



AN ALLETE COMPANY

August 19, 2021

Jeffery Paddock
Wisconsin Department of Natural Resources
Superior Service Center
1701 N 4th Street
Superior, WI 54880

RE: Water Main Break at Winter Street in Superior WI (March 4, 2021)

Dear Mr. Paddock:

1.0 Incident Summary

On March 4, 2021, SWL&P experienced a municipal water main break at the intersection of E. 1st Street and Winter Street and near the bridge abutment of U.S. Highway 53/2 in Superior, Wisconsin. The water line is located in a former MGP Site (BRRTS ID 02-16-275446). The location of the break is in an area with known MGP Volatile Organic Compound (VOC) impacts and potential PAH impacts.

Given the potential to encounter impacts in soil and groundwater, the water leak was notified to the Wisconsin State Duty Officer by Greg Prom, Senior Environmental Compliance Specialist for ALLETE & SWL&P on March 4, 2021.

SWL&P operation staff performed the excavation of soils to access the water main to make repairs. The water main is approximately 8 feet below the ground surface. All of the excavated soil was treated as impacted and stockpiled on poly to be sampled for disposal profiling. Water that collected in the excavation was pumped out by OSI Environmental into a vacuum trucks for disposal as petroleum impacted water.

Foth Infrastructure and Environment, LLC. (Foth) was contracted by SWL&P to collect the soil samples of the stockpile and water/groundwater for waste disposal. Foth's summary report of the sampling and analytical results are included in Appendix A.

SWL&P completed the repair of the ductile iron water main by putting a full circle stainless steel clamp around a 2 inch hole in the water main.



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2.0 Waste Disposal

Following the analytical results of the soil samples on March 8, 2021, waste profile were completed and approved for disposal at the Shamrock Landfill in Cloquet, Minnesota. Approximately 55 tons of soil was hauled to the Shamrock Landfill on March 12, 2021. The waste profile, weight tickets, and waste manifest are included in Appendix B.

OSI hauled the collected water to their petroleum-impacted water treatment facility in Eveleth, MN and included with the batch of petroleum-impacted water for final treatment and disposal.

3.0 Conclusion

All of the excavated soil and water that was generated from the water main repair has been disposed or treated at approved facilities following the sampling and profiling procedures. The water main trench was backfilled with clean clayey materials after the repairs were completed. The area of the water main break will also be addressed during a remedial action for the MGP site which is scheduled in the summer of 2022.

SWL&P appreciates the opportunity to provide you with this summary report. If you have any additional questions, please contact me at (218) 355-3191.

Sincerely,

A handwritten signature in blue ink that reads 'Greg Prom'. The signature is fluid and cursive, written in a professional style.

Greg Prom
Senior Environmental Compliance Specialist

cc:

Jamie Mehle, SWL&P
Kevin Deuville, SWL&P
Erin Hughes, Foth

Appendix A: Foth Summary Report and Analytical Results

Appendix B: Waste Profile, Waste Manifests, and Weight Tickets.



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APPENDIX A: Foth Summary Report and Analytical Results



2121 Innovation Court, Suite 100
P.O. Box 5095
De Pere, WI 54115-5095
(920) 497-2500
foth.com

August 16, 2021

TO: Greg Prom, Superior Water, Light & Power
CC: Erin Hughes, Foth Infrastructure & Environment, LLC
FR: John Kamps, Foth Infrastructure & Environment, LLC
RE: Superior Water, Light & Power Water Main Break Response

Background

A water main utility break was identified on Thursday, March 4, 2021 located near the former Manufactured Gas Plant (MGP) site at the intersection of E 1st St and U.S. Highway 53 in Superior, Wisconsin (see Attachment 1).

Foth Infrastructure & Environment, LLC (Foth) was contacted by Superior Water, Light & Power (SWL&P) on Thursday, March 4, 2021 to assist in responding to the water main utility break. Environmental response to the water main utility break included soil sampling from the excavated spoils pile and waste water sampling from the excavated pit surrounding the water main break. The water main utility is approximately 8.5 ft below ground surface and made out of ductile steel.

Summary

Foth sampling representative arrived onsite at 13:45 on Thursday, March 4, 2021. Prior to arrival the SWL&P maintenance crew had excavated material surrounding the water main break, repaired the utility break, and stacked the excavated spoil material on plastic sheeting located north of the excavation. The excavated material was also covered with plastic sheeting. Excavated material primary consisted of plastic, red clay. According to the SWL&P maintenance crew, when performing excavation and maintenance on the water main utility, the upper 4 feet (ft) of material did not have any odor, while the material from 4 to 8 ft below ground surface had an odor. No sheen was observed in a nearby storm sewer discharge. See Photographic Log (Attachment 2) for site photos.

Waste water samples were collected from the excavated pit surrounding the water main utility. The water was very turbid, having a brown color. Waste water grab samples were collected at 14:00. Samples were analyzed for volatile organic compounds (VOC) 8260 and polynuclear aromatic hydrocarbons (PAH) 8270.

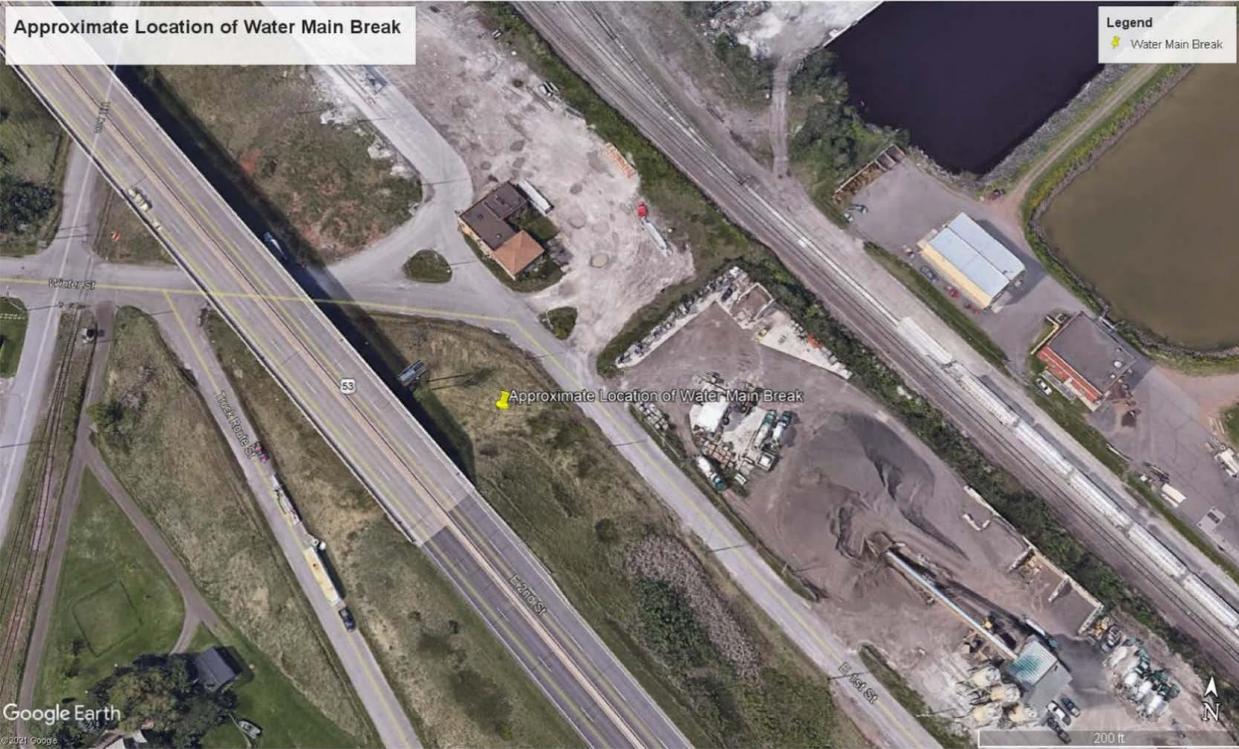
Soil samples were collected from the excavated spoils pile. Sampling was performed at 14:55 using a four point composite method from the four corners of the spoils pile. The collected material was homogenized and then collected into lab provided sample containers to be analyzed for VOC 8260, PAH 8270, and VOC toxicity characteristic leaching procedure (TCLP).

Trip blank samples were also collected at 14:55 consisting of a water matrix and analyzed for VOC 8260.

Samples were immediately placed on ice in a lab provided cooler. After sampling was completed a signed chain of custody sealed and placed in the cooler, custody seals were signed and dated and placed on the cooler, and the cooler was taped up and secured. Samples were then dropped off and relinquished at FedEx Ship Center in Duluth, MN for next day delivery to Pace Analytical in Green Bay, WI. Samples were received by Pace Analytical on March 5, 2021 at 10:00 and in acceptable condition. Analytical results are included as Attachment 3.

The excavated soil pit surrounding the repaired water main utility line was filled in with trucked-in fill material. Excavated spoils were trucked and disposed of at the Shamrock Landfill facility located in Cloquet, MN.

Attachment 1
Location of Water Main Break



Attachment 2
Photographic Log

Photo No. 1	Date: 3/4/2021	
Direction Photo Taken: West		
Photo Taken By: JRK3		
Description: Excavated pit surrounding repaired section of the water main utility line.		

Photo No. 2	Date: 3/4/2021	
Direction Photo Taken: Southwest		
Photo Taken By: JRK3		
Description: Excavated pit surrounding repaired section of the water main utility line. Waste water samples were collected from pit.		

Photo No. 3	Date: 3/4/2021	
Direction Photo Taken: Northwest		
Photo Taken By: JRK3		
Description: Excavated spoils material pile. A 4 point composite soil sample was collected from the pile. Each soil sampling point was located at each corner of the pile.		

Photo No. 4	Date: 3/4/2021	
Direction Photo Taken: Southwest		
Photo Taken By: JRK3		
Description: Excavated spoils material pile.		

Photo No. 5	Date: 3/4/2021
Direction Photo Taken: Southwest	
Photo Taken By: JRK3	
Description: Filled in excavation area flagged near monitoring well.	



Attachment 3
Analytical Results

March 05, 2021

Erin Hughes
Foth Infrastructure & Environment
2121 Innovation Court
Suite 300
De Pere, WI 54115

RE: Project: SUPERIOR WLP 18S024
Pace Project No.: 40222925

Dear Erin Hughes:

Enclosed are the analytical results for sample(s) received by the laboratory on March 05, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

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

- Pace Analytical Services - Green Bay

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

Sincerely,



Tod Noltemeyer
tod.noltemeyer@pacelabs.com
(920)469-2436
Project Manager

Enclosures

cc: Heather Hallett, Foth Infrastructure & Environment
Brian Hanks, Foth Infrastructure & Environment
John Kamps, Foth Infrastructure & Environment



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: SUPERIOR WLP 18S024

Pace Project No.: 40222925

Pace Analytical Services Green Bay

1241 Bellevue Street, Green Bay, WI 54302

Florida/NELAP Certification #: E87948

Illinois Certification #: 200050

Kentucky UST Certification #: 82

Louisiana Certification #: 04168

Minnesota Certification #: 055-999-334

New York Certification #: 12064

North Dakota Certification #: R-150

Virginia VELAP ID: 460263

South Carolina Certification #: 83006001

Texas Certification #: T104704529-14-1

Wisconsin Certification #: 405132750

Wisconsin DATCP Certification #: 105-444

USDA Soil Permit #: P330-16-00157

Federal Fish & Wildlife Permit #: LE51774A-0

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: SUPERIOR WLP 18S024

Pace Project No.: 40222925

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40222925001	WW-Watermain_03042021	Water	03/04/21 14:00	03/05/21 10:00
40222925002	SO-Watermain_03042021	Solid	03/04/21 14:55	03/05/21 10:00
40222925003	TB_03042021	Water	03/04/21 14:55	03/05/21 10:00

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SAMPLE ANALYTE COUNT

Project: SUPERIOR WLP 18S024

Pace Project No.: 40222925

Lab ID	Sample ID	Method	Analysts	Analytes Reported
40222925001	WW-Watermain_03042021	EPA 8270E by SIM	JJB	20
		EPA 8260	LAP	20
40222925002	SO-Watermain_03042021	EPA 8270E by SIM	JJB	21
		EPA 8260	MDS	20
		ASTM D2974-87	AH	1
40222925003	TB_03042021	EPA 8260	LAP	20

