

## AGENDA

### KANKAKEE RIVER METROPOLITAN AGENCY MEETING

Thursday, June 22, 2023

9:00 AM in KRMA Board Room

1600 Brookmont Blvd., Kankakee, IL 60901

- I. **Roll Call**
- II. **Public Comment**
- III. **Approval of Board Minutes**
  - A. May 25, 2023 – Regular Board Meeting
- IV. **Reports**
  - A. Operations & Maintenance Report
    1. Monthly Report (MOR)
  - B. Executive Director Report
    1. Water, Gas & Electric Use/Cost
    2. Hauled in Waste Summary
    3. Operations Report
  - C. Financial Report
    1. Reports
    2. Hauled in Waste Report
    3. Flows Graphs
  - D. Communications
    1. Step Challenge
- V. **Old Business**
  - A. Bradley Property Update
  - B. Security Updates
- VI. **New Business**
  - A. Kimley Horn Report Presentation
  - B. Amendment No 3 to the September 29, 2021, Agreement for General Services Capacity Expansion Project Plan
- VII. **Executive Session**
  - A. Personnel & Probable or Imminent Litigation
- VIII. **Next Meeting**

Thursday, July 27, 2023 (9:00 AM in KRMA Boardroom)

**KANKAKEE RIVER METROPOLITAN AGENCY**  
**MINUTES**  
**May 25, 2023 – 9:00 A.M**  
**1600 W Brookmont Blvd.**  
**Kankakee, IL 60901**

In attendance:

**Board of Directors:**

Mayor Christopher Curtis, City of Kankakee  
Mayor Paul Schore, Village of Bourbonnais  
Mayor Brian Stump, Village of Aroma Park  
Financial Director Robert, Romo, Village of Bradley  
Alderman Danita Swanson, City of Kankakee  
Steven Hunter, Representative, City of Kankakee  
Alderman Mike O'Brien, Alternate for the City of Kankakee

**Administration:**

Dave Tyson, KRMA Executive Director  
Karen Benson, Koelling, Dykstra & Ohm, P.C

**Attorney:**

Neal Smith, Robbins Schwartz

**KRMA Staff:**

Art Strother, Superintendent  
Melanie Gossett, Asst. Superintendent Technical Services  
Dustin Scheppler, Asst. Superintendent Operation & Maintenance

**Other:**

Ryan McGinnis, City of Kankakee  
Dan Small, Strand Associates  
Terry Memenga, Village of Bourbonnais  
Elizabeth Kubal, City of Kankakee

Chairman, Mayor Christopher Curtis called the meeting to order.

**I. Roll Call**

Roll Call was taken. All Board members were present except for Alderman Larry Osenga. Alternate Alderman Mike O'Brien, City of Kankakee, sitting in for Director Larry Osenga for deciding vote.

**II. Election of Officers for FY 2023-2024**

- A. **Chairman** (Currently Mayor Christopher Curtis)- There was no other nominations. Motion for Mayor Christopher Curtis to remain the Chairman for KRMA Board was made by Dir Hunter and seconded by Dir Swanson. All board members that were present voted in favor of. Dir Larry Osenga absent. Motion Carried.

- B. **Vice-Chairman** (Currently Mayor Paul Schore)- There was no other nominations. Motion for Mayor Paul Schore to remain the Vice-Chairman for KRMA Board was made by Dir Hunter and seconded by Dir Swanson. All board members that were present voted in favor of; Dir Larry Osenga absent. Motion Carried.
- C. **Secretary** (Currently Mayor Brian Stump)- There were no other nominations. Motion for Mayor Brian Stump to remain the Secretary for KRMA Board was made by Dir Hunter and seconded by Dir Swanson. All board members that were present voted in favor of; Dir Larry Osenga absent. Motion Carried.

III. **Public Comment**  
None

IV. **Approval of Board Minutes April 27, 2023 - Regular Board Meeting**  
Motion to approve the April 27, 2023, Regular Board Meeting minutes was made by: Dir Hunter and seconded by Dir Romo. Board members Vice Chairman Schore, Dir Hunter, Dir Stump, Dir Swanson, Dir Romo voted in favor of, Alternate Mike O'Brien and Chairman Curtis voted abstained, and Dir Larry Osenga absent. Motion Carried.

V. **Reports**

A. **Operations & Maintenance Report**

1. **Monthly Report**

Dustin asked the board to review their MOR book at their leisure. He also stated there were no violations for the month of April 2023, and so far, the plant is doing good for May 2023. Dustin also informed the board that the filamentous bacteria are being handled where it is not affecting the plant. Exec Dir Tyson informed the board that the chlorine tank was down. The chlorine tank was down approximately a week before it was back up and running.

B. **Executive Director Report**

1. **Water, Gas & Electric Use/Cost**

Exec. Dir. Dave Tyson presented the yearly utility usage. Exec Dir Tyson stated all utilities pricing is running as normal.

2. **Hauled In Waste Summary**

Exec. Dir. Tyson stated over all hauled in waste is still consistent with last month. Liberty was our highest haulers for the month. Newton County is running consistently as last month.

2. **Operations Report**

Exec Dir Tyson stated the plant is back in compliance. We have received a total of 24 applicants for O&M Specialist job opening. We are currently down two people, however, not sure if we are going to hire one or two people.

C. **Financial Report**

1. **Reports**

Karen Benson presented the monthly financial reports. The Statement of Net Position continues to be strong. Statement of Revenue and Expenses, we were over budgeted in terms of revenue and our expenses we were also over budget for the chemicals and professional fees, everything else is in line. Also, our Change of Net Position is over budget as well.

