January 9, 2026 Project Reference #22858

Mr. Brian Kreski
Environmental Programs Coordinator
Appleton Wastewater Treatment Facility
2006 East Newberry Street
Appleton, WI 54915-2758
Via email: Brian.Kreski@Appleton.org

RE: 2025 Fourth Quarter Compliance Monitoring Report
Industrial User Wastewater Discharge Permit 24-21
N.W. Mauthe Superfund Site
725 South Outagamie Street, Appleton, WI
BRRTS ID #02-45-000127

Dear Mr. Kreski:

On behalf of the Wisconsin Department of Natural Resources (WDNR), Sigma is submitting the 2025 Fourth Quarter Compliance Monitoring Report in conformance with Part 4.A of the City of Appleton Industrial User Wastewater Discharge Permit 24-21. This submittal covers the reporting period from October 1 through December 31, 2025.

WORK COMPLETED

Monthly total effluent flow volume monitoring and compliance sampling were conducted for Outfall 001. Sampling activities were performed by Mr. Ryan Holterman of The Sigma group on October 1, November 3, and December 1, 2025.

Discharge Volume Monitoring

Total effluent flow volume readings measured by the Outfall 001 flowmeter were recorded on the operator log sheets. Reported monthly discharge volume totals were calculated by linear interpolation of the actual meter readings of the first to the last day of the reporting month. The total calculated discharge volume during the reporting period was 24,301 gallons with a mean daily flow of 264.1 gallons per day based on 92 days within the reporting period. The total metered discharge volume readings, linear interpolation dates, and reported monthly discharge volumes are presented on Table 1.

Effluent Sampling

Effluent samples were collected from the effluent sampling port on the equalization tank discharge pipe for laboratory analysis of process compliance parameters hexavalent chromium and total chromium. Unfiltered effluent was collected into a new, laboratory-supplied 250 ml plastic bottle, pre-preserved with nitric acid for total chromium analysis. An additional volume of effluent was collected into a new, laboratory-supplied 250 ml plastic unpreserved bottle for hexavalent chromium analysis. The total and hexavalent chromium samples were delivered on the day of collection to The Metiri Group in Appleton, Wisconsin. Hexavalent chromium analysis was performed by Metiri Group of Geneva, Illinois. The laboratory analytical reports for the October, November, and December sampling events are attached.

Following the collection of effluent samples for laboratory analysis, approximately 500 ml of effluent was collected in a decontaminated plastic beaker for pH measurement. The pH was measured using an Oakton pHTestrs hand-held pH meter and the result recorded on the operator log sheet.

Based on laboratory analytical results and field pH measurements, there were no exceedances of permit limits for process compliance or applicable local limit parameters during this reporting period. The laboratory analytical results and pH readings for process compliance parameters are presented on Table 1 and the local limit parameter results are presented on Table 2.

Please contact us at 414-643-4134 or via email if you have any questions.

Respectfully submitted,

THE SIGMA GROUP, INC.

Paul Rohde, P.G.
Geoscience Group Leader

Ryan Holterman
Staff Scientist

Cc: Gwen Saliares/WDNR

Certification Statement Required by Section 2 0-106, Chapter 20, Utilities

I, Paul Rohde, certify under penalty of law that this document and all attachments were prepared under my direction or supervision in conformance with a system designed to assure that qualified personnel property gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete.

Paul D. Rohde, P.G.

Tables

Table 1
Influent - Effluent Monitoring Summary
City of Appleton Permit 24-21
N.W. Mauthe Superfund Site
725 South Outagamie Street; Appleton, WI

	OUTFALL 001							Manhole #1			Manhole #2		
Date Actual	Date For Linear Interpolation	Metered Discharge Reading (gallons)	Gallons Discharged Between Meter Reading	Monthly Discharge (gallons)	pH	Hexavalent Chromium Lab Analysis (mg/L) [Local Limit 4.5 mg/L]	Total Chromium Lab Analysis[1] (mg/L) [Local Limit 7.0 mg/L]	Flow Totalizer #1 Reading (gallons)	pH	Hexavalent Chromium Hach Test Kit (mg/L)	Flow Totalizer #2 Reading (gallons)	pH	Hexavalent Chromium Hach Test Kit (mg/L)
	1/1/2023	*20,049,352*		**December**			**Pounds Cr**						
1/4/2023		20,056,085	6,858	**30,975**			**0.122**	128,657			467,457		
1/6/2023					8.4	0.66	0.734		8.0	0.48		7.9	0.20
1/31/2023		20,103,237	47,152					139,968			504,806		
	2/1/2023	*20,103,819*		**January**			**Pounds Cr**						
2/1/2023		20,104,460	1,223	**54,467**			**0.333**	140,401			505,592		
2/9/2023					8.2	0.66	0.705		7.8	0.24		7.9	0.28
2/28/2023		20,143,005	38,545					149,544			534,885		
	3/1/2023	*20,145,093*		**February**			**Pounds Cr**						
3/1/2023		20,147,460	4,455	**41,274**			**0.242**	150,427			538,131		
3/9/2023					8.0	0.15	<0.0025		7.7	0.27		7.8	0.04
	4/1/2023	*20,363,289*		**March**			**Pounds Cr**						
4/4/2023		20,367,299	219,839	**218,195**			**0.002**	193,136			712,934		
4/5/2023					8.3	0.16	0.180		8.1	0.21		7.5	0.08
4/30/2023		20,457,645	90,346					211,647			784,877		
	5/1/2023	*20,457,872*		**April**			**Pounds Cr**						
5/1/2023		20,458,597	952	**94,583**			**0.142**	211,647			785,674		
5/4/2023					8.4	0.24	0.233		7.7	0.21		7.9	0.10
5/31/2023		20,524,896	66,299					226,516			836,403		
	6/1/2023	*20,525,045*		**May**			**Pounds Cr**						
6/1/2023		20,525,270	374	**67,173**			**0.130**	226,516			836,790		
6/7/2023					8.1	0.17	0.182		7.4	0.08		7.8	0.04
6/30/2023		20,552,149						234,365			857,812		
	7/1/2023	*20,552,482*		**June**			**Pounds Cr**						
7/1/2023		20,552,933	784	**27,437**			**0.042**	234,798			858,199		
7/6/2023					7.9	0.30	0.322		7.5	0.28		7.7	0.10
7/27/2023		20,565,082	12,149					240,461			867,481		
7/31/2023		20,570,224						241,757			872,497		
	8/1/2023	*20,570,562*		**July**			**Pounds Cr**						
8/1/2023		20,570,964	740	**18,080**			**0.048**	242,190			872,882		
8/16/2023					8.0	0.27	0.271		7.4	0.30		7.7	0.19
8/24/2023		20,597,204	26,240					249,566			896,166		
8/31/2023		20,604,402						251,292			899,248		
	9/1/2023	*20,604,402*		**August**			**Pounds Cr**						
9/1/2023		20,604,402	0	**33,840**			**0.076**	251,292			899,248		
9/12/2023		20,616,863	12,461		7.8	0.32	0.367	256,129	6.8	0.41	907,388	6.8	0.21
9/30/2023		20,618,782						256,992			908,542		
	10/1/2023	*20,618,782*		**September**			**Pounds Cr**						
10/1/2023		20,618,782	0	**14,380**			**0.044**	256,992			908,542		
10/11/2023					7.3	0.35	0.394		6.7	0.56		6.7	0.13
10/20/2023		20,634,566	15,784					261,000			922,506		
10/31/2023		20,664,878	30,312					265,787			949,555		
	11/1/2023	*20,665,389*		**October**			**Pounds Cr**						
11/1/2023		20,665,973	1,095	**46,607**			**0.153**	266,221			950,331		
11/9/2023		20,680,175	14,202		8.5	0.34	0.324	269,338	7.6	0.99	962,052	7.4	0.32
11/30/2023		20,703,220	23,045					275,852			979,869		
	12/1/2023	*20,703,380*		**November**			**Pounds Cr**						
12/1/2023		20,703,549	329	**37,991**			**0.102**	275,852			980,277		
12/4/2023					7.4	0.55	0.612		7.1	0.76		7.3	0.13
	1/1/2024	*20,728,692*		**December**			**Pounds Cr**						
1/4/2024		20,728,928	25,379	**25,312**			**0.129**	283,376			999,475		
1/4/2024					8.3	0.61	0.610		7.8	0.64		7.7	0.07
1/31/2024		20,763,946						292,090			1,027,615		
	2/1/2024	*20,764,868*		**January**			**Pounds Cr**						
2/1/2024		20,765,791	1,845	**36,177**			**0.184**	292,530			1,029,162		
2/8/2024							0.399		7.7	0.52		7.9	0.18
2/29/2024		20,803,665						302,187			1,059,900		
	3/1/2024	*20,803,665*		**February**			**Pounds Cr**						
3/1/2024		20,803,665	0	**38,797**			**0.129**	302,187			1,059,900		
3/7/2024					8.5	0.46	0.483		7.8	0.33		8.0	0.25
3/31/2024		20,843,141						312,310			1,092,124		
	4/1/2024	*20,843,600*		**March**			**Pounds Cr**						
4/1/2024		20,843,851	710	**39,935**			**0.161**	312,310			1,092,881		
4/4/2024					8.1	0.65	0.669		7.6	0.36		7.7	0.11
4/30/2024		20,941,479						335,109			1,171,938		
	5/1/2024	*20,941,860*		**April**			**Pounds Cr**						
5/1/2024		20,942,281	802	**98,259**			**0.547**	335,109			1,173,076		
5/9/2024					8.3	0.44	0.428		7.6	0.15		7.8	0.20
5/31/2024		21,012,127						350,496			1,229,230		
	6/1/2024	*21,012,950*		**May**			**Pounds Cr**						
6/1/2024		21,014,854	2,727	**71,091**			**0.253**	350,931			1,231,145		
6/6/2024							0.342		6.6	0.49		6.7	0.26
6/30/2024		21,103,001						369,918			1,303,349		
	7/1/2024	*21,103,582*		**June**			**Pounds Cr**						
7/1/2024		21,104,590	1,589	**90,631**			**0.202**	370,358			1,304,487		
7/11/2024					7.8	0.21	0.225		7.4	0.32		7.5	0.07
7/31/2024		21,207,309						394,722			1,386,928		
	8/1/2024	*21,207,562*		**July**			**Pounds Cr**						
8/1/2024		21,208,084	775	**103,980**			**0.195**	395,208			1,387,297		
8/8/2024					7.4	0.21	0.210		6.9	0.38		6.9	0.19