PASI-G = Pace Analytical Services - Green Bay

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SUMMARY OF DETECTION

Project: SUPERIOR WLP 18S024

Pace Project No.: 40222925

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40222925001	WW-Watermain_03042021					
EPA 8270E by SIM	1-Methylnaphthalene	0.031	ug/L	0.027	03/05/21 12:29	
EPA 8270E by SIM	2-Methylnaphthalene	0.037	ug/L	0.022	03/05/21 12:29	
EPA 8270E by SIM	Benzo(a)anthracene	0.0095J	ug/L	0.034	03/05/21 12:29	
EPA 8270E by SIM	Benzo(b)fluoranthene	0.0069J	ug/L	0.026	03/05/21 12:29	
EPA 8270E by SIM	Fluoranthene	0.018J	ug/L	0.048	03/05/21 12:29	
EPA 8270E by SIM	Naphthalene	0.070J	ug/L	0.083	03/05/21 12:29	
EPA 8270E by SIM	Pyrene	0.018J	ug/L	0.035	03/05/21 12:29	
EPA 8260	Benzene	16.1	ug/L	1.0	03/05/21 11:35	
EPA 8260	Toluene	0.38J	ug/L	1.0	03/05/21 11:35	
40222925002	SO-Watermain_03042021					
EPA 8270E by SIM	1-Methylnaphthalene	49.1	ug/kg	23.3	03/05/21 11:18	
EPA 8270E by SIM	2-Methylnaphthalene	63.8	ug/kg	23.3	03/05/21 11:18	
EPA 8270E by SIM	Acenaphthene	4.5J	ug/kg	23.3	03/05/21 11:18	
EPA 8270E by SIM	Acenaphthylene	8.5J	ug/kg	23.3	03/05/21 11:18	
EPA 8270E by SIM	Anthracene	9.6J	ug/kg	23.3	03/05/21 11:18	
EPA 8270E by SIM	Benzo(a)anthracene	21.6J	ug/kg	23.3	03/05/21 11:18	
EPA 8270E by SIM	Benzo(a)pyrene	15.1J	ug/kg	23.3	03/05/21 11:18	
EPA 8270E by SIM	Benzo(b)fluoranthene	23.9	ug/kg	23.3	03/05/21 11:18	
EPA 8270E by SIM	Benzo(e)pyrene	14.2J	ug/kg	23.3	03/05/21 11:18	
EPA 8270E by SIM	Benzo(g,h,i)perylene	12.1J	ug/kg	23.3	03/05/21 11:18	
EPA 8270E by SIM	Benzo(k)fluoranthene	8.7J	ug/kg	23.3	03/05/21 11:18	
EPA 8270E by SIM	Chrysene	26.2	ug/kg	23.3	03/05/21 11:18	
EPA 8270E by SIM	Fluoranthene	60.1	ug/kg	23.3	03/05/21 11:18	
EPA 8270E by SIM	Fluorene	4.7J	ug/kg	23.3	03/05/21 11:18	
EPA 8270E by SIM	Indeno(1,2,3-cd)pyrene	9.1J	ug/kg	23.3	03/05/21 11:18	
EPA 8270E by SIM	Naphthalene	73.0	ug/kg	23.3	03/05/21 11:18	
EPA 8270E by SIM	Phenanthrene	50.3	ug/kg	23.3	03/05/21 11:18	
EPA 8270E by SIM	Pyrene	45.5	ug/kg	23.3	03/05/21 11:18	
ASTM D2974-87	Percent Moisture	28.3	%	0.10	03/05/21 10:17	

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PROJECT NARRATIVE

Project: SUPERIOR WLP 18S024

Pace Project No.: 40222925

Method: EPA 8270E by SIM

Description: 8270E MSSV PAH by SIM

Client: FOTH INFRASTRUCTURE & ENVIRONMENT

Date: March 05, 2021

General Information:

1 sample was analyzed for EPA 8270E by SIM by Pace Analytical Services Green Bay. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:

The samples were prepared in accordance with EPA 3546 with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):

All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:

All criteria were within method requirements with any exceptions noted below.

Internal Standards:

All internal standards were within QC limits with any exceptions noted below.

Surrogates:

All surrogates were within QC limits with any exceptions noted below.

Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Additional Comments:

REPORT OF LABORATORY ANALYSIS

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PROJECT NARRATIVE

Project: SUPERIOR WLP 18S024

Pace Project No.: 40222925

Method: EPA 8270E by SIM

Description: 8270E MSSV PAH

Client: FOTH INFRASTRUCTURE & ENVIRONMENT

Date: March 05, 2021

General Information:

1 sample was analyzed for EPA 8270E by SIM by Pace Analytical Services Green Bay. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:

The samples were prepared in accordance with EPA 3510 with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):

All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:

All criteria were within method requirements with any exceptions noted below.

Internal Standards:

All internal standards were within QC limits with any exceptions noted below.

Surrogates:

All surrogates were within QC limits with any exceptions noted below.

Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

QC Batch: 379015

L2: Analyte recovery in the laboratory control sample (LCS) was below QC limits. Results may be biased low.

- LCS (Lab ID: 2186407)
- Benzo(a)pyrene

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Additional Comments:

REPORT OF LABORATORY ANALYSIS

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PROJECT NARRATIVE

Project: SUPERIOR WLP 18S024

Pace Project No.: 40222925

Method: EPA 8260

Description: 8260 MSV Med Level Normal List

Client: FOTH INFRASTRUCTURE & ENVIRONMENT

Date: March 05, 2021

General Information:

1 sample was analyzed for EPA 8260 by Pace Analytical Services Green Bay. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:

The samples were prepared in accordance with EPA 5035/5030B with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):

All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:

All criteria were within method requirements with any exceptions noted below.

Internal Standards:

All internal standards were within QC limits with any exceptions noted below.

Surrogates:

All surrogates were within QC limits with any exceptions noted below.

Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Additional Comments:

REPORT OF LABORATORY ANALYSIS

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PROJECT NARRATIVE

Project: SUPERIOR WLP 18S024

Pace Project No.: 40222925

Method: EPA 8260

Description: 8260 MSV

Client: FOTH INFRASTRUCTURE & ENVIRONMENT

Date: March 05, 2021

General Information:

2 samples were analyzed for EPA 8260 by Pace Analytical Services Green Bay. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):

All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:

All criteria were within method requirements with any exceptions noted below.

Internal Standards:

All internal standards were within QC limits with any exceptions noted below.

Surrogates:

All surrogates were within QC limits with any exceptions noted below.

Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Additional Comments:

This data package has been reviewed for quality and completeness and is approved for release.

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: SUPERIOR WLP 18S024

Pace Project No.: 40222925

Sample: **WW-Watermain_03042021** Lab ID: **40222925001** Collected: 03/04/21 14:00 Received: 03/05/21 10:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV PAH									
Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3510									
Pace Analytical Services - Green Bay									
1-Methylnaphthalene	0.031	ug/L	0.027	0.0054	1	03/05/21 08:18	03/05/21 12:29	90-12-0	
2-Methylnaphthalene	0.037	ug/L	0.022	0.0045	1	03/05/21 08:18	03/05/21 12:29	91-57-6	
Acenaphthene	<0.0055	ug/L	0.028	0.0055	1	03/05/21 08:18	03/05/21 12:29	83-32-9	
Acenaphthylene	<0.0045	ug/L	0.023	0.0045	1	03/05/21 08:18	03/05/21 12:29	208-96-8	
Anthracene	<0.0095	ug/L	0.048	0.0095	1	03/05/21 08:18	03/05/21 12:29	120-12-7	
Benzo(a)anthracene	0.0095J	ug/L	0.034	0.0069	1	03/05/21 08:18	03/05/21 12:29	56-55-3	
Benzo(a)pyrene	<0.0096	ug/L	0.048	0.0096	1	03/05/21 08:18	03/05/21 12:29	50-32-8	L2
Benzo(b)fluoranthene	0.0069J	ug/L	0.026	0.0052	1	03/05/21 08:18	03/05/21 12:29	205-99-2	
Benzo(g,h,i)perylene	<0.0062	ug/L	0.031	0.0062	1	03/05/21 08:18	03/05/21 12:29	191-24-2	
Benzo(k)fluoranthene	<0.0069	ug/L	0.034	0.0069	1	03/05/21 08:18	03/05/21 12:29	207-08-9	
Chrysene	<0.012	ug/L	0.059	0.012	1	03/05/21 08:18	03/05/21 12:29	218-01-9	
Dibenz(a,h)anthracene	<0.0091	ug/L	0.046	0.0091	1	03/05/21 08:18	03/05/21 12:29	53-70-3	
Fluoranthene	0.018J	ug/L	0.048	0.0097	1	03/05/21 08:18	03/05/21 12:29	206-44-0	
Fluorene	<0.0072	ug/L	0.036	0.0072	1	03/05/21 08:18	03/05/21 12:29	86-73-7	
Indeno(1,2,3-cd)pyrene	<0.016	ug/L	0.080	0.016	1	03/05/21 08:18	03/05/21 12:29	193-39-5	
Naphthalene	0.070J	ug/L	0.083	0.017	1	03/05/21 08:18	03/05/21 12:29	91-20-3	
Phenanthrene	<0.013	ug/L	0.063	0.013	1	03/05/21 08:18	03/05/21 12:29	85-01-8	
Pyrene	0.018J	ug/L	0.035	0.0070	1	03/05/21 08:18	03/05/21 12:29	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	51	%	39-120		1	03/05/21 08:18	03/05/21 12:29	321-60-8	
Terphenyl-d14 (S)	46	%	10-159		1	03/05/21 08:18	03/05/21 12:29	1718-51-0	
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,2-Trichloroethane	<0.55	ug/L	5.0	0.55	1		03/05/21 11:35	79-00-5	
1,2,4-Trimethylbenzene	<0.84	ug/L	2.8	0.84	1		03/05/21 11:35	95-63-6	
1,3,5-Trimethylbenzene	<0.87	ug/L	2.9	0.87	1		03/05/21 11:35	108-67-8	
Acetone	<2.7	ug/L	20.0	2.7	1		03/05/21 11:35	67-64-1	
Benzene	16.1	ug/L	1.0	0.25	1		03/05/21 11:35	71-43-2	
Chloromethane	<2.2	ug/L	7.3	2.2	1		03/05/21 11:35	74-87-3	
Ethylbenzene	<0.32	ug/L	1.1	0.32	1		03/05/21 11:35	100-41-4	
Isopropylbenzene (Cumene)	<1.7	ug/L	5.6	1.7	1		03/05/21 11:35	98-82-8	
Naphthalene	<1.2	ug/L	5.0	1.2	1		03/05/21 11:35	91-20-3	
Styrene	<3.0	ug/L	10.0	3.0	1		03/05/21 11:35	100-42-5	
Toluene	0.38J	ug/L	1.0	0.27	1		03/05/21 11:35	108-88-3	
m&p-Xylene	<0.47	ug/L	2.0	0.47	1		03/05/21 11:35	179601-23-1	
n-Butylbenzene	<0.71	ug/L	2.4	0.71	1		03/05/21 11:35	104-51-8	
n-Propylbenzene	<0.81	ug/L	5.0	0.81	1		03/05/21 11:35	103-65-1	
o-Xylene	<0.26	ug/L	1.0	0.26	1		03/05/21 11:35	95-47-6	
p-Isopropyltoluene	<0.80	ug/L	2.7	0.80	1		03/05/21 11:35	99-87-6	
sec-Butylbenzene	<0.85	ug/L	5.0	0.85	1		03/05/21 11:35	135-98-8	
Surrogates									
4-Bromofluorobenzene (S)	98	%	70-130		1		03/05/21 11:35	460-00-4	
Dibromofluoromethane (S)	124	%	70-130		1		03/05/21 11:35	1868-53-7	
Toluene-d8 (S)	106	%	70-130		1		03/05/21 11:35	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: SUPERIOR WLP 18S024
Pace Project No.: 40222925