2. **Hauled In Waste Report**

None

3. **Flows Graphs**

Karen presented Flow Graphs. Karen explained this is the final estimate amounts that will be used in the budget for FYE 2023-2024. Therefore, the new estimate budget for each municipal will be as followed:

City of Kankakee 64.248%

Village of Aroma Park .310%

Village of Bourbonnais 24.684%

Village of Bradley 10.759%

D. **Communications**

Exec Dir Tyson present a letter from the City of Kankakee for an additional Board Member Alternate, Alderman Mike O'Brien. He also presented an Economic Alliance Donation letter. The Board decided that they will donate per municipalities.

VI. **Old Business**

A. **Bradley Property**

Dir Romo stated that Village of Bradley consultants have provided the Village of Bradley with a Phase 1 draft. The Consultants will be willing to release and present next board meeting.

B. **Security Updates**

Chairman Curtis stated the City of Kankakee have installed four cameras on KRMA property and they are up and running. You can access them via your phone, and they archive for 30 days.

C. **Approval of Budget Ordinance No. 2020-01 for Fiscal Year End April 30, 2024**

Karen gave a brief presentation on the Budget for FYE April 30, 2024. She put emphasis on the increases in payments that are due to the decrease in Newton County hauled in waste and the difference between the 16% and 20% set-aside to meet our bond requirement. Dir Romo asked what is the breakdown of the allocation between the flow, ownership, and the bond? Karen referred him to look at the Budget Worksheet where she explained to him the breakdown within categories. Dir Hunter asked about the travel expense budget item and Exec Dir Tyson answered his question. Chairman Curtis asked why is the bond service allocation different from the ownership percentage? Karen replied, she believes it was the ownership at the time the bond was issued. Vice Chairman Schore and Chairman Curtis would like to see the set-aside remain at 16% for now and increase later in the future. Dir Romo would like to increase the set-aside to 20%. Motion adopting to approve Budget Ordinance No. 2020-01 for Fiscal Year End April 30, 2024, with the set-aside at 16% was made by Vice Chairman Schore and seconded by Dir Hunter. All board members that were present voted in favor of; Dir Larry Osenga absent. Motion Carried.

VII. **New Business**

A. **Approval of 401(k) Increase for Management from 7% to 8%; Retro to May 1, 2023**

Motion to approve 401(k) Increase for management from 7% to 8%; Retro to May 1, 2023, was made by Dir Hunter and seconded by Dir Romo. All board members that were present voted in favor of; Dir Larry Osenga absent. Motion Carried.

B. **Sample Donation Letter**

Exec Dir Tyson stated we have created a sample request letter for donations for the support of KRMA's expansion. The letter will be signed by the Executive Director and Superintendent and the Mayors of the four municipalities that represent KRMA.

C. **Approval of Project Development Plan Checklist**

Dan Smalls of Strand Associates gave a presentation of the Final Project Development Plan that we want to send to IEPA so we can be eligible for federal funding. Exec Dir Tyson explained this Project Development Plan will also help us seek other grant money. Chairman Curtis asked how many construction jobs will this create? 40 construction jobs, however, 4000 other jobs. Dir Romo asked will we need additional staffing? Dan Small responded maybe one additional O & M Operator.

D. **Approval of IEPA Environmental Checklist**

Dan Small of Strand Associates gave a presentation of the IEPA Environmental Checklist along with the Project Development Plan Checklist.

VIII. **Executive Session**

A. **Personnel & Probable or Imminent Litigation**

None

IX. **Next Meeting**

Next Regular Board Meeting- **Thursday, June 22, 2023 (9:00 A.M. at KRMA Board Room)**

**Dir Danita Swanson asked for a schedule tour of the KRMA Plant in the fall.**

Motion to Adjourn was made by Dir Swanson and seconded by Vice Chairman Schore. All board members present voted in favor of, and Dir Larry Osenga absent. Motion Carried.



*Kankakee River Metropolitan Agency*

*Providing Wastewater Treatment to the Kankakee River Valley*



2023 SUMMER HELPERS

ROBERT BILLINGS

AND

OWEN SERAFINI-DUAX



**Monthly Operations Report**

**May 2023**

## KRMA'S MAY HIGHLIGHTS:

The KRMA has approval of its' Development Project Plan. Strand Associates, Inc. has prepared a plan and presented it to IEPA for approval. The City of Kankakee has provided KRMA with security cameras throughout the facility. KRMA has purchased two new vehicles, one for administration and one for operation staff.

The KRMA purchased tricycles with baskets for tools and transporting equipment using grant money from IPRF (workman compensation insurer), Safety Incentive Program. The use of these tricycles and the step challenge that was held this month has shown a noticeable lower fuel cost for the month of May.

The month of May, the Agency had violation of the monthly permit of the NPDES (National Pollutant Discharge Elimination System) permits. Due to failure of equipment, the facility did not meet its permit requirement for fecal coliform for the first week of May 400/100 ml daily. After receiving equipment needed for repair, we were back online approximately a week later. The chlorination season begins in May and runs through October for the destruction of fecal coliform.

