIC ACID	UG/L	< 0.00027	< 0.00028	< 0.00025	< 0.00026	< 0.00028
PERFLUOROPENTANOIC ACID	UG/L	< 0.00044	< 0.00045	< 0.00041	< 0.00043	< 0.00046
PERFLUOROTETRADECANOIC ACID	UG/L	< 0.00066	< 0.00068	< 0.00061	< 0.00064	< 0.00069
PERFLUOROTRIDECANOIC ACID	UG/L	< 0.0012	< 0.0012	< 0.0011	< 0.0011	< 0.0012
PERFLUOROUNDACANOIC ACID	UG/L	< 0.00099	< 0.001	< 0.00092	< 0.00097	< 0.001

NOTES:

Non-detect results are reported as "< Limit of Detection (LOD)"

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

**Attachment 7**  
**Laboratory Data Qualifiers for Monitoring Wells**

## QUALIFIERS

Project: 419607.0000 PHASE 4 LEMBERGER

Pace Project No.: 40233822

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### 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

M0 Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.

## REPORT OF LABORATORY ANALYSIS

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## QUALIFIERS

Project: 419607.0000 PHASE 4 LEMBERGER

Pace Project No.: 40233992

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### 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

M0 Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.

## REPORT OF LABORATORY ANALYSIS

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## QUALIFIERS

Project: 419607.0000 PHASE 4 LEMBERGER

Pace Project No.: 40233993

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### 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

M0 Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.

R1 RPD value was outside control limits.

## REPORT OF LABORATORY ANALYSIS

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## QUALIFIERS

Project: 419607.0000 PHASE 4 LEMBERGER

Pace Project No.: 40234288

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### 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.

## REPORT OF LABORATORY ANALYSIS

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## QUALIFIERS

Project: 419607.0000 PHASE 4 LEMBERGER

Pace Project No.: 40235604

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### 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

M0 Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.

## REPORT OF LABORATORY ANALYSIS

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## QUALIFIERS

Project: 419607.0000 PHASE 4 LEMBERGER

Pace Project No.: 40235605

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### 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

M0 Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.

## REPORT OF LABORATORY ANALYSIS

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## QUALIFIERS

Project: 419607.0000 PHASE 4 LEMBERGER

Pace Project No.: 40235688

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### 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

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

M0 Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.