Sample: SO-Watermain_03042021 Lab ID: 40222925002 Collected: 03/04/21 14:55 Received: 03/05/21 10:00 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV PAH by SIM									
Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Green Bay									
1-Methylnaphthalene	49.1	ug/kg	23.3	3.4	1	03/05/21 07:58	03/05/21 11:18	90-12-0	
2-Methylnaphthalene	63.8	ug/kg	23.3	3.4	1	03/05/21 07:58	03/05/21 11:18	91-57-6	
Acenaphthene	4.5J	ug/kg	23.3	3.0	1	03/05/21 07:58	03/05/21 11:18	83-32-9	
Acenaphthylene	8.5J	ug/kg	23.3	2.9	1	03/05/21 07:58	03/05/21 11:18	208-96-8	
Anthracene	9.6J	ug/kg	23.3	2.9	1	03/05/21 07:58	03/05/21 11:18	120-12-7	
Benzo(a)anthracene	21.6J	ug/kg	23.3	3.0	1	03/05/21 07:58	03/05/21 11:18	56-55-3	
Benzo(a)pyrene	15.1J	ug/kg	23.3	2.6	1	03/05/21 07:58	03/05/21 11:18	50-32-8	
Benzo(b)fluoranthene	23.9	ug/kg	23.3	3.2	1	03/05/21 07:58	03/05/21 11:18	205-99-2	
Benzo(e)pyrene	14.2J	ug/kg	23.3	2.7	1	03/05/21 07:58	03/05/21 11:18	192-97-2	
Benzo(g,h,i)perylene	12.1J	ug/kg	23.3	4.1	1	03/05/21 07:58	03/05/21 11:18	191-24-2	
Benzo(k)fluoranthene	8.7J	ug/kg	23.3	3.0	1	03/05/21 07:58	03/05/21 11:18	207-08-9	
Chrysene	26.2	ug/kg	23.3	4.4	1	03/05/21 07:58	03/05/21 11:18	218-01-9	
Dibenz(a,h)anthracene	<3.2	ug/kg	23.3	3.2	1	03/05/21 07:58	03/05/21 11:18	53-70-3	
Fluoranthene	60.1	ug/kg	23.3	2.8	1	03/05/21 07:58	03/05/21 11:18	206-44-0	
Fluorene	4.7J	ug/kg	23.3	2.8	1	03/05/21 07:58	03/05/21 11:18	86-73-7	
Indeno(1,2,3-cd)pyrene	9.1J	ug/kg	23.3	4.9	1	03/05/21 07:58	03/05/21 11:18	193-39-5	
Naphthalene	73.0	ug/kg	23.3	2.3	1	03/05/21 07:58	03/05/21 11:18	91-20-3	
Phenanthrene	50.3	ug/kg	23.3	2.7	1	03/05/21 07:58	03/05/21 11:18	85-01-8	
Pyrene	45.5	ug/kg	23.3	3.4	1	03/05/21 07:58	03/05/21 11:18	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	71	%	17-100		1	03/05/21 07:58	03/05/21 11:18	321-60-8	
Terphenyl-d14 (S)	49	%	17-98		1	03/05/21 07:58	03/05/21 11:18	1718-51-0	
8260 MSV Med Level Normal List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
1,1,2-Trichloroethane	<31.7	ug/kg	87.0	31.7	1	03/05/21 11:00	03/05/21 11:35	79-00-5	
1,2,4-Trimethylbenzene	<25.9	ug/kg	87.0	25.9	1	03/05/21 11:00	03/05/21 11:35	95-63-6	
1,3,5-Trimethylbenzene	<28.0	ug/kg	87.0	28.0	1	03/05/21 11:00	03/05/21 11:35	108-67-8	
Acetone	<229	ug/kg	2170	229	1	03/05/21 11:00	03/05/21 11:35	67-64-1	
Benzene	<20.7	ug/kg	34.8	20.7	1	03/05/21 11:00	03/05/21 11:35	71-43-2	
Chloromethane	<33.0	ug/kg	87.0	33.0	1	03/05/21 11:00	03/05/21 11:35	74-87-3	
Ethylbenzene	<20.7	ug/kg	87.0	20.7	1	03/05/21 11:00	03/05/21 11:35	100-41-4	
Isopropylbenzene (Cumene)	<23.5	ug/kg	87.0	23.5	1	03/05/21 11:00	03/05/21 11:35	98-82-8	
Naphthalene	<27.1	ug/kg	435	27.1	1	03/05/21 11:00	03/05/21 11:35	91-20-3	
Styrene	<22.3	ug/kg	87.0	22.3	1	03/05/21 11:00	03/05/21 11:35	100-42-5	
Toluene	<21.9	ug/kg	87.0	21.9	1	03/05/21 11:00	03/05/21 11:35	108-88-3	
m&p-Xylene	<36.7	ug/kg	174	36.7	1	03/05/21 11:00	03/05/21 11:35	179601-23-1	
n-Butylbenzene	<39.8	ug/kg	87.0	39.8	1	03/05/21 11:00	03/05/21 11:35	104-51-8	
n-Propylbenzene	<20.9	ug/kg	87.0	20.9	1	03/05/21 11:00	03/05/21 11:35	103-65-1	
o-Xylene	<26.1	ug/kg	87.0	26.1	1	03/05/21 11:00	03/05/21 11:35	95-47-6	
p-Isopropyltoluene	<26.4	ug/kg	87.0	26.4	1	03/05/21 11:00	03/05/21 11:35	99-87-6	
sec-Butylbenzene	<21.2	ug/kg	87.0	21.2	1	03/05/21 11:00	03/05/21 11:35	135-98-8	
Surrogates									
Toluene-d8 (S)	121	%	56-140		1	03/05/21 11:00	03/05/21 11:35	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: SUPERIOR WLP 18S024

Pace Project No.: 40222925

Sample: SO-Watermain_03042021 Lab ID: 40222925002 Collected: 03/04/21 14:55 Received: 03/05/21 10:00 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B Pace Analytical Services - Green Bay								
Surrogates									
4-Bromofluorobenzene (S)	129	%	52-137		1	03/05/21 11:00	03/05/21 11:35	460-00-4	
1,2-Dichlorobenzene-d4 (S)	144	%	50-150		1	03/05/21 11:00	03/05/21 11:35	2199-69-1	
Percent Moisture									
Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay									
Percent Moisture	28.3	%	0.10	0.10	1		03/05/21 10:17		

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ANALYTICAL RESULTS

Project: SUPERIOR WLP 18S024
Pace Project No.: 40222925

Sample: TB_03042021 **Lab ID: 40222925003** Collected: 03/04/21 14:55 Received: 03/05/21 10:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,2-Trichloroethane	<0.55	ug/L	5.0	0.55	1		03/05/21 11:13	79-00-5	
1,2,4-Trimethylbenzene	<0.84	ug/L	2.8	0.84	1		03/05/21 11:13	95-63-6	
1,3,5-Trimethylbenzene	<0.87	ug/L	2.9	0.87	1		03/05/21 11:13	108-67-8	
Acetone	<2.7	ug/L	20.0	2.7	1		03/05/21 11:13	67-64-1	
Benzene	<0.25	ug/L	1.0	0.25	1		03/05/21 11:13	71-43-2	
Chloromethane	<2.2	ug/L	7.3	2.2	1		03/05/21 11:13	74-87-3	
Ethylbenzene	<0.32	ug/L	1.1	0.32	1		03/05/21 11:13	100-41-4	
Isopropylbenzene (Cumene)	<1.7	ug/L	5.6	1.7	1		03/05/21 11:13	98-82-8	
Naphthalene	<1.2	ug/L	5.0	1.2	1		03/05/21 11:13	91-20-3	
Styrene	<3.0	ug/L	10.0	3.0	1		03/05/21 11:13	100-42-5	
Toluene	<0.27	ug/L	1.0	0.27	1		03/05/21 11:13	108-88-3	
m&p-Xylene	<0.47	ug/L	2.0	0.47	1		03/05/21 11:13	179601-23-1	
n-Butylbenzene	<0.71	ug/L	2.4	0.71	1		03/05/21 11:13	104-51-8	
n-Propylbenzene	<0.81	ug/L	5.0	0.81	1		03/05/21 11:13	103-65-1	
o-Xylene	<0.26	ug/L	1.0	0.26	1		03/05/21 11:13	95-47-6	
p-Isopropyltoluene	<0.80	ug/L	2.7	0.80	1		03/05/21 11:13	99-87-6	
sec-Butylbenzene	<0.85	ug/L	5.0	0.85	1		03/05/21 11:13	135-98-8	
Surrogates									
4-Bromofluorobenzene (S)	97	%	70-130		1		03/05/21 11:13	460-00-4	
Dibromofluoromethane (S)	121	%	70-130		1		03/05/21 11:13	1868-53-7	
Toluene-d8 (S)	105	%	70-130		1		03/05/21 11:13	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: SUPERIOR WLP 18S024
Pace Project No.: 40222925

QC Batch: 379034 Analysis Method: EPA 8260
QC Batch Method: EPA 5035/5030B Analysis Description: 8260 MSV Med Level Normal List
Laboratory: Pace Analytical Services - Green Bay

Associated Lab Samples: 40222925002

METHOD BLANK: 2186474 Matrix: Solid
Associated Lab Samples: 40222925002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,2-Trichloroethane	ug/kg	<18.2	50.0	03/05/21 11:12	
1,2,4-Trimethylbenzene	ug/kg	<14.9	50.0	03/05/21 11:12	
1,3,5-Trimethylbenzene	ug/kg	<16.1	50.0	03/05/21 11:12	
Acetone	ug/kg	<132	1250	03/05/21 11:12	
Benzene	ug/kg	<11.9	20.0	03/05/21 11:12	
Chloromethane	ug/kg	<19.0	50.0	03/05/21 11:12	
Ethylbenzene	ug/kg	<11.9	50.0	03/05/21 11:12	
Isopropylbenzene (Cumene)	ug/kg	<13.5	50.0	03/05/21 11:12	
m&p-Xylene	ug/kg	<21.1	100	03/05/21 11:12	
n-Butylbenzene	ug/kg	<22.9	50.0	03/05/21 11:12	
n-Propylbenzene	ug/kg	<12.0	50.0	03/05/21 11:12	
Naphthalene	ug/kg	<15.6	250	03/05/21 11:12	
o-Xylene	ug/kg	<15.0	50.0	03/05/21 11:12	
p-Isopropyltoluene	ug/kg	<15.2	50.0	03/05/21 11:12	
sec-Butylbenzene	ug/kg	<12.2	50.0	03/05/21 11:12	
Styrene	ug/kg	<12.8	50.0	03/05/21 11:12	
Toluene	ug/kg	<12.6	50.0	03/05/21 11:12	
1,2-Dichlorobenzene-d4 (S)	%	106	50-150	03/05/21 11:12	
4-Bromofluorobenzene (S)	%	92	52-137	03/05/21 11:12	
Toluene-d8 (S)	%	94	56-140	03/05/21 11:12	

LABORATORY CONTROL SAMPLE: 2186475

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,2-Trichloroethane	ug/kg	2500	2270	91	70-130	
Benzene	ug/kg	2500	2380	95	70-130	
Chloromethane	ug/kg	2500	2250	90	45-120	
Ethylbenzene	ug/kg	2500	2410	97	80-120	
Isopropylbenzene (Cumene)	ug/kg	2500	2430	97	70-130	
m&p-Xylene	ug/kg	5000	4930	99	70-130	
o-Xylene	ug/kg	2500	2350	94	70-130	
Styrene	ug/kg	2500	2430	97	70-130	
Toluene	ug/kg	2500	2380	95	80-120	
1,2-Dichlorobenzene-d4 (S)	%			110	50-150	
4-Bromofluorobenzene (S)	%			97	52-137	
Toluene-d8 (S)	%			92	56-140	

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QUALITY CONTROL DATA

Project: SUPERIOR WLP 18S024
Pace Project No.: 40222925

QC Batch: 378980 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV
Laboratory: Pace Analytical Services - Green Bay

Associated Lab Samples: 40222925001, 40222925003

METHOD BLANK: 2186240 Matrix: Water
Associated Lab Samples: 40222925001, 40222925003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,2-Trichloroethane	ug/L	<0.55	5.0	03/05/21 08:35	
1,2,4-Trimethylbenzene	ug/L	<0.84	2.8	03/05/21 08:35	
1,3,5-Trimethylbenzene	ug/L	<0.87	2.9	03/05/21 08:35	
Acetone	ug/L	<2.7	20.0	03/05/21 08:35	
Benzene	ug/L	<0.25	1.0	03/05/21 08:35	
Chloromethane	ug/L	<2.2	7.3	03/05/21 08:35	
Ethylbenzene	ug/L	<0.32	1.1	03/05/21 08:35	
Isopropylbenzene (Cumene)	ug/L	<1.7	5.6	03/05/21 08:35	
m&p-Xylene	ug/L	<0.47	2.0	03/05/21 08:35	
n-Butylbenzene	ug/L	<0.71	2.4	03/05/21 08:35	
n-Propylbenzene	ug/L	<0.81	5.0	03/05/21 08:35	
Naphthalene	ug/L	<1.2	5.0	03/05/21 08:35	
o-Xylene	ug/L	<0.26	1.0	03/05/21 08:35	
p-Isopropyltoluene	ug/L	<0.80	2.7	03/05/21 08:35	
sec-Butylbenzene	ug/L	<0.85	5.0	03/05/21 08:35	
Styrene	ug/L	<3.0	10.0	03/05/21 08:35	
Toluene	ug/L	<0.27	1.0	03/05/21 08:35	
4-Bromofluorobenzene (S)	%	98	70-130	03/05/21 08:35	
Dibromofluoromethane (S)	%	119	70-130	03/05/21 08:35	
Toluene-d8 (S)	%	105	70-130	03/05/21 08:35	

LABORATORY CONTROL SAMPLE: 2186241

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,2-Trichloroethane	ug/L	50	54.0	108	70-130	
Benzene	ug/L	50	57.9	116	70-132	
Chloromethane	ug/L	50	32.1	64	27-148	
Ethylbenzene	ug/L	50	54.6	109	80-123	
Isopropylbenzene (Cumene)	ug/L	50	53.6	107	70-130	
m&p-Xylene	ug/L	100	108	108	70-130	
o-Xylene	ug/L	50	52.9	106	70-130	
Styrene	ug/L	50	53.5	107	70-130	
Toluene	ug/L	50	53.4	107	80-121	
4-Bromofluorobenzene (S)	%			103	70-130	
Dibromofluoromethane (S)	%			117	70-130	
Toluene-d8 (S)	%			104	70-130	