## 1.0 WASTEWATER TREATMENT FACILITY OPERATION

**Attachment A** Details the monthly operational information for the facility.

## 2.0 INFLUENT FLOW

**Table 2.1** Summarizes total flow and average daily flow to the facility from each municipality.

**Attachment B** for details of daily flow rates.

**Table 2.1**  
*Plant Flows*

Municipality	Plant Influent	Kankakee	Bourbonnais	Bradley	Aroma Park
Total Flow (MGD)	382.51	241.20	97.296	42.940	1.078
Daily Average Flow (MGD)	12.34	7.78	3.139	1.385	0.035

### 3.0 EFFLUENT QUALITY

**Table 3.1** Summarizes the effluent quality data.

**Table 3.1**  
*Effluent Quality*

	IEPA Limits	Effluent Average
Biochemical Oxygen Demand (BOD) – Monthly Average	20 mg/l	4 mg/l
Total Suspended Solids (TSS) - Monthly Average	25 mg/l	10 mg/l
PH	6-9 SU	7.12 SU
Chlorine Residual	0.05 mg/l	0.020 mg/l
Fecal Coliform	400/100 ml	8/100 ml

### ODOR ISSUES:

- There were no odor complaints registered at the KRMA facility in May.
- There were no odor complaints registered at the East Gate site in May.

### 4.0 PERSONNEL

The Agency would like to Congratulate these KRMA employees for May work anniversaries. Thank you all for being such a valuable and loyal member of our team. Your knowledge, hard work and dedication is greatly appreciated.

Shaun Ownbey, Lead O & M Operator Specialist, 18 years

Michael Gowler, O & M Operator Specialist, 9 years

The Agency would like to say “HAPPY BIRTHDAY” to all the employees born in May.

Employees continue to follow the COVID-19 Warning signs and Safety Tips. One of the best ways to help keep workers healthy is to stay home **except** for necessary outings, and when you do go out for the necessities, there are steps you can take to minimize the risk of spreading illness.



**5.0 MAINTENANCE AND REPAIR**

Number of Work Orders Closed for the Month: 1066  
Hours of Scheduled Work Orders Performed: 653.57

**6.0 SLUDGE HANDLING**

Start Date: 05/01/2023  
End Date: 05/31/2023

Gallons of sludge produced and sent to thickening: 3,343,020.00  
Gallons of sludge put into storage after thickening: 1,270,200.00  
Sludge removed from the plant for land application: 0.00  
Sludge remaining in storage as of January 31<sup>st</sup>: 1,825,000.00