Table 1
Influent - Effluent Monitoring Summary
City of Appleton Permit 24-21
N.W. Mauthe Superfund Site
725 South Outagamie Street; Appleton, WI

	OUTFALL 001							Manhole #1			Manhole #2		
Date Actual	Date For Linear Interpolation	Metered Discharge Reading (gallons)	Gallons Discharged Between Meter Reading	Monthly Discharge (gallons)	pH	Hexavalent Chromium Lab Analysis (mg/L) [Local Limit 4.5 mg/L]	Total Chromium Lab Analysis[1] (mg/L) [Local Limit 7.0 mg/L]	Flow Totalizer #1 Reading (gallons)	pH	Hexavalent Chromium Hach Test Kit (mg/L)	Flow Totalizer #2 Reading (gallons)	pH	Hexavalent Chromium Hach Test Kit (mg/L)
8/25/2024		21,271,919	64,357					411,970			1,437,191		
8/31/2024		21,287,117	15,198					415,910			1,448,877		
	9/1/2024	*21,287,321*		**August**			**Pounds Cr**						
9/1/2024		21,287,832	715	**79,759**			**0.139**	415,910			1,449,633		
9/5/2024					7.5	0.32	0.307		6.9	0.62		7.3	0.13
	10/1/2024	*21,323,742††*		**September**			**Pounds Cr**						
				36421			**0.093**						
10/7/2024					7.2	0.21	0.335	429,017	7.2	0.56	1,477,441	7.3	0.10
	11/1/2024	*21,342,674*		**October**			**0.05 lbs CR**						
11/4/2024				**18,932**	8.3	0.27	0.240	439,384	7.5	0.31	1,491,743	8.2	0.22
	12/1/2024	*21,366,948*		**November**			**0.048 lbs CR**						
12/3/2024		21,368,747		**23,674**	7.7	0.30	0.340	460,611	7.9	0.52	1,554,773	8.3	0.14
12/16/2024		21,381,150						465,004			1,563,819		
	1/1/2025	*21,400,151*		**December**			**0.097 lbs CR**						
1/2/2025		21,401,234		**33,570**	8.3	0.32	**0.320**	470,731	8.0	0.35	1,579,664	8.5	0.22
1/13/2025		21,409,927						474,252			1,587,996		
	2/1/2025	*21,414,592*		**January**			**0.039 lbs CR**						
2/3/2024		21,415,495		**14,441**	7.1	0.242	**0.224**	475,033	6.8	0.49	1,596,987	6.9	0.16
2/20/2025		21,417,813						480,775			1,601,110		
	3/1/2025	*21,425,120*		**February**			**0.019 lbs CR**						
3/3/2025		21,425,861		**10,528**	7.4	0.14	**0.170**	482,088	7.1	0.13	1,606,759	7.4	0.33
3/21/2025		21,460,744		**March**			**0.137 lbs CR**	490,480			1,635,287		
4/1/2025		21,520,412		**95,292**	7.2	0.208	**0.200**	505,324	6.9	0.41	1,683,506	7.1	0.13
4/18/2025		21,575,749		**April**			**0.164 lbs CR**	519,646			1,728,828		
	5/1/2025	*21,617,127*		**96,715**									
5/2/2025		21,620,310			7.0	0.25	**0.270**	530,325	6.7	0.31	1,764,859	6.8	0.13
5/15/2025		21,654,845		**May**			**0.164 lbs CR**	539,680			1,792,093		
	6/1/2025	*21,688,727*		**71,600**									
6/2/2025		21,690,720		**June**	7.3	0.27	**0.290**	548,515	7.0	0.32	1,823,507	6.9	0.13
6/16/2025		21,710,200		**46,141**			**0.113 lbs CR**	554,243			1,869,752		
7/1/2025		21,734,868		**July**	7.3	0.33	**0.360**	560,854	7.1	0.21	1,862,053	7.0	0.17
7/18/2025		21,766,631		**46,280**			**0.141 lbs CR**	568,773			1,887,142		
8/1/2025		21,781,148		**August**	6.9	0.25	**0.250**	574,480	6.7	0.36	1,902,970	6.7	0.05
8/19/2025		21,802,051		**33,476**			**0.071 lbs CR**	579,745			1,917,944		
	9/1/2025	*21,814,463*		**September**									
9/2/2025		21,815,591		**13,627**	6.7	0.31	**0.330**	584,129	6.9	0.44	1,928,014	6.8	0.17
9/9/2025		21,818,947					**0.038 lbs CR**	585,441			1,930,283		
9/15/2025		21,821,915						586,752			1,932,163		
10/1/2025		21,827,730		**October**	7.2	0.32	**0.300**	590,246	7.3	0.31	1,942,148	7.3	0.05
10/13/2025		21,830,586		**6,012**			**0.015 lbs CR**	592,431			1,945,541		
	11/1/2025	*21,833,742*		**November**									
11/3/2025		21,834,092		**3,657**	7.6	0.28	**0.270**	595,933	7.8	0.56	1,952,967	7.7	0.08
11/17/2025		21,836,192					**0.008 lbs CR**	598,124			1,955,984		
11/26/2025		21,836,828						599,431			1,957,486		
12/1/2025		21,837,399		**December**	7.7	0.35	**0.280**	599,866	7.7	0.52	1,958,611	7.8	0.05
12/22/2025		21,841,342		**14,632**			**0.035 lbs CR**	602,493			1,963,438		
	1/1/2026	*21,852,031*											
1/2/2026		21,853,657			8.1			604,691	7.9	0.29	1,972,793	8.1	0.15