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QUALITY CONTROL DATA

Project: SUPERIOR WLP 18S024
Pace Project No.: 40222925

QC Batch: 379024 Analysis Method: EPA 8270E by SIM
QC Batch Method: EPA 3546 Analysis Description: 8270E/3546 MSSV PAH by SIM
Laboratory: Pace Analytical Services - Green Bay

Associated Lab Samples: 40222925002

METHOD BLANK: 2186434 Matrix: Solid
Associated Lab Samples: 40222925002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1-Methylnaphthalene	ug/kg	<2.4	16.7	03/05/21 10:23	
2-Methylnaphthalene	ug/kg	<2.4	16.7	03/05/21 10:23	
Acenaphthene	ug/kg	<2.2	16.7	03/05/21 10:23	
Acenaphthylene	ug/kg	<2.1	16.7	03/05/21 10:23	
Anthracene	ug/kg	<2.1	16.7	03/05/21 10:23	
Benzo(a)anthracene	ug/kg	<2.2	16.7	03/05/21 10:23	
Benzo(a)pyrene	ug/kg	<1.9	16.7	03/05/21 10:23	
Benzo(b)fluoranthene	ug/kg	<2.3	16.7	03/05/21 10:23	
Benzo(e)pyrene	ug/kg	<2.0	16.7	03/05/21 10:23	
Benzo(g,h,i)perylene	ug/kg	<2.9	16.7	03/05/21 10:23	
Benzo(k)fluoranthene	ug/kg	<2.1	16.7	03/05/21 10:23	
Chrysene	ug/kg	<3.2	16.7	03/05/21 10:23	
Dibenz(a,h)anthracene	ug/kg	<2.3	16.7	03/05/21 10:23	
Fluoranthene	ug/kg	<2.0	16.7	03/05/21 10:23	
Fluorene	ug/kg	<2.0	16.7	03/05/21 10:23	
Indeno(1,2,3-cd)pyrene	ug/kg	<3.5	16.7	03/05/21 10:23	
Naphthalene	ug/kg	<1.6	16.7	03/05/21 10:23	
Phenanthrene	ug/kg	<1.9	16.7	03/05/21 10:23	
Pyrene	ug/kg	<2.5	16.7	03/05/21 10:23	
2-Fluorobiphenyl (S)	%	72	17-100	03/05/21 10:23	
Terphenyl-d14 (S)	%	97	17-98	03/05/21 10:23	

LABORATORY CONTROL SAMPLE: 2186435

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	ug/kg	334	235	70	58-101	
2-Methylnaphthalene	ug/kg	334	227	68	59-101	
Acenaphthene	ug/kg	334	244	73	62-97	
Acenaphthylene	ug/kg	334	240	72	67-102	
Anthracene	ug/kg	334	290	87	69-120	
Benzo(a)anthracene	ug/kg	334	264	79	59-101	
Benzo(a)pyrene	ug/kg	334	304	91	70-110	
Benzo(b)fluoranthene	ug/kg	334	291	87	66-111	
Benzo(e)pyrene	ug/kg	334	298	89	56-116	
Benzo(g,h,i)perylene	ug/kg	334	306	92	64-106	
Benzo(k)fluoranthene	ug/kg	334	309	93	65-108	
Chrysene	ug/kg	334	304	91	61-102	
Dibenz(a,h)anthracene	ug/kg	334	321	96	64-120	
Fluoranthene	ug/kg	334	314	94	69-120	

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QUALITY CONTROL DATA

Project: SUPERIOR WLP 18S024
Pace Project No.: 40222925

LABORATORY CONTROL SAMPLE: 2186435

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Fluorene	ug/kg	334	257	77	70-99	
Indeno(1,2,3-cd)pyrene	ug/kg	334	315	95	66-120	
Naphthalene	ug/kg	334	225	67	60-95	
Phenanthrene	ug/kg	334	280	84	66-98	
Pyrene	ug/kg	334	266	80	63-120	
2-Fluorobiphenyl (S)	%			68	17-100	
Terphenyl-d14 (S)	%			86	17-98	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2186436 2186437

Parameter	Units	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual	
		40222865001 Result	Spike Conc.	Spike Conc.	MS Result							MSD Result
1-Methylnaphthalene	ug/kg	<3.0	414	415	265	291	64	70	48-101	9	25	
2-Methylnaphthalene	ug/kg	<3.0	414	415	258	291	62	70	46-101	12	21	
Acenaphthene	ug/kg	<2.7	414	415	287	295	69	71	52-97	3	20	
Acenaphthylene	ug/kg	<2.6	414	415	283	295	68	71	51-102	4	20	
Anthracene	ug/kg	<2.6	414	415	306	325	74	78	54-120	6	20	
Benzo(a)anthracene	ug/kg	<2.7	414	415	279	280	67	68	34-101	1	22	
Benzo(a)pyrene	ug/kg	<2.4	414	415	307	310	74	75	46-110	1	25	
Benzo(b)fluoranthene	ug/kg	<2.9	414	415	283	312	68	75	40-111	10	23	
Benzo(e)pyrene	ug/kg	<2.4	414	415	300	302	72	73	21-122	1	23	
Benzo(g,h,i)perylene	ug/kg	<3.6	414	415	294	316	71	76	40-120	7	24	
Benzo(k)fluoranthene	ug/kg	<2.7	414	415	326	283	79	68	47-108	14	24	
Chrysene	ug/kg	<3.9	414	415	311	314	75	76	35-115	1	20	
Dibenz(a,h)anthracene	ug/kg	<2.9	414	415	325	333	78	80	46-120	2	21	
Fluoranthene	ug/kg	<2.5	414	415	313	315	76	76	52-120	0	23	
Fluorene	ug/kg	<2.5	414	415	296	305	71	73	54-99	3	20	
Indeno(1,2,3-cd)pyrene	ug/kg	<4.3	414	415	318	321	77	77	46-120	1	22	
Naphthalene	ug/kg	2.7J	414	415	263	293	63	70	46-95	11	23	
Phenanthrene	ug/kg	<2.4	414	415	303	313	73	75	51-98	3	20	
Pyrene	ug/kg	<3.1	414	415	286	284	69	68	46-120	1	24	
2-Fluorobiphenyl (S)	%						64	64	17-100			
Terphenyl-d14 (S)	%						67	69	17-98			

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

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
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QUALITY CONTROL DATA

Project: SUPERIOR WLP 18S024
Pace Project No.: 40222925

QC Batch: 379015 Analysis Method: EPA 8270E by SIM
QC Batch Method: EPA 3510 Analysis Description: 8270E Water PAH
Laboratory: Pace Analytical Services - Green Bay

Associated Lab Samples: 40222925001

METHOD BLANK: 2186406 Matrix: Water
Associated Lab Samples: 40222925001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1-Methylnaphthalene	ug/L	<0.0059	0.030	03/05/21 11:51	
2-Methylnaphthalene	ug/L	<0.0049	0.024	03/05/21 11:51	
Acenaphthene	ug/L	<0.0061	0.030	03/05/21 11:51	
Acenaphthylene	ug/L	<0.0050	0.025	03/05/21 11:51	
Anthracene	ug/L	<0.010	0.052	03/05/21 11:51	
Benzo(a)anthracene	ug/L	<0.0076	0.038	03/05/21 11:51	
Benzo(a)pyrene	ug/L	<0.011	0.053	03/05/21 11:51	
Benzo(b)fluoranthene	ug/L	<0.0057	0.029	03/05/21 11:51	
Benzo(g,h,i)perylene	ug/L	<0.0068	0.034	03/05/21 11:51	
Benzo(k)fluoranthene	ug/L	<0.0076	0.038	03/05/21 11:51	
Chrysene	ug/L	<0.013	0.065	03/05/21 11:51	
Dibenz(a,h)anthracene	ug/L	<0.010	0.050	03/05/21 11:51	
Fluoranthene	ug/L	<0.011	0.053	03/05/21 11:51	
Fluorene	ug/L	<0.0080	0.040	03/05/21 11:51	
Indeno(1,2,3-cd)pyrene	ug/L	<0.018	0.088	03/05/21 11:51	
Naphthalene	ug/L	<0.018	0.092	03/05/21 11:51	
Phenanthrene	ug/L	<0.014	0.069	03/05/21 11:51	
Pyrene	ug/L	<0.0076	0.038	03/05/21 11:51	
2-Fluorobiphenyl (S)	%	69	39-120	03/05/21 11:51	
Terphenyl-d14 (S)	%	109	10-159	03/05/21 11:51	

LABORATORY CONTROL SAMPLE: 2186407

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	ug/L	2	1.2	60	37-120	
2-Methylnaphthalene	ug/L	2	1.1	55	38-120	
Acenaphthene	ug/L	2	1.3	65	49-120	
Acenaphthylene	ug/L	2	1.2	62	43-85	
Anthracene	ug/L	2	1.3	67	57-110	
Benzo(a)anthracene	ug/L	2	1.4	69	47-118	
Benzo(a)pyrene	ug/L	2	1.3	65	70-120 L2	
Benzo(b)fluoranthene	ug/L	2	1.4	72	54-97	
Benzo(g,h,i)perylene	ug/L	2	0.76	38	26-74	
Benzo(k)fluoranthene	ug/L	2	1.7	83	73-126	
Chrysene	ug/L	2	1.5	76	75-151	
Dibenz(a,h)anthracene	ug/L	2	0.68	34	13-72	
Fluoranthene	ug/L	2	1.4	70	63-120	
Fluorene	ug/L	2	1.3	64	53-120	
Indeno(1,2,3-cd)pyrene	ug/L	2	1.3	63	51-101	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: SUPERIOR WLP 18S024

Pace Project No.: 40222925

LABORATORY CONTROL SAMPLE: 2186407

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Naphthalene	ug/L	2	1.2	62	41-120	
Phenanthrene	ug/L	2	1.4	72	47-100	
Pyrene	ug/L	2	1.6	79	70-128	
2-Fluorobiphenyl (S)	%			67	39-120	
Terphenyl-d14 (S)	%			87	10-159	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: SUPERIOR WLP 18S024

Pace Project No.: 40222925

QC Batch: 379052

Analysis Method: ASTM D2974-87

QC Batch Method: ASTM D2974-87

Analysis Description: Dry Weight/Percent Moisture

Laboratory: Pace Analytical Services - Green Bay

Associated Lab Samples: 40222925002

SAMPLE DUPLICATE: 2186560

Parameter	Units	40222928001 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	4.1	4.0	1	10	

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REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: SUPERIOR WLP 18S024

Pace Project No.: 40222925

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

L2 Analyte recovery in the laboratory control sample (LCS) was below QC limits. Results may be biased low.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: SUPERIOR WLP 18S024
Pace Project No.: 40222925

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40222925002	SO-Watermain_03042021	EPA 3546	379024	EPA 8270E by SIM	379057
40222925001	WW-Watermain_03042021	EPA 3510	379015	EPA 8270E by SIM	379065
40222925002	SO-Watermain_03042021	EPA 5035/5030B	379034	EPA 8260	379047
40222925001	WW-Watermain_03042021	EPA 8260	378980		
40222925003	TB_03042021	EPA 8260	378980		
40222925002	SO-Watermain_03042021	ASTM D2974-87	379052		

REPORT OF LABORATORY ANALYSIS

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Sample Preservation Receipt Form

Client Name: Foth

Project # 4022925

All containers needing preservation have been checked and noted below: Yes No N/A

Initial when completed:

Date/Time:

Lab Lot# of pH paper:

Lab Std #ID of preservation (if pH adjusted):

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

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

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



Document Name:
 Sample Condition Upon Receipt (SCUR)
 Document No.:
 ENV-FRM-GBAY-0014-Rev.00

Document Revised: 26Mar2020
 Author:
 Pace Green Bay Quality Office

Sample Condition Upon Receipt Form (SCUR)

Project #: _____

Client Name: FOM

WO#: **40222925**

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



Tracking #: 7843 8827 5610

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

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

Packing Material: Bubble Wrap Bubble Bags None Other

Thermometer Used SR - 99 Type of Ice: Wet Blue Dry None Samples on ice, cooling process has begun

Cooler Temperature Uncorr: 0.5 / Corr: 0.5

Person examining contents:
 Date: 3-5-21 / Initials: MR
 Labeled By Initials: MR

Temp Blank Present: yes no Biological Tissue is Frozen: yes no

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

Chain of Custody Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	1.
Chain of Custody Filled Out:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	2. <u>pg #</u> <u>MR 3-5-21</u>
Chain of Custody Relinquished:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	3.
Sampler Name & Signature on COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	4.
Samples Arrived within Hold Time:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	5.
- VOA Samples frozen upon receipt	<input type="checkbox"/> Yes <input type="checkbox"/> No	Date/Time:
Short Hold Time Analysis (<72hr):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	6.
Rush Turn Around Time Requested:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	7.
Sufficient Volume:		8.
For Analysis: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No MS/MSD: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A		
Correct Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	9. <u>client label covering VBAW tare wts</u>
-Pace Containers Used:	<input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	<u>MR 3-5-21</u>
-Pace IR Containers Used:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Containers Intact:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	10.
Filtered volume received for Dissolved tests	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	11.
Sample Labels match COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	12.
-Includes date/time/ID/Analysis Matrix: <u>W+S</u>		
Trip Blank Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	13. <u>water trip blanks only</u> <u>MR 3-5-21</u>
Trip Blank Custody Seals Present	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	
Pace Trip Blank Lot # (if purchased): <u>N/A</u>		

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

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

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



ATTACHMENT B: Waste Profiles, Waste Manifests, & Weight Tickets

P.O. Number	Customer Code	SKB Representative Kyle Backstrom	CL
-------------	---------------	-----------------------------------	----

I. Generator Information

Generator Name: Superior Water Light & Power		Generator EPA ID Number WIR 000 150 185	SIC Code
Generator Location: 1 st Street and Winter Street, Superior, WI 54880	County: Douglas	Generator Contact: Greg Prom	
		Phone: 218-355-3191	Fax:
Generator Mailing Address (if different: SWL&P 2915 Hill Avenue Superior, WI 54880)		Generator Email Address: prom@allete.com	
Bill To Name & Address: Accounts Payable. Same Address	Bill To #:	Billing Contact: Accounts Payable	
		Phone: 218-355-3191	Fax:
Invoice Contact: Greg Prom		Billing Email Address: accountspayable@allete.com	

II. Waste Generation Information

Waste Name: Former MGP Site Soil	Estimated rate of waste generation: 30	<input checked="" type="checkbox"/> one time
		<input type="checkbox"/> yearly
Generator Facility Operations and/or Site History: Former MGP site		
Describe the generating process or source of contaminated soil/debris and/or waste: Soil from a water main break on the site.		