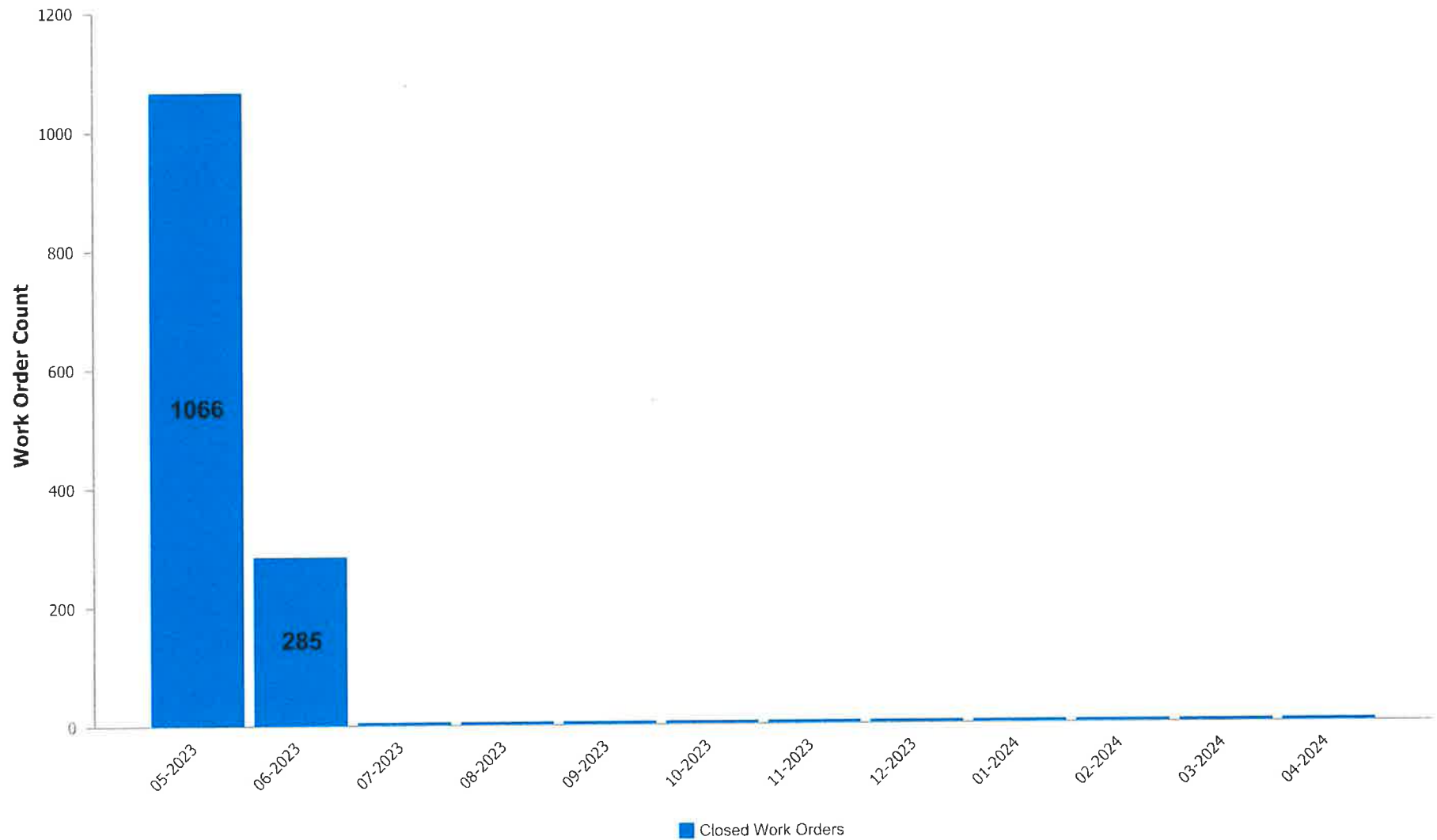
**7.0 WATER USAGE**

MAY 2023 (31 DAYS): 48,486 CU FT= 362,700 GALS. = \$3,215.49

NUMBER OF DAYS IN THE BILLING CYCLE: 31

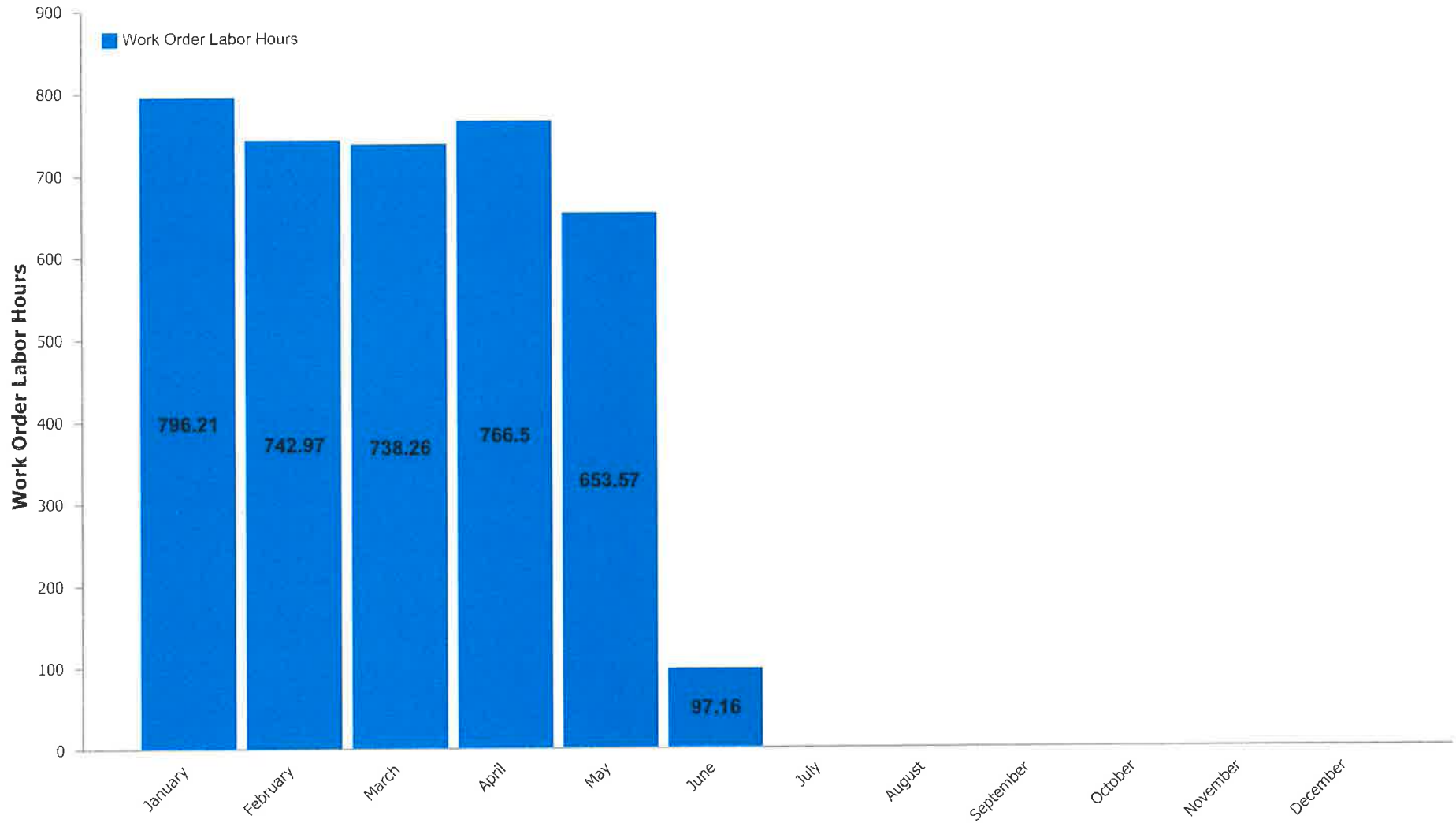
# Work Orders Closed By Month

From May, 2023 to April, 2024



# Work Order Labor Hours by Month

2023



# **ATTACHMENT**

## **A**

**DMR Monthly Report**

5/1/2023 to 5/31/2023

Var #	452	159	119	236	454	351	113	237	386
	EFF FLOW	001 Eff pH	FINAL EFF TSS	Weekly ave Eff TSS	EFF TSS	WeeklyAveEffTSS	EFF-C-BOD	Weekly Ave EffCBOD	EFF C-BOD
Date	MGD	STD UNIT	mg/L	MG/L	LBS/D	LBS/Day	mg/l	MG/L	lbs\day
5/1/2023	12.320	7.03	13		1,336		5		514
5/2/2023	12.382	7.10	11		1,136		5		516
5/3/2023	12.485	7.14	9		937		4		416
5/4/2023	11.606	6.98	15		1,452		7		678
5/5/2023	11.465	6.97	13		1,243				
5/6/2023	11.146		14	13	1,301	1,239	3	5	279
5/7/2023	10.762		12		1,077		3		269
5/8/2023	12.714	7.18	10		1,060		4		424
5/9/2023	13.498	7.06	12		1,351		5		563
5/10/2023	11.974	7.15	9		899		4		399
5/11/2023	11.723	7.19	14		1,369		3		293
5/12/2023	13.644	7.16	6		683				
5/13/2023	14.701		10	10	1,226	1,095	3	4	368
5/14/2023	15.131		11		1,388		3		379
5/15/2023	16.133	7.10	7		942		4		538
5/16/2023	15.427	7.15	8		1,029		4		515
5/17/2023	14.143	7.03	5		590		4		472
5/18/2023	13.139	7.28	6		657		4		438
5/19/2023	12.957	7.04	8		864				
5/20/2023	12.485		8	8	833	901	3	4	312
5/21/2023	12.220		9		917		3		306
5/22/2023	11.425	7.25	7		667		4		381
5/23/2023	11.728	6.98	8		782		5		489
5/24/2023	11.585	7.19	9		870		4		386
5/25/2023	11.161	7.44	8		745		4		372
5/26/2023	11.078	7.06	7		647				
5/27/2023	11.055		11	8	1,014	806	2	4	184
5/28/2023	10.906		8		728		2		182
5/29/2023	10.758		8		718		4		359
5/30/2023	10.294	7.00	9		773		6		515
5/31/2023	10.464	7.13	12		1,047		6		524

Minimum	10.294	<b>6.97</b>	5	8	590	806	2	4	182
Maximum	16.133	<b>7.44</b>	15	<b>13</b>	1,452	<b>1,239</b>	7	<b>5</b>	678
Average	12.339	7.12	<b>10</b>	10	<b>977</b>	1,010	<b>4</b>	4	<b>410</b>
Sum	382.509	156.61	297	39	30,281	4,041	108	16	11,072

<b>Limit</b>		<b>Range 6-9</b>	<b>25</b>	<b>45</b>	<b>9383</b>	<b>16889</b>	<b>20</b>	<b>40</b>	<b>7506</b>