## REPORT OF LABORATORY ANALYSIS

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**Attachment 8**

**Tabular Summary of Groundwater Standard Exceedances  
at Plume Monitoring Wells**

**Summary of Groundwater Standard Exceedances at Plume Monitoring Wells  
Lemberger Landfill Sites  
3rd Quarter 2021**

Well ID	Parameter	Result	Data Qualifiers	Units	Standard <sup>1</sup>		Well Location
					ES <sup>2</sup>	PAL <sup>3</sup>	
OW-104F	1,1-Dichloroethene	1.3		UG/L		X	4,500' northwest of LL site
OW-104F	Iron, total	213	J	UG/L		X	4,500' northwest of LL site
OW-104F	Trichloroethene	3.1		UG/L		X	4,500' northwest of LL site
RM-002D	1,1-Dichloroethene	1		UG/L		X	2,900' northwest of LL site
RM-002D	Iron, total	814		UG/L	X		2,900' northwest of LL site
RM-002D	Manganese, total	96.7		UG/L	X		2,900' northwest of LL site
RM-002D	Trichloroethene	1.5		UG/L		X	2,900' northwest of LL site
RM-003D	1,1-Dichloroethene	2		UG/L		X	1,000' west of LL site
RM-003D	Trichloroethene	3.4		UG/L		X	1,000' west of LL site
RM-003XXD	Nitrogen, nitrate + nitrite	3.9		MG/L		X	1,000' west of LL site
RM-005D	1,1-Dichloroethene	3.6		UG/L		X	Northwest side of LL site
RM-005D	Trichloroethene	2.8		UG/L		X	Northwest side of LL site
RM-007D	1,1,1-Trichloroethane	290		UG/L	X		North side of LTR site
RM-007D	1,1-Dichloroethane	245		UG/L		X	North side of LTR site
RM-007D	1,1-Dichloroethene	19.8		UG/L	X		North side of LTR site
RM-007D	cis-1,2-Dichloroethene	64.4		UG/L		X	North side of LTR site
RM-007D	Sulfate, total	183	j+	MG/L		X	North side of LTR site
RM-007D	Tetrachloroethene	3.4		UG/L		X	North side of LTR site
RM-007D	Trichloroethene	57.9		UG/L	X		North side of LTR site
RM-007D DUP	1,1,1-Trichloroethane	274		UG/L	X		North side of LTR site
RM-007D DUP	1,1-Dichloroethane	259		UG/L		X	North side of LTR site
RM-007D DUP	1,1-Dichloroethene	22		UG/L	X		North side of LTR site
RM-007D DUP	cis-1,2-Dichloroethene	68.2		UG/L		X	North side of LTR site
RM-007D DUP	Sulfate, total	183	j+	MG/L		X	North side of LTR site
RM-007D DUP	Tetrachloroethene	3.6		UG/L		X	North side of LTR site
RM-007D DUP	Trichloroethene	61.7		UG/L	X		North side of LTR site
RM-007D DUP	Vinyl chloride	0.43	J	UG/L	X		North side of LTR site
RM-007XD	1,1,1-Trichloroethane	201		UG/L	X		North side of LTR site
RM-007XD	1,1-Dichloroethane	173		UG/L		X	North side of LTR site
RM-007XD	1,1-Dichloroethene	35.2		UG/L	X		North side of LTR site
RM-007XD	cis-1,2-Dichloroethene	73.8		UG/L	X		North side of LTR site
RM-007XD	Tetrachloroethene	2.1		UG/L		X	North side of LTR site
RM-007XD	Trichloroethene	40.5		UG/L	X		North side of LTR site
RM-008D	1,1-Dichloroethene	0.99	J	UG/L		X	500' south of LL site
RM-008D	Trichloroethene	3.5		UG/L		X	500' south of LL site

**Summary of Groundwater Standard Exceedances at Plume Monitoring Wells  
Lemberger Landfill Sites  
3rd Quarter 2021**

Well ID	Parameter	Result	Data Qualifiers	Units	Standard <sup>1</sup>		Well Location
					ES <sup>2</sup>	PAL <sup>3</sup>	
RM-101D	Trichloroethene	0.87	J	UG/L		X	1,400' west of LTR site
RM-102D	Nitrogen, nitrate + nitrite	33.1	j-	MG/L	X		500' south of LTR site
RM-203D	Iron, total	169	J	UG/L		X	5,000' northwest of LL site
RM-203D	Nitrogen, nitrate + nitrite	8	j-	MG/L		X	5,000' northwest of LL site
RM-204D	1,1-Dichloroethene	1.4		UG/L		X	1,300' north of LL site
RM-204D	Nitrogen, nitrate + nitrite	3.5	j-	MG/L		X	1,300' north of LL site
RM-204D	Trichloroethene	1.8		UG/L		X	1,300' north of LL site
RM-208D	1,1-Dichloroethene	2.8		UG/L		X	Southwest side of LL site
RM-208D	Trichloroethene	2.2		UG/L		X	Southwest side of LL site
RM-210D	1,1-Dichloroethene	1	J	UG/L		X	3,600' north of LL site
RM-210D	Iron, total	390		UG/L	X		3,600' north of LL site
RM-210D	Nitrogen, nitrate + nitrite	3.8	j-	MG/L		X	3,600' north of LL site
RM-210D	Trichloroethene	1.4		UG/L		X	3,600' north of LL site
RM-210D DUP	1,1-Dichloroethene	1.1		UG/L		X	3,600' north of LL site
RM-210D DUP	Iron, total	363		UG/L	X		3,600' north of LL site
RM-210D DUP	Nitrogen, nitrate + nitrite	3.8	j-	MG/L		X	3,600' north of LL site
RM-210D DUP	Trichloroethene	1.4		UG/L		X	3,600' north of LL site
RM-213XD	1,1-Dichloroethene	1.5		UG/L		X	600' north of LTR site
RM-213XD	Trichloroethene	1.8		UG/L		X	600' north of LTR site
RM-214D	cis-1,2-Dichloroethene	16.3		UG/L		X	South side of LL site
RM-214D	Trichloroethene	3.2		UG/L		X	South side of LL site
RM-214D	Vinyl chloride	0.5	J	UG/L	X		South side of LL site
RM-303D	1,1,1-Trichloroethane	177		UG/L		X	North side of LTR site
RM-303D	1,1-Dichloroethane	177		UG/L		X	North side of LTR site
RM-303D	1,1-Dichloroethene	6.5		UG/L		X	North side of LTR site
RM-303D	cis-1,2-Dichloroethene	57.9		UG/L		X	North side of LTR site
RM-303D	Tetrachloroethene	2.1		UG/L		X	North side of LTR site
RM-303D	Trichloroethene	54.1		UG/L	X		North side of LTR site
RM-306D	1,1-Dichloroethene	1.9		UG/L		X	West side of LTR site
RM-306D	Trichloroethene	2.5		UG/L		X	West side of LTR site
RM-307D	1,1,1-Trichloroethane	135		UG/L		X	West side of LTR site
RM-307D	1,1-Dichloroethene	7.1		UG/L	X		West side of LTR site
RM-307D	Tetrachloroethene	1		UG/L		X	West side of LTR site
RM-307D	Trichloroethene	14		UG/L	X		West side of LTR site