Italicized red type metered discharge reading was calculated by linear interpolation to 12 midnight.

Discharge authorized under City of Appleton Industrial User (Wastewater Discharge) Permit 24-21, expiration date 5/31/2027

Permit 24-21 Outfall 001 Effluent Limits		
pH	Hexavalent Chromium	Total Chromium
Between 5.0 and 12.4 S.U.	<4.5 mg/L	<7.0 mg/L

Effluent compliance monitoring began in 2007, reported historical results have been truncated beginning with January 2023.

Table 2
City of Appleton Local Discharge Limits
City of Appleton Permit 24-21
N.W. Mauthe Superfund Site
725 South Outagamie Street; Appleton, WI

		Aluminum (mg/L)	Arsenic (mg/L)	Cadmium (mg/L)	Chromium Total[1] (mg/L)	Copper (mg/L)	Cyanide (mg/L)	Lead (mg/L)	Mercury (mg/L)	Nickel (mg/L)	Zinc (mg/L)	Hexavalent Chromium (mg/L)
Permit #24-21 Limits[2]		70	1.0	0.3	7.0	3.5	1.0	2.0	0.002	2.0	10.0	4.5
Sampler	Sample Date											
Appleton	3/9/2023	NA	<0.028	<0.0006	0.256	0.016	0.006	0.008	0.0003	0.006	<0.004	NA
Terracon	6/7/2023	NA	<0.0083	<0.0013	0.182	<0.0034	<0.0069	<0.0059	<0.00066	<0.0026	<0.0116	0.17
Appleton	8/16/2023	NA	<0.028	<0.0006	0,271	0.004	<0.015	<0.007	<0.0002	0.005	<0.004	NA
Appleton	2/8/2024	NA	<0.028	<0.0006	0.397	0.004	<0.015	<0.007	<0.0002	0.006	<0.004	NA
Terracon	6/6/2024	NA	<0.0083	<0.0013	0.342	<0.0034	<0.0069	<0.0059	<0.0007	<0.0026	<0.0116	0.490
Appleton	9/24/2024	NA	Not yet received									
Appleton	3/21/2025	NA	<0.028	<0.0006	0.419	0.004	<0.025	<0.007	<0.0002	<0.003	<0.004	NA
Sigma	6/2/2025	NA	<0.0056 U	<0.00059 U	0.290	0.0069 J	0.0162 G,	0.0024 J	<0.0000860 U	<0.0039U	<0.012 U	0.274
Appleton	8/19/2025	NA	Not yet received									

U = Analyte not detected at concentrations greater than the laboratory limit of detection
J = Estimated concentration detected above the limit of detection and below the limit of quantitation

[1] Beginning in September 2018, the Total Chromium lab sample was not filtered. Previously, through August 2018, the sample was filtered (0.45 micron filter).

[2] Permit 24-21 became effective on May 31, 2024, prior to this date the permit number was 18-21.

Laboratory Reports

10520 N. Baehr Rd., Suite J,
Mequon, WI 53092 - Phone (920)
459-2500 - www.metirigroup.com

October 09, 2025

The Sigma Group
The Sigma Group
1300 W. Canal Street
Milwaukee, WI 53233

RE: 22858 Mauthe
BBJ0019

Metiri Analytical Group Inc, - Appleton received sample(s) on 10/01/2025 for the analyses presented in the following report.

All data for the associated quality control (QC) met EPA, method, or internal laboratory specifications except where noted in the case narrative. If you are comparing these results to external QC specifications or compliance limits and have any questions, please contact us.

This final report of laboratory analysis consists of this cover letter, case narrative, analytical report, dates report, and any accompanying documentation including, but not limited to, chain of custody records, raw data, and letters of explanation or reliance. This report may not be reproduced, except in full, without the prior written approval of Suburban Laboratories, Inc.

If you have any questions regarding these test results, please call me at (920) 830-2455.

Sincerely,

Daniel Kenneally
Project Manager

Table of Contents

Sample Results 4

Quality Assurance Results 5

Qualifiers and Definitions 7

Chain of Custody 8

Metiri Group - Mequon - 10520 N. Baehr Rd., Suite J, Mequon, WI 53092

The Sigma Group	Project: 22858 Mauthe	
1300 W. Canal Street	Project Number:	
Milwaukee, WI 53233	Project Manager: The Sigma Group	Reported: 10/09/2025 08:00

Samples in this Report

Lab ID	Sample	Matrix	Date Sampled	Date Received
BBJ0019-01	Outfall 001	Water	10/01/2025 09:10	10/01/2025

The contents of this report apply to the sample(s) analyzed in accordance with the chain of custody document. No duplication of this report is allowed, except in its entirety.

Metiri Group - Mequon - 10520 N. Baehr Rd., Suite J, Mequon, WI 53092

The Sigma Group	Project: 22858 Mauthe	
1300 W. Canal Street	Project Number:	
Milwaukee, WI 53233	Project Manager: The Sigma Group	Reported: 10/09/2025 08:00

Sample Results

Sample: Outfall 001

BBJ0019-01 (Water)

Analyte	Result /Qual	LOD	LOQ	Units	Date Analyzed	DF	Method	Prep Batch
Wet Chemistry								
Chromium, Hexavalent	0.316	0.010	0.033	mg/L	10/01/25	1	SM3500Cr- D	BB15582

Analyte	Result /Qual	LOD	LOQ	Units	Date Analyzed	DF	Method	Prep Batch
Metals - ICP - Prep EPA 200.2								
Chromium	0.30	0.0030	0.010	mg/L	10/07/25	1	200.7	BB15705

The contents of this report apply to the sample(s) analyzed in accordance with the chain of custody document. No duplication of this report is allowed, except in its entirety.