III. Waste Composition and Constituents (list all known)

	Actual Range	
	%	ppm
PAH		<1

IV. Waste Properties

Physical state: <input checked="" type="checkbox"/> Solid <input type="checkbox"/> Liquid <input type="checkbox"/> Sludge <input type="checkbox"/> Gas	Free Liquids: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Content _____%	pH Range: <input type="checkbox"/> <2 <input type="checkbox"/> 2-4 <input checked="" type="checkbox"/> 5-8 <input type="checkbox"/> 8-12.4 <input type="checkbox"/> >12.5	Flash point: <input checked="" type="checkbox"/> ≤ 140°F <input type="checkbox"/> > 140°F to < 200°F <input type="checkbox"/> > 200°F	Color: Dark Brown	Odor (describe): Odorless, some petroleum odor
--	--	--	--	-------------------	---

V. Waste Classification

Waste stream properties (answer ALL questions)	Does this waste contain absorbents? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Does this waste stream contain any D, F, K, U or P listed as hazardous waste, either in pure form, as a mixture, or treatment residue? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Is this waste lethal (by Minn. Rules 7045.0131 Subp. 6)? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Does this waste stream contain PCB material <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If yes, concentration: _____ppm	Is this waste recyclable? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Does this waste stream contain fuming acids? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Is this waste explosive? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Does this waste contain asbestos? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Is this waste infectious? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Does this waste contain oxidizers? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Is this putrescible waste? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Does this waste contain radioactive material? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Is this waste demolition debris? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
	Is this waste sewer sludge? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Please attach any available information or analytical test results that have previously been performed on this waste that substantiates these determinations. Include MSDS's and any information from other agencies (i.e., MPCA, USEPA)	

VI. Shipping Information

Proper DOT Shipping Name (per CFR 172.101) where applicable			
Reportable Quantity	DOT Hazard Class	UN/NA Number	Packing Group
Method of packaging: <input type="checkbox"/> drums (size <u> </u>) <input type="checkbox"/> Bulk Solids <input type="checkbox"/> boxes (size <u> </u>)		Method of shipment <input checked="" type="checkbox"/> Roll-off <input type="checkbox"/> End dump <input type="checkbox"/> Rail <input type="checkbox"/> Other (Specify)	

VII. Certification of Non Hazardous Waste & Approval Conditions

I hereby certify and warrant, on behalf of the generator and myself that, to the best of my knowledge and belief, the information contained herein is accurate, and true and that the waste is nonhazardous as defined in Title 42, United States Code Section 6903, Minnesota Statute Section 116.06, Subdivision 11, and/or any rules adopted by the Minnesota Pollution Control Agency under Minnesota Statute Section 116.07.

I understand that any approval is no longer valid if there are any changes in the process generating the waste or there have been changes in the composition of the waste. Therefore, if the composition of the waste stream changes or potentially changes, I or someone representing the generator, will immediately notify SKB Environmental. I, on behalf of the generator, hereby agree to fully indemnify SKB Environmental for any damages and/or costs incurred as a result of this certification being inaccurate or untrue.

Greg Prom

Senior Environmental Specialist 3/8/2021

Signature

Printed Name

Title

Date

Version 2018



March 09, 2021

Accounts Payable
Superior Water, Light & Power Co
2915 Hill Ave
Superior, WI 54880

RE: CL21-0006 Former MGP Site Soil

Dear Sir/Madam:

This agreement will confirm the price and length of service for disposal and /or transportation of your non-hazardous industrial material at our facility. This agreement is for the term of the Waste Approval granted by Shamrock Landfill and is for all services ordered and performance initiated within such period and does include the disposal surcharge fees which you are obligated to pay as of the date of this agreement. Shamrock Landfill may incur additional costs including but not limited to increases in state and local taxes. Shamrock Landfill may pass these costs on to the customer only after notification to the Customer. This agreement grants Shamrock Landfill the exclusive right to dispose of the referenced waste for the term of this agreement. This agreement shall automatically renew thereafter for an additional term of 24 months "Renewal Term" unless either party gives the other party written notification of termination at least 90 days prior to the termination of the then-existing term. Shamrock Landfill will notify the customer prior to the expiration of the agreement of any rate changes prior to the start of the Renewal Term.

Payment and terms are net thirty (30) days. Interest will be charged at a rate of 1 ½% per month (18% annually) on any unpaid balance 30 days after the date of the invoice. In the event Customer terminates this Agreement prior to its expiration other than as a result of a breach by Shamrock Landfill or Shamrock Landfill terminates this agreement for Customer's breach (including nonpayment) Customer agrees to pay to Shamrock Landfill as liquidated damages a sum calculated as follows: (1) if the remaining term under this agreement is six or more months Customer shall pay its average monthly charges multiplied by six; or (2) if the remaining term under this agreement is less than six months Customer shall pay its average monthly charge multiplied by the number of months remaining in the term. Customer expressly acknowledges that in the event of an unauthorized termination of this agreement the anticipated loss to Shamrock Landfill in such event is estimated to be the amount set forth in the foregoing liquidated damages provision and such estimated value is reasonable and is not imposed as a penalty.

These prices are based on an approved waste stream composition. In the event that a non-conforming waste is received, you will be notified of additional charges, when applicable.

To accept this agreement, please sign one copy and return it to Shamrock Landfill, PO Box 2232, Cloquet, MN 55720 or email to janetb@wasteconnections.com.

Shamrock Landfill

Customer ACCEPTED BY: (name, position) _____

DATE: _____

WASTE APPROVAL Period: 3/9/2021 to 3/4/2023



Notification of Waste Acceptance

3/9/2021

CUSTOMER INFORMATION

Superior Water, Light & Power Co
1ST Street & Winter Street
Superior, WI 54880
Contact: Greg Prom
Phone: (218) 355-3191

INVOICE INFORMATION

Bill #: 2636
Superior Water, Light & Power Co
2915 Hill Ave
Superior, WI 54880
Contact: Accounts Payable
Phone: (218) 355-3191

Waste Stream #: CL21-0006
Waste Name: Former MGP Site Soil

Thank you for selecting SHAMROCK LANDFILL for your waste management requirements. Your waste stream has been reviewed and is acceptable for management at our facility based on the information provided in the profile sheet number listed above and conditions below. Our facility has the necessary permits to allow the storage, treatment, or disposal of this waste. The above referenced acceptance number should be listed on all shipping documents and correspondence. Please retain these documents for your records and future reference.

To schedule a shipment, or should you have any questions, please contact the facility at (218) 878-0112.

ACCEPTANCE INFORMATION

The waste stream identified by the reference above is acceptable for disposal.

This waste is acceptable for delivery beginning on 3/9/2021 thru 3/4/2023 at which time the material will need to be reanalyzed and recertified.

Spill Reporting Reminder: MPCA spill reporting procedures must be followed.

Free Liquid Statement: Free liquids will not be placed in cells at Shamrock Landfill. Free liquids must be solidified either prior to shipment to Shamrock Landfill or at Shamrock Landfill.

Shipping Requirements A NON-HAZARDOUS certificate is required to be on file, certifying the waste is non-hazardous as specified per 40 CFR 261.4. The shipment may be accompanied with an Shamrock Landfill manifest.

AUTHORIZATION

Approval: _____

Date: _____

3-9-21



Bill To Customer

Superior Water, Light & Power Co
2915 Hill Ave
Superior, WI 54880

Service For Generator

Superior Water, Light & Power Co
1ST Street & Winter Street
Superior, WI 54880

Disposal

Waste Description: Former MGP Site Soil

Disposal Method: Secure Non-Hazardous Landfill

Treatment Method: None Expected For Conforming Waste

Pricing

Disposal	\$20.50	Per Ton	Former MGP Site Soil
Transportation	\$201.93	Each	
Miscellaneous	\$75.00	Each	Liner
City Host Fee	\$0.60	Per Ton	
Fuel Surcharge	\$0.717	Per Ton	

We want to assist you with the proper completion of the Shipping Manifest for this waste stream. Based on our analytical data from WS # CL21-0006, we suggest your waste stream should be shipped using the following information...

Non Hazardous Industrial Waste Shamrock Landfill

Shipping Manifest	1. Generator's US EPA ID No. (if any)	2. Page 1 of _____ page(s)
3. Generator's Name and Facility Address Superior Water, Light & Power Co 1ST Street & Winter Street Superior, WI 54880		Mailing Address Superior Water, Light & Power Co 2915 Hill Ave Superior, WI 54880
4. Generator's Phone (218) 355-3191		Fax
5. Transporter 1 Company Name		
Phone: _____		
6. Transporter 2 Company Name		
Phone: _____		
7. Designated Facility Name and Site Address Shamrock Environmental, LLC 761 MN Highway 45 Cloquet, MN 55720		
Phone: 218-878-0112		
8. U.S. DOT Description (including Proper Shipping Name)	9. Containers No. Type	10. Total Quantity
a. Non Hazardous Industrial Waste (Former MGP Site Soil)		
b.		
c.		
d.		
11. Unit Wt/Vol		12. Waste Profile Sheet #
a. CL CL21-0006 Former MGP Site Soil		
b. CL		
c. CL		
d. CL		
13. Additional Descriptions for Materials Listed Above (Indicate waste stream Approval # below)		14. Special Handling Procedures for Wastes Listed Above
15. Special Handling Instructions and Additional Information Emergency Contact: GENERATORS MUST SUPPLY EMERGENCY CONTACT NUMBER!!		Office Use Only: Load # _____
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.		
Printed/Typed Name	Signature	Month Day Year
PLEASE BE SURE GENERATOR HAS SIGNED AND DATED IN THIS SECTION OF THE MANIFEST!!!		
17. Transporter 1 Acknowledged of Receipt of Materials		
Printed/Typed Name	Signature	Month Day Year
18. Transporter 2 Acknowledgement of Receipt of Materials		
Printed/Typed Name	Signature	Month Day Year
19. Discrepancy Indication Space		
20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this Manifest except as noted in Item 16.		
Printed/Typed Name	Signature	Month Day Year

GENERATOR
 TRANSPORTER
 FACILITY

White - Return to Generator Pink - Transporter Canary - Facility Copy Goldenrod - Generator Copy

Print Date: 3/22/2021

Start Date: 3/1/2021

Stop Date: 3/22/2021

Total for Job

BILL TO ACCOUNT

2101 SHAMROCK TRUCKING. LLC

SUPS9

Superior Water, Light & Power

1st St & Winter St

Superior. WI 54880

TICKET	Manifest	DATE	Waste Stream	Waste Name	TONS
65680	70503 WO# 5	3/12/21	21-0006	Former MGP Site Soil	14.73
65685	70504 WO#5	3/12/21	21-0006	Former MGP Site Soil	8.98
65689	70505 WO# 5	3/12/21	21-0006	Former MGP Site Soil	10.66
65694	70506 WO#5	3/12/21	21-0006	Former MGP Site Soil	9.32
65697	70507 WO# 5	3/12/21	21-0006	Former MGP Site Soil	11.61
65834	70508 WO#5	3/19/21	21-0006	Former MGP Site Soil	7.00
65837	70509 WO#5	3/19/21	21-0006	Former MGP Site Soil	9.55
65843	70510 WO#5	3/19/21	21-0006	Former MGP Site Soil	9.36
# of Loads: 8		SUBTOTAL FOR Waste Stream			81.21
GRAND TOTALS					81.21 ✓

Print Date: 3/22/2021

Start Date: 3/19/2021 Stop Date: 3/19/2021

for In: 3/19

BILL TO ACCOUNT

2101 SHAMROCK TRUCKING. LLC

SUPS9

Superior Water, Light & Power

1st St & Winter St

Superior. WI 54880

TICKET	Manifest	DATE	Waste Stream	Waste Name	TONS
65834	70508 WO#5:	3/19/21	21-0006	Former MGP Site Soil	7.00
65837	70509 WO#5:	3/19/21	21-0006	Former MGP Site Soil	9.55
65843	70510 WO#5:	3/19/21	21-0006	Former MGP Site Soil	9.36
	# of Loads: 3			SUBTOTAL FOR Waste Stream	25.91
	GRAND TOTALS				25.91

Shamrock Landfill
 761 Minnesota 45
 Cloquet, MN 55720

52244
 INBOUND CHARGE

002101 SHAMROCK TRUCKING, LLC
 PO BOX 2232
 CLOQUET MN 55720

SITE	TICKET	GRID		WEIGHMASTER	
01	00065843	LANDFILL		Janet B	
DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
03/19/21	03/19/21	11:48	11:48	105-20	21-0006
REFERENCE			ORIGIN		
21-0006			VIN: YBJ9241-MN-5AXLES-1		

Scale 1 Gross Wt. 52480 LB
 Stored Tare Wt. 33760 LB
 Net Weight 18720 LB

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
9.36	TON	Industrial InterComp				

NET AMOUNT
TENDERED
CHANGE
CHECK NO.