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**DMR Monthly Report**

5/1/2023 to 5/31/2023

Var #	352	187	191	401	101	450	115	451	455
	WeeklyAverageEffCBOD	001 EFF CL2	FECAL COLI 001	TOTAL INF FLOW	INFLUENT BOD	INF BOD LOAD	INFLUENT TSS	INF TSS	BOD REMOVAL
Date	LBS/Day	mg/L	#/100ml	MGD	mg/L	LBS/D	mg/L	LBS/D	%
5/1/2023		0.011	7	12.32	287	29,489	420	43,154	98
5/2/2023		0.011	8	12.38	394	40,687	566	58,448	99
5/3/2023				12.49	310	32,279	300	31,237	99
5/4/2023				11.61	312	30,200	280	27,102	98
5/5/2023				11.47			302	28,877	
5/6/2023	466			11.15	151	14,037	280	26,028	98
5/7/2023				10.76	244	21,900	524	47,032	99
5/8/2023				12.71	320	33,931	168	17,814	99
5/9/2023				13.50	338	38,050	300	33,772	99
5/10/2023				11.97	314	31,357	276	27,562	99
5/11/2023				11.72	220	21,509	378	36,957	99
5/12/2023				13.64			128	14,565	
5/13/2023	386			14.70	193	23,663	296	36,291	98
5/14/2023				15.13	131	16,531	178	22,462	98
5/15/2023		0.023	1	16.13	188	25,295	178	23,950	98
5/16/2023		0.026	4	15.43	255	32,809	232	29,849	98
5/17/2023		0.016	3	14.14	143	16,867	186	21,939	97
5/18/2023		0.017	3	13.14	175	19,176	230	25,203	98
5/19/2023		0.020	1	12.96			156	16,858	
5/20/2023	442			12.49	230	23,949	266	27,697	99
5/21/2023				12.22	196	19,975	244	24,867	98
5/22/2023		0.015	1	11.43	222	21,153	208	19,819	98
5/23/2023		0.010	3	11.73	336	32,865	376	36,777	99
5/24/2023		0.019	47	11.59	279	26,957	208	20,097	99
5/25/2023		0.028	24	11.16	234	21,781	262	24,388	98
5/26/2023		0.027	0	11.08			190	17,554	
5/27/2023	353			11.06	120	11,064	480	44,255	98
5/28/2023				10.91	143	13,007	202	18,373	99
5/29/2023				10.76	174	15,612	272	24,404	98
5/30/2023		0.022	4	10.29	289	24,811	456	39,148	98
5/31/2023		0.036	3	10.46	248	21,643	196	17,105	98

Minimum	353	0.010	0	10.29	120	11,064	128	14,565	97
Maximum	466	0.036	47	16.13	394	40,687	566	58,448	99
Average	412	0.020	8	12.34	239	24,467	282	28,503	98
Sum	1,647	0.281	109	382.51	6,446	660,596	8,738	883,588	2,653

<b>Limit</b>	<b>15012</b>	<b>0.05</b>	<b>400</b>						
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**DMR Monthly Report**