Metiri Group - Mequon - 10520 N. Baehr Rd., Suite J, Mequon, WI 53092

The Sigma Group	Project: 22858 Mauthe	
1300 W. Canal Street	Project Number:	
Milwaukee, WI 53233	Project Manager: The Sigma Group	Reported: 10/09/2025 08:00

Quality Control

Wet Chemistry

Analyte	Result/ Qual	PQL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Method: SM3500Cr- D										
Batch: BB15582 - WI NO PREP										
Blank (BB15582-BLK1)					Prepared & Analyzed: 10/01/25 15:00					
Chromium, Hexavalent	ND	0.033	0.010	mg/L						
LCS (BB15582-BS1)					Prepared & Analyzed: 10/01/25 15:00					
Chromium, Hexavalent	0.502			mg/L	0.500		100	90-110		
LCS (BB15582-BS2)					Prepared & Analyzed: 10/01/25 15:00					
Chromium, Hexavalent	0.501			mg/L	0.500		100	90-110		
Duplicate (BB15582-DUP1)	**Source: BBJ0019-01**				Prepared & Analyzed: 10/01/25 15:00					
Chromium, Hexavalent	0.315			mg/L		0.316			0.380	20
Matrix Spike (BB15582-MS1)	**Source: BBJ0019-01**				Prepared & Analyzed: 10/01/25 15:00					
Chromium, Hexavalent	0.816			mg/L	0.500	0.316	100	80-120		

The contents of this report apply to the sample(s) analyzed in accordance with the chain of custody document. No duplication of this report is allowed, except in its entirety.

Metiri Group - Mequon - 10520 N. Baehr Rd., Suite J, Mequon, WI 53092

The Sigma Group	Project: 22858 Mauthe	
1300 W. Canal Street	Project Number:	
Milwaukee, WI 53233	Project Manager: The Sigma Group	Reported: 10/09/2025 08:00

Quality Control
(Continued)

Metals - ICP - Prep EPA 200.2

Analyte	Result/ Qual	PQL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Method: 200.7										
Batch: BB15705 - 200.2 ICP										
Blank (BB15705-BLK1)					Prepared: 10/06/25 12:34		Analyzed: 10/07/25 14:34			
Chromium	ND	0.010	0.0030	mg/L						
Blank (BB15705-BLK2)					Prepared: 10/06/25 12:34		Analyzed: 10/07/25 14:43			
Chromium	ND	0.010	0.0030	mg/L						
LCS (BB15705-BS1)					Prepared: 10/06/25 12:34		Analyzed: 10/07/25 15:10			
Chromium	1.0			mg/L	1.00		102	85-115		
Matrix Spike (BB15705-MS2)	**Source: BBJ0019-01**				Prepared: 10/06/25 12:34		Analyzed: 10/07/25 18:58			
Chromium	1.2			mg/L	1.00	0.30	93	70-130		

The contents of this report apply to the sample(s) analyzed in accordance with the chain of custody document. No duplication of this report is allowed, except in its entirety.

Metiri Group - Mequon - 10520 N. Baehr Rd., Suite J, Mequon, WI 53092

The Sigma Group	Project: 22858 Mauthe	
1300 W. Canal Street	Project Number:	
Milwaukee, WI 53233	Project Manager: The Sigma Group	Reported: 10/09/2025 08:00

Notes and Definitions

Item	Definition
U	Analyte included in the analysis, but not detected

General Comments:
- All results reported in wet weight unless otherwise indicated. (dry = Dry Weight)
- Sample results relate only to the analytes of interest tested and to sample as received by the laboratory.
- Environmental compliance sample results meet the requirements of 35 IAC Part 186 unless otherwise indicated.
- Waste water analysis follows the rules set forth in 40 CFR part 136 except where otherwise noted.
- All radiological results are reported to the 95% confidence level.

Abbreviations:
- Reporting Limit: The concentration at which an analyte can be routinely detected on a day to day basis, and which also meets regulatory and client needs.
- Quantitation Limit: The lowest concentration at which results can be accurately quantitated.
- J: The analyte was positively identified above our Method Detection Limit and is considered detectable and usable; however, the associated numerical value is the approximate concentration of the analyte in the sample.
- ATC: Automatic Temperature Correction. - TNTC: Too Numerous To Count
- TIC: Tentatively Identified Compound (GCMS library search identification, concentration estimated to nearest internal standard).
- SS: (Surrogate Standard): Quality control compound added to the sample by the lab.
-LA: Lab Accident - No valid data to report.
-VO: Insufficient Volume provided
-BR: Received broken
-IP: Invalid Sampling

Method References:
For a complete list of method references please contact us.
- E: USEPA Reference methods
- SW: USEPA, Test Methods for Evaluating Solid Waste (SW-846)
- M: Standard Methods for the Examination of Water and Wastewater
- USP: Latest version of United States Pharmacopeia

Illinois Department of Public Health Accredited #17585

Illinois Environmental Protection Agency Accredited #100225

The contents of this report apply to the sample(s) analyzed in accordance with the chain of custody document. No duplication of this report is allowed, except in its entirety.

METIRI

SUBCONTRACT ORDER

Sending Laboratory:

Metiri Group - Mequon
10520 N. Baehr Rd., Suite J
Mequon, WI 53092
Phone: (920) 459-2500
Fax: (517) 699-0388

Project Manager: Daniel Kenneally

Subcontracted Laboratory:

Metiri Group - Geneva
1950 S Batavia Ave
Geneva, IL 60134
Phone: 1(800) 783-5227
Fax:

Compliance: Yes or No
State:
Compliance ID:

Work Order: BBJ0019

TAT Type:

Analysis	Comments
Sample ID: BBJ0019-01 *Wastewater* *Sampled: 10/01/2025 09:10* *Sampled by:* *Sample type:*	
200.7 Master List WI	
Containers Supplied:	

BBJ0019

4.1°C

Released By

Date

Received By

Date 10/2/25 1000

Metiri Environmental, Inc
Sample Condition Upon Receipt

Initials of Person Examining Contents: J H Date: 10/01

Client: Sigma Group Work Order #: BBJ0019

Date Received: 10/01 Time Received: _____ AM or PM

Shipper: FED EX UPS US Postal Walk-in (Pick-up) Field Service Other _____

Cooler Temperature: ☐ ROI ☐ No Ice ☐ Blue Ice ☐ Ice Melted 3.1 °C

Thermometer ID: S/N 90766984 or S/N 160124652

IMPORTANT: All Drinking Water Samples except Coliform and Metals must have Actual Temperature Recorded. Temperature must be above freezing to 6° C

				Comments:
Chain of Custody Present:	(Y)	N	NA	
Chain of Custody Filled Out Properly:	(Y)	N	NA	MISSING (circle): Client Info, Turn Around Time, Sample ID, Matrix, Collect Time/Date, Parameters, Other: See Below
Chain of Custody Relinquished By:				(circle) (Client) Field Service None
Samples Arrived within Hold Times:	(Y)	N	NA	
Rush Turn Around Time Requested:	Y	(N)	NA	(circle) 1-3 Day Rush 4-5 Day Rush
Short Hold Time Analysis: (<72 hr):	(Y)	N	NA	(circle) Total Coliform, E. Coli, NO2, NO3, Fecal, HPC, BOD, CBOD, Orthophosp., pH, TR Chlorine, Color, Sulfite, Surfactants, Turbidity Hex Chrome
Containers Intact: List Broken Containers	(Y)	N	NA	
Correct Containers Used:	(Y)	N	NA	
Sufficient Sample Volume Received:	(Y)	N	NA	
Sample Labels Complete	(Y)	N	NA	MISSING (circle): Description, Date, Time, Parameters
Labels Agree with COC:	(Y)	N	NA	
Containers needing Preservation Checked:	(Y)	N	NA	
Containers needing Preservation Adjusted:	Y	N	(NA)	H2SO4 <pH 2 HNO3 <pH 2 NaOH > pH 12
Exceptions VOA, Coliform, TOC, O&G, Phenolics	Y	N	(NA)	
Headspace in VOA Vials <6 mm):	Y	N	(NA)	