Generator: SUPERIOR WATER, LIGHT & POWER
 Address: 1ST ST & WINTER ST
 City/ST: SUPERIOR, WI 54880
 Manifest: 70510 WO#52244

SKB-WCI 4410

SIGNATURE _____

Shamrock Landfill
 761 Minnesota 45
 Cloquet, MN 55720

INBOUND CHARGE

002101 SHAMROCK TRUCKING, LLC
 PO BOX 2232
 CLOQUET MN 55720

SITE	TICKET	GRID		WEIGHMASTER	
01	00065843	LANDFILL		Janet B	
DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
03/19/21	03/19/21	11:48	11:48	105-20	21-0006
REFERENCE			ORIGIN		
21-0006			VIN: YBJ9241-MN-5AXLES-1		

Scale 1 Gross Wt. 52480 LB
 Stored Tare Wt. 33760 LB
 Net Weight 18720 LB

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
9.36	TON	Industrial InterComp				

NET AMOUNT
TENDERED
CHANGE
CHECK NO.

Generator: SUPERIOR WATER, LIGHT & POWER
 Address: 1ST ST & WINTER ST
 City/ST: SUPERIOR, WI 54880
 Manifest: 70510 WO#52244

SKB-WCI 4410

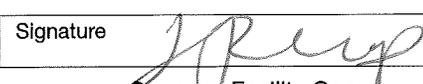
SIGNATURE _____



Shamrock Landfill 

Non Hazardous Industrial Waste

wo # 52244
70510

Shipping Manifest		1. Generator's US EPA ID No. (if any)		1. Page 1 of _____ page(s)	
3. Generator's Name and Facility Address SUPERIOR WATER LIGHT & POWER INT 1ST ST & WINTER ST SUPERIOR WI 54880 218-355-3191			Mailing Address SUPERIOR WATER LIGHT & POWER 2915 HILL AVE SUPERIOR WI 54880		
4. Generator's Phone:		Fax:			
5. Transporter 1 Company Name SHAMROCK TRUCKING		Phone: 218-878-0112			
6. Transporter 2 Company Name		Phone:			
7. Designated Facility Name and Site Address SKB/Shamrock Environmental, LLC 761 MN Highway 45 Cloquet, MN 55720		Phone: 218-878-0112			
GENERATOR	8. U.S. DOT Description (including Proper Shipping name)		9. Containers		10. Total Quantity
	a. Non Hazardous Industrial Waste (FORMER MGP SITE SOIL)		No.	Type	11. Unit Wt/Vol
	b.				12. Waste Profile Sheet#
	c.				
	d.				
13. Additional Descriptions for Materials Listed Above (indicate waste stream Approval # below)			14. Special Handling Procedures for Wastes Listed Above		
a. CL b. CL CL21-0006 FORMER MGP SITE SOIL c. CL d. CL					
15. Special Handling Instructions and Additional Information Emergency Contact:				SKB Use Only Load # 65813	
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.					
Printed/Typed Name CRAIG PETERSON		Signature 		Month	Day Year
17. Transporter 1 Acknowledged of Receipt of Materials		Signature 		03	19 21
Printed/Typed Name BRIAN STEVENS		Signature		03	19 21
18. Transporter 2 Acknowledgement of Receipt of Materials		Signature			
Printed/Typed Name		Signature		Month	Day Year
19. Discrepancy Indication Space					
20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this Manifest except as noted in item 19.					
Printed/Typed Name Alexis P... 		Signature 		Month	Day Year
				03	19 21

TRANSPORTER FACILITY

White - Return to Generator

Pink - Transporter

Canary - Facility Copy

Goldenrod - Generator Copy

Shamrock Landfill
761 Minnesota 45
Cloquet, MN 55720

INBOUND CHARGE

002101 SHAMROCK TRUCKING, LLC
PO BOX 2232
CLOQUET MN 55720

52158

SITE	TICKET	GRID		WEIGHMASTER	
01	00065837	LANDFILL		Janet B	
DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
03/19/21	03/19/21	10:13	10:13	105-20	21-0006
REFERENCE		ORIGIN			
21-0006		VIN: YBJ9241-MN-5AXLES-1			

Scale 1 Gross Wt. 52860 LB
Stored Tare Wt. 33760 LB
Net Weight 19100 LB

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
9.55	TON	Industrial InterComp				

NET AMOUNT
TENDERED
CHANGE
CHECK NO.

Generator: SUPERIOR WATER, LIGHT & POWER
Address: 1ST ST & WINTER ST
City/ST: SUPERIOR, WI 54880
Manifest: 70509 WO#52158

SKB-WCI 4410

SIGNATURE _____

Shamrock Landfill
761 Minnesota 45
Cloquet, MN 55720

INBOUND CHARGE

002101 SHAMROCK TRUCKING, LLC
PO BOX 2232
CLOQUET MN 55720

SITE	TICKET	GRID		WEIGHMASTER	
01	00065837	LANDFILL		Janet B	
DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
03/19/21	03/19/21	10:13	10:13	105-20	21-0006
REFERENCE		ORIGIN			
21-0006		VIN: YBJ9241-MN-5AXLES-1			

Scale 1 Gross Wt. 52860 LB
Stored Tare Wt. 33760 LB
Net Weight 19100 LB

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
9.55	TON	Industrial InterComp				

NET AMOUNT
TENDERED
CHANGE
CHECK NO.

Generator: SUPERIOR WATER, LIGHT & POWER
Address: 1ST ST & WINTER ST
City/ST: SUPERIOR, WI 54880
Manifest: 70509 WO#52158

SKB-WCI 4410

SIGNATURE _____



Shamrock Landfill

Non Hazardous Industrial Waste

W# 52158
70509

Shipping Manifest		1. Generator's US EPA ID No. (if any)		1. Page 1 of _____ page(s)	
3. Generator's Name and Facility Address SUPERIOR WATER LIGHT & POWER INT 1ST ST & WINTER ST SUPERIOR WI 54880 218-355-3191			Mailing Address SUPERIOR WATER LIGHT & POWER 2915 HILL AVE SUPERIOR WI 54880		
4. Generator's Phone:		Fax:			
5. Transporter 1 Company Name SHAMROCK TRUCKING		Phone: 218-878-0112			
6. Transporter 2 Company Name		Phone:			
7. Designated Facility Name and Site Address		SKB/Shamrock Environmental, LLC 761 MN Highway 45 Cloquet, MN 55720 Phone: 218-878-0112			
GENERATOR	8. U.S. DOT Description (including Proper Shipping name)		9. Containers		10. Total Quantity
	a. Non Hazardous Industrial Waste (FORMER MGP SITE SOIL)		No.	Type	11. Unit Wt/Vol
	b.				12. Waste Profile Sheet#
	c.				
	d.				
13. Additional Descriptions for Materials Listed Above (indicate waste stream Approval # below)			14. Special Handling Procedures for Wastes Listed Above		
a. CL b. CL CL21-0006 FORMER MGP SITE SOIL c. CL d. CL					
15. Special Handling Instructions and Additional Information Emergency Contact:				SKB Use Only Load # 6587	
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.					
Printed/Typed Name Kris Peterson		Signature 		Month Day Year 03 19 21	
17. Transporter 1 Acknowledged of Receipt of Materials					
Printed/Typed Name BRIAN STEWART		Signature 		Month Day Year 03 19 21	
18. Transporter 2 Acknowledgement of Receipt of Materials					
Printed/Typed Name		Signature		Month Day Year	
19. Discrepancy Indication Space					
20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this Manifest except as noted in item 19.					
Printed/Typed Name Alex Stupp		Signature 		Month Day Year 10 31 21	

TRANSPORTER FACILITY

White - Return to Generator

Pink - Transporter

Canary - Facility Copy

Goldenrod - Generator Copy

Shamrock Landfill
761 Minnesota 45
Cloquet, MN 55720

52157
INBOUND CHARGE

002101 SHAMROCK TRUCKING, LLC
PO BOX 2232
CLOQUET MN 55720

SITE	TICKET	GRID		WEIGHMASTER	
01	00065834	LANDFILL		Janet B	
DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
03/19/21	03/19/21	10:05	10:05	105-20	21-0006
REFERENCE			ORIGIN		
21-0006			VIN: YBJ9241-MN-5AXLES-1		

Manual Gross Wt. 47760 LB
Stored Tare Wt. 33760 LB
Net Weight 14000 LB

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
7.00	TON	Industrial InterComp				

NET AMOUNT
TENDERED
CHANGE
CHECK NO.

Generator: SUPERIOR WATER, LIGHT & POWER
Address: 1ST ST & WINTER ST
City/ST: SUPERIOR, WI 54880
Manifest: 70508 WO#52157

SKB-WCI 4410

SIGNATURE _____

Shamrock Landfill
761 Minnesota 45
Cloquet, MN 55720

INBOUND CHARGE

002101 SHAMROCK TRUCKING, LLC
PO BOX 2232
CLOQUET MN 55720

SITE	TICKET	GRID		WEIGHMASTER	
01	00065834	LANDFILL		Janet B	
DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
03/19/21	03/19/21	10:05	10:05	105-20	21-0006
REFERENCE			ORIGIN		
21-0006			VIN: YBJ9241-MN-5AXLES-1		

Manual Gross Wt. 47760 LB
Stored Tare Wt. 33760 LB
Net Weight 14000 LB

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
7.00	TON	Industrial InterComp				

NET AMOUNT
TENDERED
CHANGE
CHECK NO.

Generator: SUPERIOR WATER, LIGHT & POWER
Address: 1ST ST & WINTER ST
City/ST: SUPERIOR, WI 54880
Manifest: 70508 WO#52157

SKB-WCI 4410

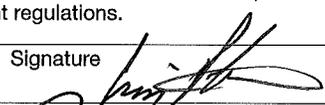
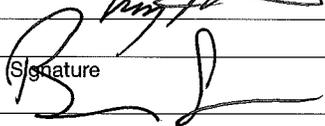
SIGNATURE _____



Shamrock Landfill 

Non Hazardous Industrial Waste

Woff 5215
70508

Shipping Manifest		1. Generator's US EPA ID No. (if any)			1. Page 1 of _____ page(s)				
3. Generator's Name and Facility Address SUPERIOR WATER LIGHT & POWER INT 1ST ST & WINTER ST SUPERIOR WI 54880				Mailing Address SUPERIOR WATER LIGHT & POWER 2915 HILL AVE SUPERIOR WI 54880					
4. Generator's Phone: 218-355-3191				Fax:					
5. Transporter 1 Company Name SHAMROCK TRUCKING		105120		Phone: 218-878-0112					
6. Transporter 2 Company Name				Phone:					
7. Designated Facility Name and Site Address SKB/Shamrock Environmental, LLC 761 MN Highway 45 Cloquet, MN 55720				Phone: 218-878-0112					
GENERATOR	8. U.S. DOT Description (including Proper Shipping name)			9. Containers		10. Total Quantity	11. Unit Wt/Vol	12. Waste Profile Sheet#	
	a. Non Hazardous Industrial Waste (FORMER MGP SITE SOIL)								
	b.								
	c.								
	d.								
13. Additional Descriptions for Materials Listed Above (indicate waste stream Approval # below)				14. Special Handling Procedures for Wastes Listed Above					
a. CL									
b. CL CL21-0006 FORMER MGP SITE SOIL									
c. CL									
d. CL									
15. Special Handling Instructions and Additional Information Emergency Contact:						SKB Use Only Load # 65834			
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.									
TRANSPORTER	17. Transporter 1 Acknowledged of Receipt of Materials			Printed/Typed Name Craig Petersen		Signature 		Month Day Year 03 19 21	
	18. Transporter 2 Acknowledgement of Receipt of Materials			Printed/Typed Name Brian Stevens		Signature 		Month Day Year 03 19 21	
				Printed/Typed Name		Signature		Month Day Year	
FACILITY	19. Discrepancy Indication Space 8:30am 4TTLED								
	20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this Manifest except as noted in item 19.								
Printed/Typed Name Alexis Pulley			Signature 			Month Day Year 10 31 21			

White - Return to Generator

Pink - Transporter

Canary - Facility Copy

Goldenrod - Generator Copy



ENVIRONMENTAL, INC.