5/1/2023 to 5/31/2023

Var #	456	1040	1041	1042	1043	255	297	953	1023
	TSS REMOVAL	North Effluent DO - SCADA	South Effluent DO - SCADA	Daily Average Effluent DO	Effluent DO weekly average	FINAL EFF NH3N	Eff Nitrogen #	Eff_Total Phosphoru s- TP(TNT)	Effluent Total Nitrogen
Date	%	mg/l	mg/l	mg/l	mg/l	mg/L	#/day	mg/l	mg/l
5/1/2023	97	7.12	7.07	7.10		0.44	45.41	0.21	
5/2/2023	98	7.10	7.03	7.07		0.46	47.19	0.36	13.26
5/3/2023	97	7.04	7.09	7.07		0.13	13.12	0.32	
5/4/2023	95	7.01	7.07	7.04		0.03	2.86	0.22	
5/5/2023	96	6.97	7.02	7.00					
5/6/2023	95	7.14	7.13	7.14	7.07				
5/7/2023	98	7.16	7.17	7.17		0.05	4.49	0.13	
5/8/2023	94	6.98	7.08	7.03		0.31	32.76	0.16	
5/9/2023	96	6.86	7.04	6.95		0.05	5.63	0.27	
5/10/2023	97	6.85	7.00	6.93		0.05	4.99	0.30	
5/11/2023	96	6.82	6.87	6.85		0.05	4.89	0.30	9.18
5/12/2023	95	6.74	6.86	6.80					
5/13/2023	97	6.50	6.62	6.56	6.90				
5/14/2023	94	6.97	7.08	7.03		1.77	223.36	0.24	
5/15/2023	96	7.22	7.33	7.28		0.11	15.34	0.21	8.96
5/16/2023	97	6.61	6.76	6.69		0.21	26.38	0.32	
5/17/2023	97	6.72	6.83	6.78		0.14	16.99	0.26	
5/18/2023	97	6.73	6.83	6.78		0.15	16.33	0.22	
5/19/2023	95	6.87	6.93	6.90					
5/20/2023	97	6.79	6.93	6.86	6.90				
5/21/2023	96	6.80	6.95	6.88		0.05	5.10	0.23	
5/22/2023	97	7.14	7.15	7.15		0.09	8.19	0.20	
5/23/2023	98	7.35	7.46	7.41		0.15	15.06	0.26	
5/24/2023	96	7.71	7.85	7.78		0.10	9.76	0.40	9.02
5/25/2023	97	7.79	7.90	7.85		0.10	9.00	0.27	
5/26/2023	96	7.88	7.97	7.93					
5/27/2023	98	7.76	7.89	7.83	7.54				
5/28/2023	96	7.73	7.84	7.79					
5/29/2023	97	7.73	7.83	7.78		0.05	4.49	0.17	
5/30/2023	98	7.72	7.81	7.77		0.05	4.29	0.22	
5/31/2023	94	7.39	7.52	7.46		0.05	4.39	0.43	

Minimum	94	6.50	6.62	<b>6.56</b>	<b>6.90</b>	0.03	2.86	0.13	8.96
Maximum	98	7.88	7.97	7.93	7.54	<b>1.77</b>	<b>223.36</b>	0.43	13.26
Average		7.14	7.22	7.18	7.10	0.21	23.64	0.26	10.11
Sum	2,985	221.20	223.91	222.56	28.41	4.58	520.01	5.73	40.42

<b>Limit</b>				<b>min &gt;5.0</b>	<b>&gt;6.25</b>	<b>7.9</b>	<b>2965</b>		
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# DMR Monthly Report

5/1/2023 to 5/31/2023

Var #	1044	1048	1045	102	116	1046	1047
	Fecal Coliform at EQ Basin	EQ Basin Residual Chlorine	EQ Basin pH	EQ Basin BOD	EQ Basin TSS	EQ Basin Ammonia Nitrogen	EQ Basin Total Phosphorus
Date	col/100ml	mg/l		mg/L	mg/L	mg/l	mg/l
5/1/2023							
5/2/2023							
5/3/2023							
5/4/2023							
5/5/2023							
5/6/2023							
5/7/2023							
5/8/2023							
5/9/2023							
5/10/2023							
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5/30/2023							
5/31/2023							

Minimum
Maximum
Average
Sum

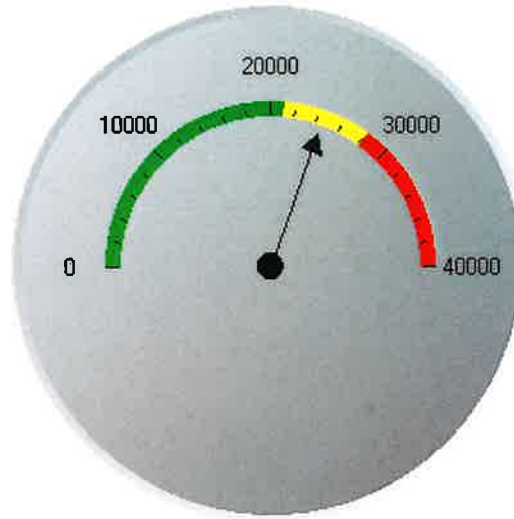

<b>400</b>	<b>0.75</b>	<b>Range 6-9</b>					
------------	-------------	------------------	--	--	--	--	--