Client Notification / Resolution:

Person Contacted: _____

Comments/Resolution: _____

BBJ0019

METIRI

Metiri Analytical Group

CHAIN OF CUSTODY RECORD

1950 S. Batavia Ave. Ste. 150 Geneva, IL 60134 Tel. 708.544.3260 receiving.geneva@metirigroup.com http://metirigroup.com

Company Name: The Sigma Group
Company Address: 1300 W Canal St
City: Milwaukee State: WI Zip: 53233
Office: 414-643-4200 Mobile: 414-588-7255 Fax:
Email Address: RHOLTERMAN@THESIGMAGROUP.COM
Project ID / Location: 22858 - Mauthe
Project Manager (Report to): Paul Rohde
Sample Collector(s): Ryan Holterman

TURNAROUND TIME REQUESTED
[X] Normal [ ] RUSH*
* Must be pre-approved and surcharges apply. Checking this box indicates your approval of surcharges.
Date and Time Report Needed:

Specify Regulatory Program: [ ] None/Info Only
[ ] LUST [ ] SRP [ ] SDWA
[ ] 503 Sludge [ ] NPDES [ ] MWRDGC
[ ] Disposal [ ] CCDD [ ] OTHER - Specify Below

ANALYSIS & METHOD REQUESTED
Enter an "X" in box below for request

Page 1 of 1
PO #
Report Type [ ] Normal [ ] Special*
* Additional charges apply for QC reports and raw data. Specify in comments section
Shipping Method

LAB USE ONLY
Work Order #
Temperature of Received Samples: 3.1 °C
Received within 24 hours of collection? [ ] No [ ] Yes

	SAMPLE IDENTIFICATION (Use 1 line per container type)	COLLECTION DATE	COLLECTION TIME	MATRIX	GRAB/ COMP.	CONTAINERS Qty	CONTAINERS SIZE & TYPE	PRESERVATIVE	Hexavalent Chromium	Total Chromium	Lab Comment	LAB #
1	Outfall-001	10/1/25	9:10	ww	GRAB	2		HNO3, -	X	X		
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												

BBJ0019

MATRIX: Drinking Water (DW), Soil (S), Waste Water (WW), Surface Water(SW), Ground Water (GW), Solid Waste (WA), Sludge (U), Wipe (P) **CONTAINER:** 2oz, 4oz, 8oz, 40ml Vial, 500ml, Liter (L), Tube, Glass (G), Plastic (P) **PRESERVATIVE:** H_2SO_4, HCl, HNO_3, Methanol (MeOH) NaOH, Sodium Bisulfate (NaB), NaThio

COMMENTS & SPECIAL INSTRUCTIONS:

1. Relinquished By	Date	2. Relinquished By	Date	3. Relinquished By	Date	4. Relinquished By	Date
	10/1/25		10-1				
Received By [ ] Ice	Time 12:48	Received By [ ] Ice	Time 15:40	Received By [ ] Ice	Time	Received By [ ] Ice	Time

THIS FORM MUST BE FILLED OUT COMPLETELY BY THE SAMPLE COLLECTOR OR SUBMITTER AND ORIGINAL FORM MUST ACCOMPANY SAMPLES AT ALL TIMES.

10520 N. Baehr Rd., Suite J,
Mequon, WI 53092 - Phone (920)
459-2500 - www.metirigroup.com

November 11, 2025

The Sigma Group
The Sigma Group
1300 W. Canal Street
Milwaukee, WI 53233

RE: 22858 Mauthe
BBK0015

Metiri Analytical Group Inc, - Appleton received sample(s) on 11/03/2025 for the analyses presented in the following report.

All data for the associated quality control (QC) met EPA, method, or internal laboratory specifications except where noted in the case narrative. If you are comparing these results to external QC specifications or compliance limits and have any questions, please contact us.

This final report of laboratory analysis consists of this cover letter, case narrative, analytical report, dates report, and any accompanying documentation including, but not limited to, chain of custody records, raw data, and letters of explanation or reliance. This report may not be reproduced, except in full, without the prior written approval of Suburban Laboratories, Inc.

If you have any questions regarding these test results, please call me at (920) 830-2455.

Sincerely,

Daniel Kenneally
Project Manager

Table of Contents

Sample Results 4

Quality Assurance Results 5

Qualifiers and Definitions 7

Chain of Custody 8

Metiri Group - Mequon - 10520 N. Baehr Rd., Suite J, Mequon, WI 53092

The Sigma Group	Project: 22858 Mauthe	
1300 W. Canal Street	Project Number: 22858	
Milwaukee, WI 53233	Project Manager: The Sigma Group	Reported: 11/11/2025 11:24

Samples in this Report

Lab ID	Sample	Matrix	Date Sampled	Date Received
BBK0015-01	Outfall-001	Water	11/03/2025 08:45	11/03/2025

The contents of this report apply to the sample(s) analyzed in accordance with the chain of custody document. No duplication of this report is allowed, except in its entirety.

Metiri Group - Mequon - 10520 N. Baehr Rd., Suite J, Mequon, WI 53092

The Sigma Group	Project: 22858 Mauthe	
1300 W. Canal Street	Project Number: 22858	
Milwaukee, WI 53233	Project Manager: The Sigma Group	Reported: 11/11/2025 11:24

Sample Results

Sample: Outfall-001

BBK0015-01 (Water)

Analyte	Result /Qual	LOD	LOQ	Units	Date Analyzed	DF	Method	Prep Batch
Wet Chemistry								
Chromium, Hexavalent	0.284	0.010	0.033	mg/L	11/03/25	1	SM3500Cr- D	BB17590

Analyte	Result /Qual	LOD	LOQ	Units	Date Analyzed	DF	Method	Prep Batch
Metals - ICP - Prep EPA 200.2								
Chromium	0.27	0.0030	0.010	mg/L	11/07/25	1	200.7	BB17919

The contents of this report apply to the sample(s) analyzed in accordance with the chain of custody document. No duplication of this report is allowed, except in its entirety.

Metiri Group - Mequon - 10520 N. Baehr Rd., Suite J, Mequon, WI 53092

The Sigma Group	Project: 22858 Mauthe	
1300 W. Canal Street	Project Number: 22858	
Milwaukee, WI 53233	Project Manager: The Sigma Group	Reported: 11/11/2025 11:24

Quality Control

Wet Chemistry

Analyte	Result/ Qual	PQL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Method: SM3500Cr- D										
Batch: BB17590 - WI NO PREP										
Blank (BB17590-BLK1)					Prepared & Analyzed: 11/03/25 17:10					
Chromium, Hexavalent	ND	0.033	0.010	mg/L						
LCS (BB17590-BS1)					Prepared & Analyzed: 11/03/25 17:10					
Chromium, Hexavalent	0.464			mg/L	0.500		92.8	90-110		
LCS (BB17590-BS2)					Prepared & Analyzed: 11/03/25 17:10					
Chromium, Hexavalent	0.465			mg/L	0.500		93.0	90-110		
Duplicate (BB17590-DUP1)	**Source: BBK0015-01**				Prepared & Analyzed: 11/03/25 17:10					
Chromium, Hexavalent	0.288			mg/L		0.284			1.29	20
Matrix Spike (BB17590-MS1)	**Source: BBK0015-01**				Prepared & Analyzed: 11/03/25 17:10					
Chromium, Hexavalent	0.761			mg/L	0.500	0.284	95.4	80-120		

The contents of this report apply to the sample(s) analyzed in accordance with the chain of custody document. No duplication of this report is allowed, except in its entirety.