Shipping Manifest
Non-Hazardous
Recyclable Materials

No 24633

Transp. EPA# MNT280011586
U.S. D.O.T. # 366793
(218) 744-3064

DATE: 3/4/21

PROJECT#: 2914L

GENERATOR

Name: Minnesota Power
Address: 508-001 Waste Treatment Plant
Service Location: SI B Ictone
City/State/Zip:
Contact: Steven WI
Phone: 609 8001
EPA/State I.D. #: 2K 255-3191

SHIP TO: (Designated Facility/Consolidation Site)

Name: OSI Environmental
Address: 300 Foyal Rd
Service Location:
City/State/Zip: Evansville IN
Contact:
Phone:
EPA/State I.D. #:

Table with columns: Emergency Response Telephone Number, SHIPPING DESCRIPTION/S, CONTAINER (Quantity, Size/Type), TOTAL (Quantity, Wt/Vol). Rows include: NA1993, Fuel Oil, 3, PGIII; Used Oil (Lubricating Oil, Petroleum Grease, Open Gear Lube / Debris); Used Oil Filters (Industrial, Automotive Crushed, Automotive Uncrushed); Petroleum Contaminated Sorbents (Granular Clay, Granular Organic, Pads, Rags, Booms, Other); Petroleum Contaminated Water (Other: Contaminated Water); Used Antifreeze; Used Transformer Oil (<49ppm); Other.

*Generator Certification: This is to certify that the above named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.

Name (Print): E. J. ... Signature: ... Date: 3/4/21

Transporter "DRIVER" Name (Print): John Wherly Signature: ... Date: 3/4/21

Receiving Facility Name (Print): Tom Downey Signature: ... Date: 3-4-2021

Used Oil subject to E.P.A. Regulation under 40 CFR Part 279 and Wisconsin Chapter 679. | Antifreeze Processing Facility Destination: Consolidated Recycling Company, Eight Commerce Drive, Troy, IN. 47588 | *Generator Non-Contamination Certification - "I certify that, based on my knowledge of the waste antifreeze and the waste management practices used at this facility, that this batch of waste antifreeze has not been mixed with other wastes and that this certification is accurate, true and complete. I understand that significant penalties exist for improper management of solid and hazardous waste including the possibility of monetary penalties and imprisonment."

Print Date: 3/16/2021

Start Date: 3/12/2021 Stop Date: 3/16/2021

BILL TO ACCOUNT

2101 SHAMROCK TRUCKING. LLC

SUPS9

Superior Water, Light & Power

1st St & Winter St

Superior, WI 54880

TICKET	Manifest	DATE	Waste Stream	Waste Name	TONS
65680	70503 WO# 5	3/12/21	21-0006	Former MGP Site Soil	14.73
65685	70504 WO#5	3/12/21	21-0006	Former MGP Site Soil	8.98
65689	70505 WO# 5	3/12/21	21-0006	Former MGP Site Soil	10.66
65694	70506 WO#5	3/12/21	21-0006	Former MGP Site Soil	9.32
65697	70507 WO# 5	3/12/21	21-0006	Former MGP Site Soil	11.61
	# of Loads: 5			SUBTOTAL FORWaste Stream	55.30
			GRAND TOTALS		55.30

Shamrock Landfill
761 Minnesota 45
Cloquet, MN 55720

INBOUND CHARGE

002101 SHAMROCK TRUCKING, LLC
PO BOX 2232
CLOQUET MN 55720

52156

SITE	TICKET	GRID		WEIGHMASTER	
01	00065697	LANDFILL		Janet B	
DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
03/12/21	03/12/21	14:36	14:36	105-20	21-0006
REFERENCE			ORIGIN		
21-0006			VIN: YBJ9241-MN-5AXLES-1		

Scale 1 Gross Wt. 56980 LB
Stored Tare Wt. 33760 LB
Net Weight 23220 LB

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
11.61	TON	Industrial InterComp				

NET AMOUNT
TENDERED
CHANGE
CHECK NO.

Generator: SUPERIOR WATER, LIGHT & POWER
Address: 1ST ST & WINTER ST
City/ST: SUPERIOR, WI 54880
Manifest: 70507 WO# 52156
SKB-WCI 4410

SIGNATURE _____

Shamrock Landfill
761 Minnesota 45
Cloquet, MN 55720

INBOUND CHARGE

002101 SHAMROCK TRUCKING, LLC
PO BOX 2232
CLOQUET MN 55720

SITE	TICKET	GRID		WEIGHMASTER	
01	00065697	LANDFILL		Janet B	
DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
03/12/21	03/12/21	14:36	14:36	105-20	21-0006
REFERENCE			ORIGIN		
21-0006			VIN: YBJ9241-MN-5AXLES-1		

Scale 1 Gross Wt. 56980 LB
Stored Tare Wt. 33760 LB
Net Weight 23220 LB

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
11.61	TON	Industrial InterComp				

NET AMOUNT
TENDERED
CHANGE
CHECK NO.

Generator: SUPERIOR WATER, LIGHT & POWER
Address: 1ST ST & WINTER ST
City/ST: SUPERIOR, WI 54880
Manifest: 70507 WO# 52156

SIGNATURE _____



Shamrock Landfill



Non Hazardous Industrial Waste

W04 52154
70507

Shipping Manifest		1. Generator's US EPA ID No. (if any)		1. Page 1 of page(s)	
3. Generator's Name and Facility Address SUPERIOR WATER LIGHT & POWER INT 1ST ST & WINTER ST SUPERIOR WI 54880			Mailing Address SUPERIOR WATER LIGHT & POWER 2915 HILL AVE SUPERIOR WI 54880		
4. Generator's Phone: 218-355-3191			Fax:		
5. Transporter 1 Company Name SHAMROCK TRUCKING 10520			Phone: 218-878-0112		
6. Transporter 2 Company Name			Phone:		
7. Designated Facility Name and Site Address SKB/Shamrock Environmental, LLC 761 MN Highway 45 Cloquet, MN 55720			Phone: 218-878-0112		
8. U.S. DOT Description (including Proper Shipping name)		9. Containers	10. Total Quantity	11. Unit Wt/Vol	12. Waste Profile Sheet#
a. Non Hazardous Industrial Waste (FORMER MGP SITE SOIL)		No. Type			
b.					
c.					
d.					
13. Additional Descriptions for Materials Listed Above (indicate waste stream Approval # below)			14. Special Handling Procedures for Wastes Listed Above		
a. CL					
b. CL CL21-0006 FORMER MGP SITE SOIL					
c. CL					
d. CL					
15. Special Handling Instructions and Additional Information Emergency Contact:				SKB Use Only Load # 65697	
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.					
Printed/Typed Name Kris Peterson		Signature <i>[Signature]</i>		Month Day Year 03 12 21	
17. Transporter 1 Acknowledged of Receipt of Materials					
Printed/Typed Name Steve Stevens		Signature <i>[Signature]</i>		Month Day Year 03 12 21	
18. Transporter 2 Acknowledgement of Receipt of Materials					
Printed/Typed Name		Signature		Month Day Year	
19. Discrepancy Indication Space					
20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this Manifest except as noted in item 19.					
Printed/Typed Name Janet Balducci		Signature <i>[Signature]</i>		Month Day Year 03 12 21	

GENERATOR

TRANSPORTER

FACILITY

White - Return to Generator

Pink - Transporter

Canary - Facility Copy

Goldenrod - Generator Copy

52155

Shamrock Landfill
761 Minnesota 45
Cloquet, MN 55720

INBOUND CHARGE

002101 SHAMROCK TRUCKING, LLC
PO BOX 2232
CLOQUET MN 55720

SITE	TICKET	GRID		WEIGHMASTER	
01	00065694	LANDFILL		Janet B	
DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
03/12/21	03/12/21	13:14	13:14	105-20	21-0006
REFERENCE			ORIGIN		
21-0006			VIN: YBJ9241-MN-5AXLES-1		

Scale 1 Gross Wt. 52400 LB
Stored Tare Wt. 33760 LB
Net Weight 18640 LB

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
9.32	TON	Industrial InterComp				

NET AMOUNT
TENDERED
CHANGE
CHECK NO.

Generator: SUPERIOR WATER, LIGHT & POWER
Address: 1ST ST & WINTER ST
City/ST: SUPERIOR, WI 54880
Manifest: 0506 W0#52155

SKB-WCI 4410

SIGNATURE _____

Shamrock Landfill
761 Minnesota 45
Cloquet, MN 55720

INBOUND CHARGE

002101 SHAMROCK TRUCKING, LLC
PO BOX 2232
CLOQUET MN 55720

SITE	TICKET	GRID		WEIGHMASTER	
01	00065694	LANDFILL		Janet B	
DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
03/12/21	03/12/21	13:14	13:14	105-20	21-0006
REFERENCE			ORIGIN		
21-0006			VIN: YBJ9241-MN-5AXLES-1		

Scale 1 Gross Wt. 52400 LB
Stored Tare Wt. 33760 LB
Net Weight 18640 LB

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
9.32	TON	Industrial InterComp				

NET AMOUNT
TENDERED
CHANGE
CHECK NO.

Generator: SUPERIOR WATER, LIGHT & POWER
Address: 1ST ST & WINTER ST
City/ST: SUPERIOR, WI 54880
Manifest: 70506 W0#52155

SIGNATURE _____



Shamrock Landfill



Non Hazardous Industrial Waste

WO# 52155

70506

Shipping Manifest		1. Generator's US EPA ID No. (if any)			1. Page 1 of page(s)			
3. Generator's Name and Facility Address SUPERIOR WATER LIGHT & POWER INT 1ST ST & WINTER ST SUPERIOR WI 54880				Mailing Address SUPERIOR WATER LIGHT & POWER 2915 HILL AVE SUPERIOR WI 54880				
4. Generator's Phone: 218-355-3191				Fax:				
5. Transporter 1 Company Name SHAMROCK TRUCKING				Phone: 218-878-0112				
6. Transporter 2 Company Name				Phone:				
7. Designated Facility Name and Site Address SKB/Shamrock Environmental, LLC 761 MN Highway 45 Cloquet, MN 55720				Phone: 218-878-0112				
8. U.S. DOT Description (Including Proper Shipping name)				9. Containers		10. Total Quantity	11. Unit Wt/Vol	12. Waste Profile Sheet#
a. Non Hazardous Industrial Waste (FORMER MGP SITE SOIL)				No.	Type			
b.								
c.								
d.								
13. Additional Descriptions for Materials Listed Above (indicate waste stream Approval # below)				14. Special Handling Procedures for Wastes Listed Above				
a. CL								
b. CL CL21-0006 FORMER MGP SITE SOIL								
c. CL								
d. CL								
15. Special Handling Instructions and Additional Information Emergency Contact:						SKB Use Only Load # 65694		
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.								
Printed/Typed Name CRAIG PETERSON				Signature 		Month 03	Day 12	Year 21
17. Transporter 1 Acknowledged of Receipt of Materials				Signature 		Month 03	Day 22	Year 21
18. Transporter 2 Acknowledgement of Receipt of Materials				Signature		Month	Day	Year
Printed/Typed Name				Signature		Month	Day	Year
19. Discrepancy Indication Space								
20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this Manifest except as noted in item 19.								
Printed/Typed Name CRAIG PETERSON				Signature 		Month 03	Day 12	Year 21

GENERATOR

TRANSPORTER

FACILITY

White - Return to Generator

Pink - Transporter

Canary - Facility Copy

Goldenrod - Generator Copy

Shamrock Landfill
 761 Minnesota 45
 Cloquet, MN 55720

INBOUND CHARGE

002101 SHAMROCK TRUCKING, LLC
 PO BOX 2232
 CLOQUET MN 55720

52154

SITE	TICKET	GRID		WEIGHMASTER	
01	00065689	LANDFILL		Janet B	
DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
03/12/21	03/12/21	11:55	11:55	105-20	21-0006
REFERENCE			ORIGIN		
21-0006			VIN: YBJ9241-MN-5AXLES-1		

Scale 1 Gross Wt. 55080 LB
 Stored Tare Wt. 33760 LB
 Net Weight 21320 LB

QTY	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
10.66	TON	Industrial InterComp				

NET AMOUNT
TENDERED
CHANGE
CHECK NO.