**Summary of Groundwater Standard Exceedances at Plume Monitoring Wells  
Lemberger Landfill Sites  
3rd Quarter 2021**

Well ID	Parameter	Result	Data Qualifiers	Units	Standard <sup>1</sup>		Well Location
					ES <sup>2</sup>	PAL <sup>3</sup>	
RM-401XD	1,1-Dichloroethene	2.8		UG/L		X	400' Northwest of LL Site
RM-401XD	Trichloroethene	3.4		UG/L		X	400' Northwest of LL Site
RM-401XXD	1,1-Dichloroethene	1.3		UG/L		X	400' Northwest of LL Site
RM-401XXD	Nitrogen, nitrate + nitrite	11.3	j-	MG/L	X		400' Northwest of LL Site
RM-401XXD	Trichloroethene	1.2		UG/L		X	400' Northwest of LL Site
RM-402XD	1,1,1-Trichloroethane	94.1		UG/L		X	400' Northwest of LTR site
RM-402XD	1,1-Dichloroethene	17.2		UG/L	X		400' Northwest of LTR site
RM-402XD	cis-1,2-Dichloroethene	18.2		UG/L		X	400' Northwest of LTR site
RM-402XD	Nitrogen, nitrate + nitrite	5.7	j-	MG/L		X	400' Northwest of LTR site
RM-402XD	Sulfate, total	210	j+	MG/L		X	400' Northwest of LTR site
RM-402XD	Tetrachloroethene	0.79	J	UG/L		X	400' Northwest of LTR site
RM-402XD	Trichloroethene	12.1		UG/L	X		400' Northwest of LTR site
RM-402XXD	1,1-Dichloroethene	3.2		UG/L		X	400' Northwest of LTR site
RM-402XXD	cis-1,2-Dichloroethene	8.9		UG/L		X	400' Northwest of LTR site
RM-402XXD	Trichloroethene	6.4		UG/L	X		400' Northwest of LTR site
RM-403XD	1,1,1-Trichloroethane	79.3		UG/L		X	400' West of LTR site
RM-403XD	1,1-Dichloroethene	6.8		UG/L		X	400' West of LTR site
RM-403XD	cis-1,2-Dichloroethene	8.8		UG/L		X	400' West of LTR site
RM-403XD	Tetrachloroethene	1		UG/L		X	400' West of LTR site
RM-403XD	Trichloroethene	11.1		UG/L	X		400' West of LTR site
RM-404XXD	Nitrogen, nitrate + nitrite	3.6		MG/L		X	1,200' Northwest of LL Site

Notes:

<sup>1</sup> Table includes exceedances where the reported concentration is between the Limit of Detection and Limit of Quantitation ("J" data qualifier).