Metiri Group - Mequon - 10520 N. Baehr Rd., Suite J, Mequon, WI 53092

The Sigma Group	Project: 22858 Mauthe	
1300 W. Canal Street	Project Number: 22858	
Milwaukee, WI 53233	Project Manager: The Sigma Group	Reported: 11/11/2025 11:24

Quality Control
(Continued)

Metals - ICP - Prep EPA 200.2

Analyte	Result/ Qual	PQL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Method: 200.7										
Batch: BB17919 - 200.2 ICP										
Blank (BB17919-BLK1)					Prepared & Analyzed: 11/07/25 14:49					
Chromium	ND	0.010	0.0030	mg/L						
Blank DI Diss BB17772 (BB17919-BLK2)					Prepared & Analyzed: 11/07/25 14:58					
Chromium	ND			mg/L						
LCS (BB17919-BS1)					Prepared & Analyzed: 11/07/25 15:07					
Chromium	0.99			mg/L	1.00		99	85-115		

The contents of this report apply to the sample(s) analyzed in accordance with the chain of custody document. No duplication of this report is allowed, except in its entirety.

Metiri Group - Mequon - 10520 N. Baehr Rd., Suite J, Mequon, WI 53092

The Sigma Group	Project: 22858 Mauthe	
1300 W. Canal Street	Project Number: 22858	
Milwaukee, WI 53233	Project Manager: The Sigma Group	Reported: 11/11/2025 11:24

Notes and Definitions

Item	Definition
U	Analyte included in the analysis, but not detected

General Comments:
- All results reported in wet weight unless otherwise indicated. (dry = Dry Weight)
- Sample results relate only to the analytes of interest tested and to sample as received by the laboratory.
- Environmental compliance sample results meet the requirements of 35 IAC Part 186 unless otherwise indicated.
- Waste water analysis follows the rules set forth in 40 CFR part 136 except where otherwise noted.
- All radiological results are reported to the 95% confidence level.

Abbreviations:
- Reporting Limit: The concentration at which an analyte can be routinely detected on a day to day basis, and which also meets regulatory and client needs.
- Quantitation Limit: The lowest concentration at which results can be accurately quantitated.
- J: The analyte was positively identified above our Method Detection Limit and is considered detectable and usable; however, the associated numerical value is the approximate concentration of the analyte in the sample.
- ATC: Automatic Temperature Correction. - TNTC: Too Numerous To Count
- TIC: Tentatively Identified Compound (GCMS library search identification, concentration estimated to nearest internal standard).
- SS: (Surrogate Standard): Quality control compound added to the sample by the lab.
-LA: Lab Accident - No valid data to report.
-VO: Insufficient Volume provided
-BR: Received broken
-IP: Invalid Sampling

Method References:
For a complete list of method references please contact us.
- E: USEPA Reference methods
- SW: USEPA, Test Methods for Evaluating Solid Waste (SW-846)
- M: Standard Methods for the Examination of Water and Wastewater
- USP: Latest version of United States Pharmacopeia

Illinois Department of Public Health Accredited #17585

Illinois Environmental Protection Agency Accredited #100225

The contents of this report apply to the sample(s) analyzed in accordance with the chain of custody document. No duplication of this report is allowed, except in its entirety.

METIRI

SUBCONTRACT ORDER

Sending Laboratory:

Metiri Group - Mequon
10520 N. Baehr Rd., Suite J
Mequon, WI 53092
Phone: (920) 459-2500
Fax: (517) 699-0388

Project Manager: Daniel Kenneally

Subcontracted Laboratory:

Metiri Group - Geneva
1950 S Batavia Ave
Geneva, IL 60134
Phone: 1(800) 783-5227
Fax:

Compliance: Yes or No
State:
Compliance ID:

Work Order: BBK0015 **TAT Type:**

Analysis	Comments
Sample ID: BBK0015-01 ***Wastewater*** ***Sampled: 11/03/2025 08:45*** ***Sampled by:*** ***Sample type:***	
200.7 Master List WI	Cr
Containers Supplied:	

BBK0015

2.0°C

Released By 1113 Date

Received By Date NOV 04 2025 958

Metiri Environmental, Inc
Sample Condition Upon Receipt

Initials of Person Examining Contents: NK Date: 11/03

Client: Sigma Group Work Order #: BBK0015

Date Received: 11/03 Time Received: 3:30 (AM) or PM

Shipper: FED EX UPS US Postal Walk-in (Pick-up) Field Service Other _____

Cooler Temperature: ☐ ROI ☐ No Ice ☐ Blue Ice ☐ Ice Melted 24 °C

Thermometer ID: S/N 90766984 or S/N 160124652

IMPORTANT: All Drinking Water Samples except Coliform and Metals must have Actual Temperature Recorded. Temperature must be above freezing to 6° C

				Comments:
Chain of Custody Present:	(Y)	N	NA	
Chain of Custody Filled Out Properly:	(Y)	N	NA	MISSING (circle): Client Info, Turn Around Time, Sample ID, Matrix, Collect Time/Date, Parameters, Other: See Below
Chain of Custody Relinquished By:				(circle) Client Field Service None
Samples Arrived within Hold Times:	(Y)	N	NA	
Rush Turn Around Time Requested:	Y	(N)	NA	(circle) 1-3 Day Rush 4-5 Day Rush
Short Hold Time Analysis: (<72 hr):	(Y)	N	NA	(circle) Total Coliform, E. Coli, NO2, NO3, Fecal, HPC, BOD, CBOD, Orthophosp, pH, TR Chlorine, Color, Sulfite, Surfactants, Turbidity
Containers Intact: List Broken Containers	(Y)	N	NA	
Correct Containers Used:	(Y)	N	NA	
Sufficient Sample Volume Received:	(Y)	N	NA	
Sample Labels Complete	(Y)	N	NA	MISSING (circle): Description, Date, Time, Parameters
Labels Agree with COC:	(Y)	N	NA	
Containers needing Preservation Checked:	(Y)	N	NA	
Containers needing Preservation Adjusted:	Y	(N)	NA	H2SO4 <pH 2 HNO3 <pH 2 NaOH > pH 12
Exceptions VOA, Coliform, TOC, O&G, Phenolics	Y	(N)	NA	
Headspace in VOA Vials <6 mm):	Y	(N)	NA	

BBK0015

Client Notification / Resolution:

Person Contacted: _____

Comments/Resolution: _____

_____

_____

Metiri Analytical Group

CHAIN OF CUSTODY RECORD

1950 S. Batavia Ave. Ste. 150 Geneva, IL 60134 Tel. 708.544.3260 receiving.geneva@metirigroup.com http://metirigroup.com

Company Name: The Sigma Group
Company Address: 1300 W Canal St
City: Milwaukee State: WI Zip: 53233
Office: 414-643-4200 Mobile: 414-588-7255 Fax:
Email Address: RHOLTERMAN@THESIGMAGROUP.COM
Project ID / Location: 22858 - Mauthe
Project Manager (Report to): Paul Rohde
Sample Collector(s): Ryan Holterman

TURNAROUND TIME REQUESTED
[X] Normal [ ] RUSH*
* Must be pre-approved and surcharges apply. Checking this box indicates your approval of surcharges.
Date and Time Report Needed:

Specify Regulatory Program: [ ] None/Info Only
[ ] LUST [ ] SRP [ ] SDWA
[ ] 503 Sludge [ ] NPDES [ ] MWRDGC
[ ] Disposal [ ] CCDD [ ] OTHER - Specify Below