Generator: SUPERIOR WATER, LIGHT & POWER
 Address: 1ST ST & WINTER ST
 City/ST: SUPERIOR, WI 54880
 Manifest: 70505 WO# 52154

SKB-WCI 4410

SIGNATURE _____

Shamrock Landfill
 761 Minnesota 45
 Cloquet, MN 55720

INBOUND CHARGE

002101 SHAMROCK TRUCKING, LLC
 PO BOX 2232
 CLOQUET MN 55720

SITE	TICKET	GRID		WEIGHMASTER	
01	00065689	LANDFILL		Janet B	
DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
03/12/21	03/12/21	11:55	11:55	105-20	21-0006
REFERENCE			ORIGIN		
21-0006			VIN: YBJ9241-MN-5AXLES-1		

Scale 1 Gross Wt. 55080 LB
 Stored Tare Wt. 33760 LB
 Net Weight 21320 LB

QTY	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
10.66	TON	Industrial InterComp				

NET AMOUNT
TENDERED
CHANGE
CHECK NO.

Generator: SUPERIOR WATER, LIGHT & POWER
 Address: 1ST ST & WINTER ST
 City/ST: SUPERIOR, WI 54880
 Manifest: 70505 WO# 52154

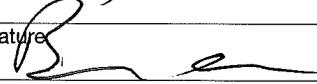
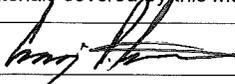
SIGNATURE _____



Shamrock Landfill 

Non Hazardous Industrial Waste

WOTA 52154
70505

Shipping Manifest		1. Generator's US EPA ID No. (if any)			1. Page 1 of page(s)				
3. Generator's Name and Facility Address SUPERIOR WATER LIGHT & POWER INT 1ST ST & WINTER ST SUPERIOR WI 54880				Mailing Address SUPERIOR WATER LIGHT & POWER 2915 HILL AVE SUPERIOR WI 54880					
4. Generator's Phone: 218-355-3191				Fax:					
5. Transporter 1 Company Name SHAMROCK TRUCKING				Phone: 218-878-0112					
6. Transporter 2 Company Name				Phone:					
7. Designated Facility Name and Site Address SKB/Shamrock Environmental, LLC 761 MN Highway 45 Cloquet, MN 55720				Phone: 218-878-0112					
GENERATOR	8. U.S. DOT Description (including Proper Shipping name)			9. Containers		10. Total Quantity	11. Unit Wt/Vol	12. Waste Profile Sheet#	
	a. Non Hazardous Industrial Waste (FORMER MGP SITE SOIL)								
	b.								
	c.								
	d.								
13. Additional Descriptions for Materials Listed Above (indicate waste stream Approval # below)				14. Special Handling Procedures for Wastes Listed Above					
a. CL									
b. CL CL21-0006 FORMER MGP SITE SOIL									
c. CL									
d. CL									
15. Special Handling Instructions and Additional Information Emergency Contact:						SKB Use Only Load # 05489			
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.									
Printed/Typed Name CRAIG PETERSON				Signature 		Month 03		Day 12	Year 21
TRANSPORTER	17. Transporter 1 Acknowledged of Receipt of Materials				Signature 		Month 03	Day 12	Year 21
	Printed/Typed Name BRIAN JENSEN				Signature		Month	Day	Year
	18. Transporter 2 Acknowledgement of Receipt of Materials				Signature		Month	Day	Year
Printed/Typed Name				Signature		Month	Day	Year	
FACILITY	19. Discrepancy Indication Space								
	20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this Manifest except as noted in item 19.								
Printed/Typed Name CRAIG PETERSON				Signature 		Month 03		Day 12	Year 21

White - Return to Generator

Canary - Facility Copy

Goldenrod - Generator Copy

 Pink - Transporter

 Goldenrod - Generator Copy

Shamrock Landfill
 761 Minnesota 45
 Cloquet, MN 55720

52096
 INBOUND CHARGE

002101 SHAMROCK TRUCKING, LLC
 PO BOX 2232
 CLOQUET MN 55720

SITE	TICKET	GRID		WEIGHMASTER	
01	00065685	LANDFILL		Janet B	
DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
03/12/21	03/12/21	10:28	10:28	105-20	21-0006
REFERENCE			ORIGIN		
21-0006			VIN: YBJ9241-MN-5AXLES-1		

Manual Gross Wt. 51720 LB
 Stored Tare Wt. 33760 LB
 Net Weight 17960 LB

QTY	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
8.98	TON	Industrial InterComp				

NET AMOUNT
TENDERED
CHANGE
CHECK NO.

Generator: SUPERIOR WATER, LIGHT & POWER
 Address: 1ST ST & WINTER ST
 City/ST: SUPERIOR, WI 54880
 Manifest: 70504 WO#52096

SKB-WCI 4410

SIGNATURE _____

Shamrock Landfill
 761 Minnesota 45
 Cloquet, MN 55720

INBOUND CHARGE

002101 SHAMROCK TRUCKING, LLC
 PO BOX 2232
 CLOQUET MN 55720

SITE	TICKET	GRID		WEIGHMASTER	
01	00065685	LANDFILL		Janet B	
DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
03/12/21	03/12/21	10:28	10:28	105-20	21-0006
REFERENCE			ORIGIN		
21-0006			VIN: YBJ9241-MN-5AXLES-1		

Manual Gross Wt. 51720 LB
 Stored Tare Wt. 33760 LB
 Net Weight 17960 LB

QTY	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
8.98	TON	Industrial InterComp				

NET AMOUNT
TENDERED
CHANGE
CHECK NO.

Generator: SUPERIOR WATER, LIGHT & POWER
 Address: 1ST ST & WINTER ST
 City/ST: SUPERIOR, WI 54880
 Manifest: 70504 WO#52096

SKB-WCI 4410

SIGNATURE _____



WO# 52096
70504

Shamrock Landfill Non Hazardous Industrial Waste

Shipping Manifest		1. Generator's US EPA ID No. (if any)		1. Page 1 of _____ page(s)	
3. Generator's Name and Facility Address SUPERIOR WATER LIGHT & POWER INT 1ST ST & WINTER ST SUPERIOR WI 54880			Mailing Address SUPERIOR WATER LIGHT & POWER 2915 HILL AVE SUPERIOR WI 54880		
4. Generator's Phone: 218-355-3191			Fax:		
5. Transporter 1 Company Name SHAMROCK TRUCKING			Phone: 218-878-0112		
6. Transporter 2 Company Name			Phone:		
7. Designated Facility Name and Site Address SKB/Shamrock Environmental, LLC 761 MN Highway 45 Cloquet, MN 55720			Phone: 218-878-0112		
GENERATOR	8. U.S. DOT Description (including Proper Shipping name)		9. Containers		10. Total Quantity
	a. Non Hazardous Industrial Waste (FORMER MGP SITE SOIL)		No.	Type	11. Unit Wt/Vol
	b.				12. Waste Profile Sheet#
	c.				
	d.				
13. Additional Descriptions for Materials Listed Above (indicate waste stream Approval # below)			14. Special Handling Procedures for Wastes Listed Above		
a. CL					
b. CL CL21-0006 FORMER MGP SITE SOIL					
c. CL					
d. CL					
15. Special Handling Instructions and Additional Information Emergency Contact:				SKB Use Only Load # <i>LS15</i>	
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.					
Printed/Typed Name <i>CRAIG PETERSON</i>		Signature <i>[Signature]</i>		Month	Day Year
17. Transporter 1 Acknowledged of Receipt of Materials		Signature <i>[Signature]</i>		03	12 21
Printed/Typed Name <i>BRIAN STEVENS</i>		Signature <i>[Signature]</i>		03	12 21
18. Transporter 2 Acknowledgement of Receipt of Materials		Signature		Month	Day Year
Printed/Typed Name		Signature			
19. Discrepancy Indication Space					
20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this Manifest except as noted in item 19.					
Printed/Typed Name <i>Alex Stullup</i>		Signature <i>[Signature]</i>		Month	Day Year
				03	12 21

TRANSPORTER FACILITY

White - Return to Generator

Pink - Transporter

Canary - Facility Copy

Goldenrod - Generator Copy

Shamrock Landfill
761 Minnesota 45
Cloquet, MN 55720

INBOUND CHARGE

52095

002101 SHAMROCK TRUCKING, LLC
PO BOX 2232
CLOQUET MN 55720

SITE	TICKET	GRID		WEIGHMASTER	
01	00065680	LANDFILL		Janet B	
DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
03/12/21	03/12/21	09:05	09:05	102-20	21-0006
REFERENCE			ORIGIN		
21-0006			VIN: YBN7242-MN-3AXLES		

Scale 1 Gross Wt. 58380 LB
Stored Tare Wt. 28920 LB
Net Weight 29460 LB

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
14.73	TON	Industrial InterComp				

NET AMOUNT
TENDERED
CHANGE
CHECK NO.

Generator: SUPERIOR WATER, LIGHT & POWER
Address: 1ST ST & WINTER ST
City/ST: SUPERIOR, WI 54880
Manifest: 70503 WO# 52095

SKB-WCI 4410

SIGNATURE _____

Shamrock Landfill
761 Minnesota 45
Cloquet, MN 55720

INBOUND CHARGE

002101 SHAMROCK TRUCKING, LLC
PO BOX 2232
CLOQUET MN 55720

SITE	TICKET	GRID		WEIGHMASTER	
01	00065680	LANDFILL		Janet B	
DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
03/12/21	03/12/21	09:05	09:05	102-20	21-0006
REFERENCE			ORIGIN		
21-0006			VIN: YBN7242-MN-3AXLES		

Scale 1 Gross Wt. 58380 LB
Stored Tare Wt. 28920 LB
Net Weight 29460 LB

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
14.73	TON	Industrial InterComp				

NET AMOUNT
TENDERED
CHANGE
CHECK NO.

Generator: SUPERIOR WATER, LIGHT & POWER
Address: 1ST ST & WINTER ST
City/ST: SUPERIOR, WI 54880
Manifest: 70503 WO# 52095

SKB-WCI 4410

SIGNATURE _____



Wot# 520915
70503

Shamrock Landfill Non Hazardous Industrial Waste

Shipping Manifest		1. Generator's US EPA ID No. (if any)		1. Page 1 of page(s)	
3. Generator's Name and Facility Address SUPERIOR WATER LIGHT & POWER INT 1ST ST & WINTER ST SUPERIOR WI 54880			Mailing Address SUPERIOR WATER LIGHT & POWER 2915 HILL AVE SUPERIOR WI 54880		
4. Generator's Phone: 218-355-3191			Fax:		
5. Transporter 1 Company Name SHAMROCK TRUCKING			Phone: 218-878-0112		
6. Transporter 2 Company Name			Phone:		
7. Designated Facility Name and Site Address SKB/Shamrock Environmental, LLC 761 MN Highway 45 Cloquet, MN 55720			Phone: 218-878-0112		
8. U.S. DOT Description (including Proper Shipping name)		9. Containers	10. Total Quantity	11. Unit Wt/Vol	12. Waste Profile Sheet#
a. Non Hazardous Industrial Waste (FORMER MGP SITE SOIL)		No.	Type		
b.					
c.					
d.					
13. Additional Descriptions for Materials Listed Above (indicate waste stream Approval # below)			14. Special Handling Procedures for Wastes Listed Above		
a. CL b. CL CL21-0006 FORMER MGP SITE SOIL c. CL d. CL					
15. Special Handling Instructions and Additional Information Emergency Contact:				SKB Use Only Load # 65680	
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.					
Printed/Typed Name CRAIG PETERSON		Signature 		Month Day Year 03 12 21	
17. Transporter 1 Acknowledged of Receipt of Materials		Printed/Typed Name BRIAN STEVENS		Signature 	
18. Transporter 2 Acknowledgement of Receipt of Materials		Printed/Typed Name		Signature	
19. Discrepancy Indication Space					
20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this Manifest except as noted in item 19.					
Printed/Typed Name Janet Baldwin		Signature 		Month Day Year 03 12 21	

GENERATOR

TRANSPORTER

FACILITY

From: Paddock, Jeffrey J - DNR
Sent: Thursday, August 19, 2021 1:04 PM
To: Paddock, Jeffrey J - DNR
Subject: SWL&P

1:03 ↗

LTE



Greg Prom - SWL&P >

Jeffrey.paddock@wisconsin.gov

Wed, Jun 16, 9:08 AM

Hi Greg, this is Jeff Paddock with the DNR. A few weeks ago we discussed the closure report for the broken water main on March 4, 2021. Have you be able to locate that report?

Thanks for the reminder. I have reached out to our consultant and will get back to you.

Thu, Aug 12, 12:19 PM

Hi Greg, we have not received the closure report. Do you have an ETA? Thank you.

Read 8/12/21

I'm still waiting for the consultants report I will follow up with them today. Thanks for the reminder

Yesterday 3:43 PM

FYI. Still working on the report. Should get you something next week.



iMessage



Sent from my iPhone