Influent BOD loading Lbs - Monthly AVG

24,467 Lbs./Day

05/01/2023 - 05/31/2023



Influent NH3 loading Lbs - Monthly AVG

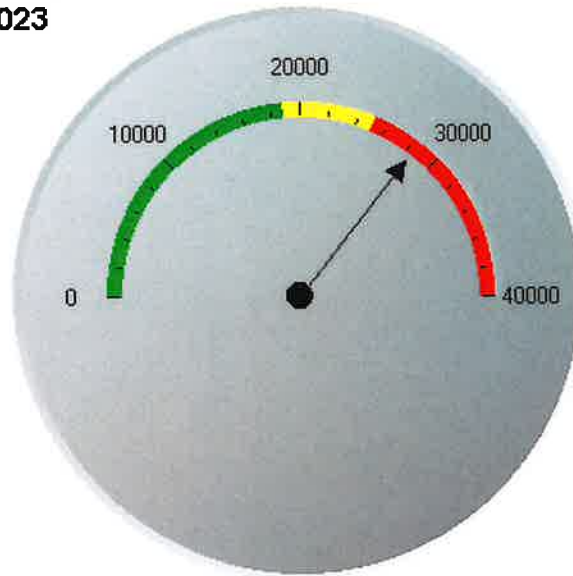
2,094 Lbs./Day

05/01/2023 - 05/31/2023



Influent TSS loading Lbs - Monthly AVG  
05/01/2023 - 05/31/2023

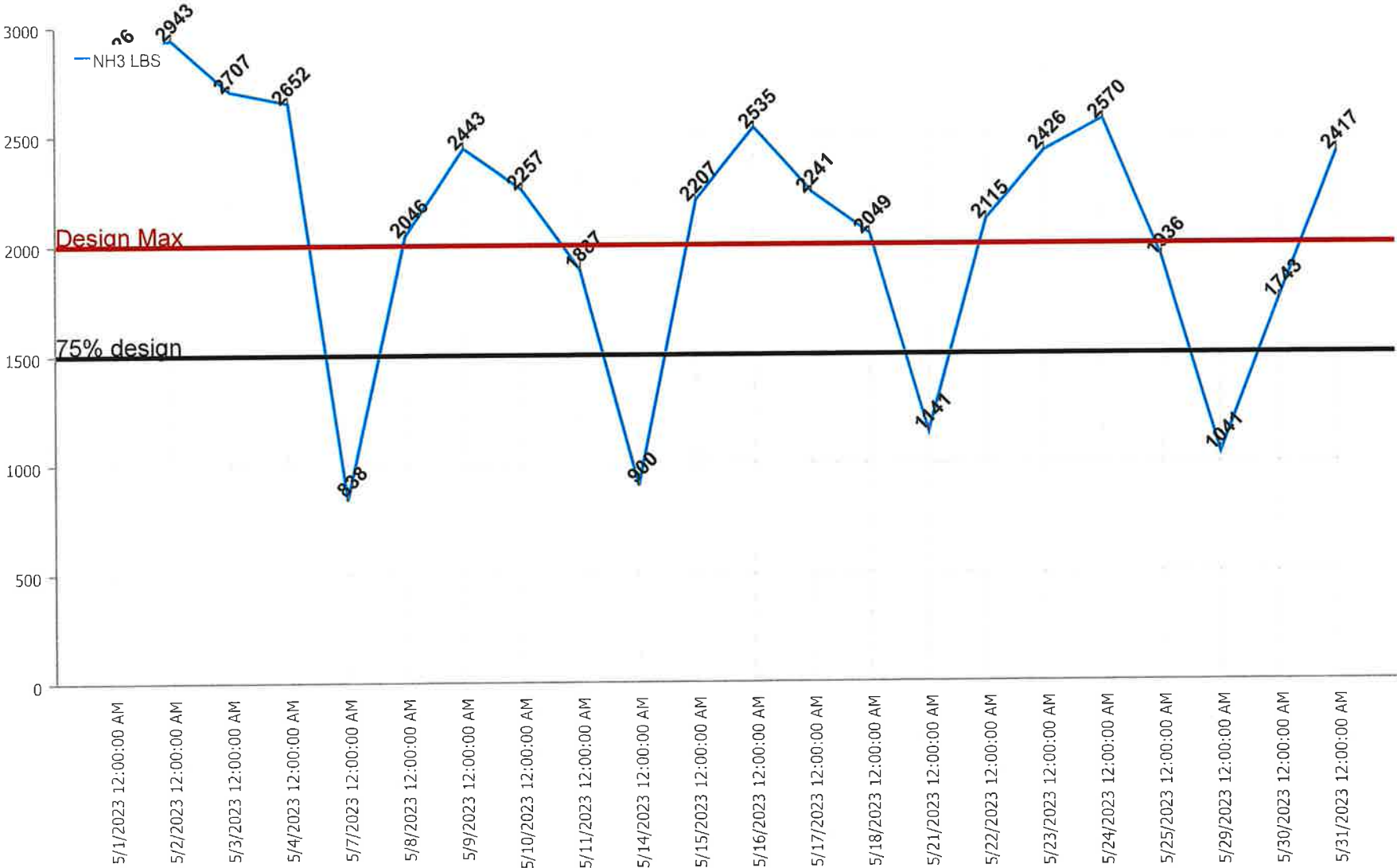
28,503 Lbs./Day



0 to 18900 - Target Loading  
18900 to 25200 - Above 75% Threshold  
Above 25200

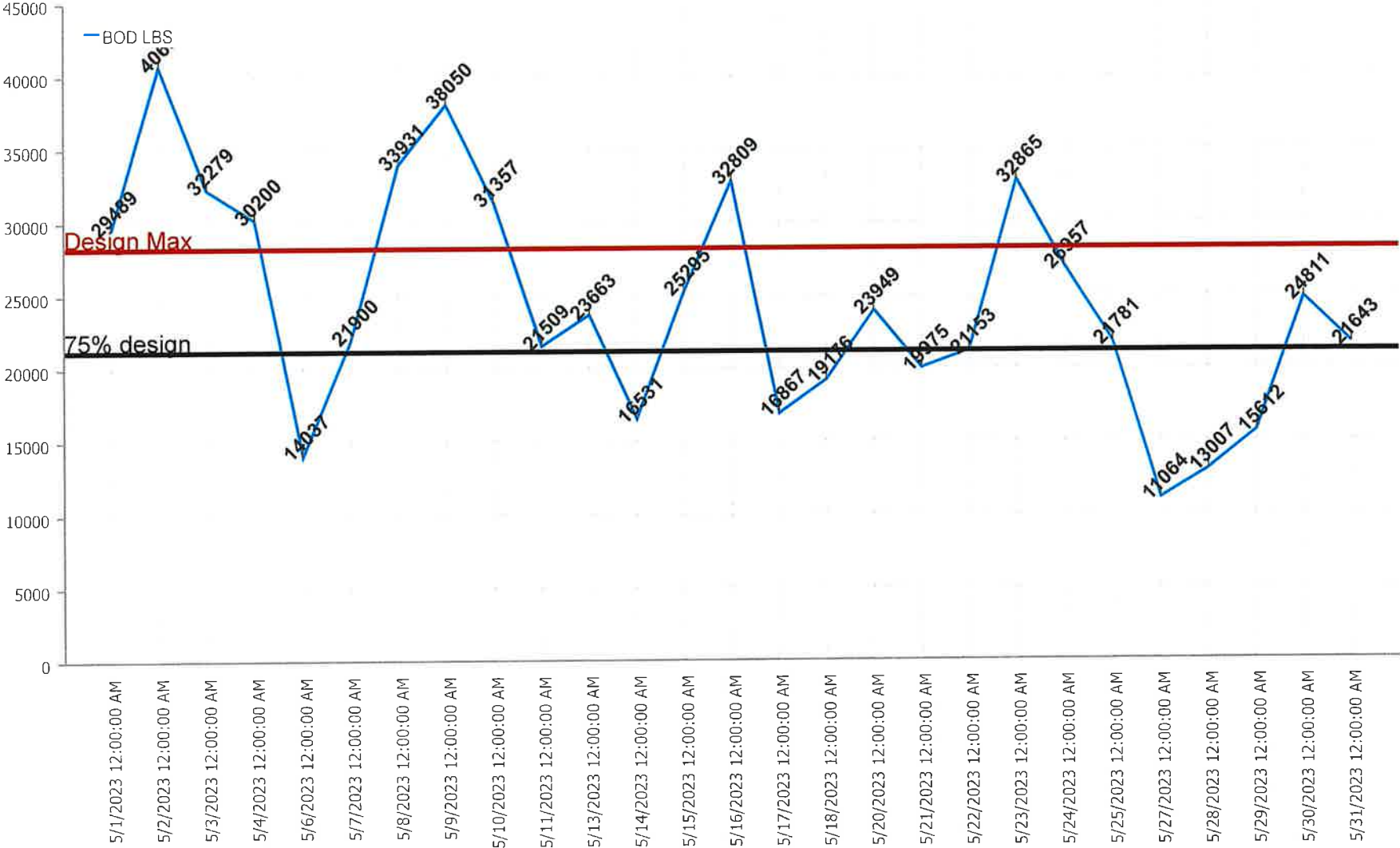
# KRMA influent NH3 pounds

Average Lbs. NH3: 2,087.27



# KRMA influent BOD pounds

Average Lbs. BOD: 24,466.56



# **ATTACHMENT**

## **B**



# **ATTACHMENT**

# **C**



SAFETY MEETING  
June 13, 2023  
9:30am & 1:30pm  
Agenda

**I. Safety Minutes**

Review minutes from May 2023.

**II. Old Business**

There was one lost time accident for the month of May 2023.

**III. New Business**

A. Safety Training

1. Confined Space Entry
2. Ladder Safety handout

B. Safety Concerns

C. Safety Team Leader Report

Safety Team Leader responsibilities transferred from Jim Churney to Dan Combs

D. Open Discussion

1. Step Challenge Winner
2. CEU reminder; Due July 1, 2023 for Class 1 & 2 Operators
3. O&M hiring update

**Next Meeting: Thursday, July 13, 2023 9:30am & 1:30pm**





SAFETY MEETING  
May 18, 2023  
9:30am & 1:30pm  
Minutes

**In attendance:**

**9:30am session:**

Melanie Gossett, Facilitator

Shaun Ownbey                  Dan Combs                  Nick Scheppler

Mike Gowler                  Max Gossett                  Nick Tucker