ANALYSIS & METHOD REQUESTED
Enter an "X" in box below for request

Page 1 of 1
PO #
Report Type [X] Normal [ ] Special*
* Additional charges apply for QC reports and raw data. Specify in comments section
Shipping Method

LAB USE ONLY
Work Order #
Temperature of Received Samples 2.4 °C
Received within 24 hours of collection? [ ] No [ ] Yes

	SAMPLE IDENTIFICATION (Use 1 line per container type)	COLLECTION DATE	COLLECTION TIME	MATRIX	GRAB/ COMP.	CONTAINERS Qty	CONTAINERS SIZE & TYPE	PRESERVATIVE	Hexavalent Chromium	Total Chromium	Lab Comment	LAB #
1	Outfall-001	11/3/25	8:45	ww	GRAB	2		HNO3, -	X	X		
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												

BBK0015

MATRIX: Drinking Water (DW), Soil (S), Waste Water (WW), Surface Water(SW), Ground Water (GW), Solid Waste (WA), Sludge (U), Wipe (P) **CONTAINER:** 2oz, 4oz, 8oz, 40ml Vial, 500ml, Liter (L), Tube, Glass (G), Plastic (P) **PRESERVATIVE:** H_2SO_4, HCl, HNO_3, Methanol (MeOH) NaOH, Sodium Bisulfate (NaB), NaThio

COMMENTS & SPECIAL INSTRUCTIONS:

1. Relinquished By	Date	2. Relinquished By	Date	3. Relinquished By	Date	4. Relinquished By	Date
	11/3/25		11-3				
Received By ☐ Ice	Time 1:01	Received By ☐ Ice	Time 3:30	Received By ☐ Ice	Time	Received By ☐ Ice	Time

THIS FORM MUST BE FILLED OUT COMPLETELY BY THE SAMPLE COLLECTOR OR SUBMITTER AND ORIGINAL FORM MUST ACCOMPANY SAMPLES AT ALL TIMES. Rev 2/17

Table of Contents

10520 N. Baehr Rd., Suite J,
Mequon, WI 53092 - Phone (920)
459-2500 - www.metirigroup.com

December 09, 2025

The Sigma Group
The Sigma Group
1300 W. Canal Street
Milwaukee, WI 53233

RE: 22858 Mauthe
BBL0010

Metiri Analytical Group Inc, - Appleton received sample(s) on 12/01/2025 for the analyses presented in the following report.

All data for the associated quality control (QC) met EPA, method, or internal laboratory specifications except where noted in the case narrative. If you are comparing these results to external QC specifications or compliance limits and have any questions, please contact us.

This final report of laboratory analysis consists of this cover letter, case narrative, analytical report, dates report, and any accompanying documentation including, but not limited to, chain of custody records, raw data, and letters of explanation or reliance. This report may not be reproduced, except in full, without the prior written approval of Suburban Laboratories, Inc.

If you have any questions regarding these test results, please call me at (920) 830-2455.

Sincerely,

Daniel Kenneally
Project Manager

Table of Contents

Sample Results 4

Quality Assurance Results 5

Qualifiers and Definitions 7

Chain of Custody 8

Metiri Group - Mequon - 10520 N. Baehr Rd., Suite J, Mequon, WI 53092

The Sigma Group	Project: 22858 Mauthe	
1300 W. Canal Street	Project Number:	
Milwaukee, WI 53233	Project Manager: The Sigma Group	Reported: 12/09/2025 15:20

Samples in this Report

Lab ID	Sample	Matrix	Date Sampled	Date Received
BBL0010-01	Outfall 001	Water	12/01/2025 07:45	12/01/2025

The contents of this report apply to the sample(s) analyzed in accordance with the chain of custody document. No duplication of this report is allowed, except in its entirety.

Metiri Group - Mequon - 10520 N. Baehr Rd., Suite J, Mequon, WI 53092

The Sigma Group	Project: 22858 Mauthe	
1300 W. Canal Street	Project Number:	
Milwaukee, WI 53233	Project Manager: The Sigma Group	Reported: 12/09/2025 15:20

Sample Results

Sample: Outfall 001

BBL0010-01 (Water)

Analyte	Result /Qual	LOD	LOQ	Units	Date Analyzed	DF	Method	Prep Batch
Wet Chemistry								
Chromium, Hexavalent	0.353	0.010	0.033	mg/L	12/01/25	1	SM3500Cr- D	BB19724

Analyte	Result /Qual	LOD	LOQ	Units	Date Analyzed	DF	Method	Prep Batch
Metals - ICP - Prep EPA 200.2								
Chromium	0.28	0.0030	0.010	mg/L	12/05/25	1	200.7	BB19472

The contents of this report apply to the sample(s) analyzed in accordance with the chain of custody document. No duplication of this report is allowed, except in its entirety.

Metiri Group - Mequon - 10520 N. Baehr Rd., Suite J, Mequon, WI 53092

The Sigma Group	Project: 22858 Mauthe	
1300 W. Canal Street	Project Number:	
Milwaukee, WI 53233	Project Manager: The Sigma Group	Reported: 12/09/2025 15:20

Quality Control

Wet Chemistry

Analyte	Result/ Qual	PQL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Method: SM3500Cr- D										
Batch: BB19724 - WI NO PREP										
Blank (BB19724-BLK1)					Prepared & Analyzed: 12/01/25 18:00					
Chromium, Hexavalent	ND	0.033	0.010	mg/L						
LCS (BB19724-BS1)					Prepared & Analyzed: 12/01/25 18:00					
Chromium, Hexavalent	0.463			mg/L	0.500		92.6	90-110		
Duplicate (BB19724-DUP1)	**Source: BBL0010-01**				Prepared & Analyzed: 12/01/25 18:00					
Chromium, Hexavalent	0.355			mg/L		0.353			0.565	20
Matrix Spike (BB19724-MS1)	**Source: BBL0010-01**				Prepared & Analyzed: 12/01/25 18:00					
Chromium, Hexavalent	0.884			mg/L	0.500	0.353	106	80-120		

The contents of this report apply to the sample(s) analyzed in accordance with the chain of custody document. No duplication of this report is allowed, except in its entirety.

Metiri Group - Mequon - 10520 N. Baehr Rd., Suite J, Mequon, WI 53092

The Sigma Group	Project: 22858 Mauthe	
1300 W. Canal Street	Project Number:	
Milwaukee, WI 53233	Project Manager: The Sigma Group	Reported: 12/09/2025 15:20

Quality Control
(Continued)

Metals - ICP - Prep EPA 200.2

Analyte	Result/ Qual	PQL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Method: 200.7										
Batch: BB19472 - 200.2 ICP										
Blank (BB19472-BLK1)					Prepared: 12/04/25 10:15 Analyzed: 12/05/25 18:46					
Chromium	ND	0.010	0.0030	mg/L						
Blank Dissolved BB19290 (BB19472-BLK2					Prepared: 12/04/25 10:15 Analyzed: 12/05/25 18:56					
Chromium	ND			mg/L						
LCS (BB19472-BS1)					Prepared: 12/04/25 10:15 Analyzed: 12/05/25 19:05					
Chromium	1.0			mg/L	1.00		103	85-115		

The contents of this report apply to the sample(s) analyzed in accordance with the chain of custody document. No duplication of this report is allowed, except in its entirety.