<sup>2</sup> ES =Wisconsin Administrative Code NR140 Enforcement Standard

<sup>3</sup> PAL =Wisconsin Administrative Code NR140 Preventive Action Limit

<sup>4</sup> LTR = Lemberger Transport and Recycling

<sup>5</sup> LL = Lemberger Landfill

Laboratory qualifiers are included in the sample-specific laboratory reports. See laboratory reports for the SDG-specific definitions.

**Notice:** Personally identifiable information collected will be used for program administration and enforcement purposes. The Department may also provide this information to requesters as required under Wisconsin's Open Records law, ss. 19.31 to 19.39, Wis. Stats. When submitting monitoring data, the owner or operator of the facility, practice or activity is required to notify the Department in writing that a groundwater standard or an explosive gas level has been attained or exceeded, as specified in ss. NR 140.24(1)(a); NR 140.26(1)(a); NR 507.30NR 635.14(9)(a); NR 635.18(20) and NR 507.30, Wis. Adm. Code. Failure to report may result in fines, forfeitures or other penalties resulting from enforcement under ss. 289.97, 291.97 or 299.95, Wis. Stats

**Instructions:**

- Prepare one form for each license or monitoring ID.
- Please type or print legibly.
- Attach a notification of any values that attain or exceed groundwater standards (that is, preventive action limits, enforcement standards or alternative concentration limits). The notification must include a preliminary analysis of the cause and significance of each value.
- Attach a notification of any gas values that attain or exceed explosive gas levels.
- Send the original signed form, any notification, and Electronic Data Deliverable [EDD] to:

GEMS Data Submittal Contact - WA/5  
 Wisconsin Department of Natural Resources  
 P.O. Box 7921  
 Madison, WI 53707-7921

**Monitoring Data Submittal Information**

Name of entity submitting data (laboratory, consultant, facility owner)

TRC Environmental Corp.

Contact for questions about data formatting. Include data preparer's name, telephone number and Email address:

Name Meredith Westover	Phone No. (include area code) (608) 358-5035
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Email  
mwestover@trccompanies.com

Facility Name  
Lemberger Landfill

License # / Monitoring ID 00753	Facility ID (FID) 436016790
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Actual sampling dates (e.g., July 2-6, 2003) 9/22, 9/25-26, 9/29-30, 10/17, 10/20-22, 2021	The enclosed results are for sampling required in the month(s) of: (e.g., June 2003) July, August, September 2021
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Type of Data Submitted (Check all that apply):

- |   |  |
|---|--|
| <input checked="" type="checkbox"/> Groundwater monitoring data from monitoring wells           | <input type="checkbox"/> Gas monitoring data |
| <input checked="" type="checkbox"/> Groundwater monitoring data from private water supply wells | <input type="checkbox"/> Air monitoring data |
| <input checked="" type="checkbox"/> Leachate monitoring data                                    | <input type="checkbox"/> Other (specify):    |

Notification attached?

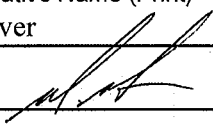
- No. No groundwater standards or explosive gas limits were exceeded.
- Yes, a notification of values exceeding a groundwater standard is attached. It includes a list of monitoring points, dates, sample values, groundwater standard and preliminary analysis of the cause and significance of any concentration.
- Yes, a notification of values exceeding an explosive gas limit is attached. It includes the monitoring points, dates, sample values and explosive gas limits.

**Certification**

To the best of my knowledge, the information reported and statements made on this data submittal and attachments are true and correct. Furthermore, I have attached complete notification of any sampling values meeting or exceeding groundwater standards or explosive gas levels, and a preliminary analysis of the cause and significance of concentrations exceeding groundwater standards.

Facility Representative Name (Print) Meredith Westover	Title Database Manager	Phone No. (include area code) (608) 358-5035
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Signature



Date Signed (mm/dd/yyyy)

2/2/2022

**For DNR Use Only**

Check action taken, and record date and your initials. Describe on back side if necessary.

- Found uploading problems on \_\_\_\_\_ Initials \_\_\_\_\_
- Notified contact of problems on \_\_\_\_\_ Uploaded data successfully on \_\_\_\_\_
- EDD format(s):  Diskette  CD (initial submittal and follow-up)  E-mail (follow-up only)  Other: \_\_\_\_\_