Metiri Group - Mequon - 10520 N. Baehr Rd., Suite J, Mequon, WI 53092

The Sigma Group	Project: 22858 Mauthe	
1300 W. Canal Street	Project Number:	
Milwaukee, WI 53233	Project Manager: The Sigma Group	Reported: 12/09/2025 15:20

Notes and Definitions

Item	Definition
U	Analyte included in the analysis, but not detected

General Comments:
- All results reported in wet weight unless otherwise indicated. (dry = Dry Weight)
- Sample results relate only to the analytes of interest tested and to sample as received by the laboratory.
- Environmental compliance sample results meet the requirements of 35 IAC Part 186 unless otherwise indicated.
- Waste water analysis follows the rules set forth in 40 CFR part 136 except where otherwise noted.
- All radiological results are reported to the 95% confidence level.

Abbreviations:
- Reporting Limit: The concentration at which an analyte can be routinely detected on a day to day basis, and which also meets regulatory and client needs.
- Quantitation Limit: The lowest concentration at which results can be accurately quantitated.
- J: The analyte was positively identified above our Method Detection Limit and is considered detectable and usable; however, the associated numerical value is the approximate concentration of the analyte in the sample.
- ATC: Automatic Temperature Correction. - TNTC: Too Numerous To Count
- TIC: Tentatively Identified Compound (GCMS library search identification, concentration estimated to nearest internal standard).
- SS: (Surrogate Standard): Quality control compound added to the sample by the lab.
-LA: Lab Accident - No valid data to report.
-VO: Insufficient Volume provided
-BR: Received broken
-IP: Invalid Sampling

Method References:
For a complete list of method references please contact us.
- E: USEPA Reference methods
- SW: USEPA, Test Methods for Evaluating Solid Waste (SW-846)
- M: Standard Methods for the Examination of Water and Wastewater
- USP: Latest version of United States Pharmacopeia

Illinois Department of Public Health Accredited #17585

Illinois Environmental Protection Agency Accredited #100225

The contents of this report apply to the sample(s) analyzed in accordance with the chain of custody document. No duplication of this report is allowed, except in its entirety.

METIRI

Metiri Analytical Group

CHAIN OF CUSTODY RECORD

1950 S. Batavia Ave. Ste. 150 Geneva, IL 60134 Tel. 708.544.3260 receiving.geneva@metirigroup.com http://metirigroup.com

Company Name: The Sigma Group

Company Address: 1300 W Canal St

City: Milwaukee State: WI Zip: 53233

Office: 414-643-4200 Mobile: 414-588-7255 Fax:

Email Address: RHOLTERMAN@THESIGMAGROUP.COM

Project ID / Location: 22858 - Mauthe

Project Manager (Report to): Paul Rohde

Sample Collector(s): Ryan Holterman

TURNAROUND TIME REQUESTED

☒ Normal ☐ RUSH*

* Must be pre-approved and surcharges apply. Checking this box indicates your approval of surcharges.

Date and Time Report Needed:

Specify Regulatory Program: ☐ None/Info Only

☐ LUST ☐ SRP ☐ SDWA

☐ 503 Sludge ☐ NPDES ☐ MWRDGC

☐ Disposal ☐ CCDD ☐ OTHER - Specify Below

ANALYSIS & METHOD REQUESTED
Enter an "X" in box below for request

Page 1 of 1

PO #

Report Type ☒ Normal ☐ Special*

* Additional charges apply for QC reports and raw data. Specify in comments section

Shipping Method

LAB USE ONLY

Work Order #

Temperature of Received Samples: 3.9 °C

Received within 24 hours of collection? ☐ No ☐ Yes

	SAMPLE IDENTIFICATION (Use 1 line per container type)	COLLECTION DATE	COLLECTION TIME	MATRIX	GRAB/ COMP.	CONTAINERS Qty	CONTAINERS SIZE & TYPE	PRESERVATIVE	Hexavalent Chromium	Total Chromium	Lab Comment	LAB #
1	Outfall-001	12/1/25	7:45 am	ww	GRAB	2		HNO3, -	X	X		
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												

BBL0010

MATRIX: Drinking Water (DW), Soil (S), Waste Water (WW), Surface Water(SW), Ground Water (GW), Solid Waste (WA), Sludge (U), Wipe (P) **CONTAINER:** 2oz, 4oz, 8oz, 40ml Vial, 500ml, Liter (L), Tube, Glass (G), Plastic (P) **PRESERVATIVE:** H_2SO_4, HCl, HNO_3, Methanol (MeOH) NaOH, Sodium Bisulfate (NaB), NaThio

COMMENTS & SPECIAL INSTRUCTIONS:

1. Relinquished By	Date	2. Relinquished By	Date	3. Relinquished By	Date	4. Relinquished By	Date
	12/1/25		12-1				
Received By: ☐ Ice	Time: 12:13	Received By: ☐ Ice	Time: 2:00	Received By: ☐ Ice	Time	Received By: ☐ Ice	Time

THIS FORM MUST BE FILLED OUT COMPLETELY BY THE SAMPLE COLLECTOR OR SUBMITTER AND ORIGINAL FORM MUST ACCOMPANY SAMPLES AT ALL TIMES.

Rev 2/17

Metiri Environmental, Inc
Sample Condition Upon Receipt

Initials of Person Examining Contents: NK Date: 12/1

Client: Sigma Work Order #: BBL0010

Date Received: 12/1 Time Received: 2:00 AM or (PM)

Shipper: FED EX UPS US Postal Walk-in (Pick-up) Field Service Other _____

Cooler Temperature: ☐ ROI ☐ No Ice ☐ Blue Ice ☐ Ice Melted 3.9 °C

Thermometer ID: S/N 90766984 or S/N 160124652

IMPORTANT: All Drinking Water Samples except Coliform and Metals must have Actual Temperature Recorded. Temperature must be above freezing to 6° C

				Comments:
Chain of Custody Present:	(Y)	N	NA	
Chain of Custody Filled Out Properly:	(Y)	N	NA	MISSING (circle): Client Info, Turn Around Time, Sample ID, Matrix, Collect Time/Date, Parameters, Other: See Below
Chain of Custody Relinquished By:				(circle) Client Field Service None
Samples Arrived within Hold Times:	(Y)	N	NA	
Rush Turn Around Time Requested:	Y	(N)	NA	(circle) 1-3 Day Rush 4-5 Day Rush
Short Hold Time Analysis: (<72 hr):	(Y)	N	NA	(circle) Total Coliform, E. Coli, NO2, NO3, Fecal, HPC, BOD, CBOD, Orthophosp, pH, TR Chlorine, Color, Sulfite, Surfactants, Turbidity Hex Chrome
Containers Intact: List Broken Containers	(Y)	N	NA	
Correct Containers Used:	(Y)	N	NA	
Sufficient Sample Volume Received:	(Y)	N	NA	
Sample Labels Complete	(Y)	N	NA	MISSING (circle): Description, Date, Time, Parameters
Labels Agree with COC:	(Y)	N	NA	
Containers needing Preservation Checked:	(Y)	N	NA	
Containers needing Preservation Adjusted:	Y	(N)	NA	H2SO4 <pH 2 HNO3 <pH 2 NaOH > pH 12
Exceptions VOA, Coliform, TOC, O&G, Phenolics	Y	(N)	NA	
Headspace in VOA Vials <6 mm):	Y	(N)	NA	

Client Notification / Resolution:

Person Contacted: _____

Comments/Resolution: _____

BBL0010

J:Laboratory.adm.Quality System. Forms.Cardinal Sample Condition Upon Receipt Form