**1pm session:**

Melanie Gossett, Facilitator; Kimberly Lund, Instructor

Shawn Malone                  Jim Churney                  Ron Haney                  Josh Peters

Bryan Kennedy                  John Lund                  Mike Arseneau                  RJ Tyson

**Absent:**

Jack Renchen, Alex Bowser

**I. Safety Minutes**

Minutes from April 2023 - Approved

**II. Old Business**

There were no lost time accidents for the month of April 2023.

**III. New Business**

**A. Safety Training**

1. *Lock-Out/Tag-Out Training For Affected & Authorized Employees Update* video presentation. The video was followed by Q&A:
  - a. The Safety Manual states that the lock-out/tag-out should be verified by Lead Operator.
    - ✓ Based on the absence of Lead Operators on the off-shifts, this portion of the Safety Manual will be revised to state: Call your supervisor if you have any concerns or issues when locking/tagging any equipment.
  - b. Tag only if you have no other means of locking out the equipment. Notify supervisor or leads if this method is utilized.
  - c. Please note, share the lock-out/tag-out location/equipment with the day's operations operator so they are aware of it.

2. An Occupational Heat Exposure informational handout from OSHA was reviewed.

#### B. Safety Concerns

1. Everyone was made aware of the re-piping configuration in the Chlorine Evaporation room in building #85.

- ✓ The area is located on the east side of the evaporator and lined with caution tape as a reminder.

2. The AED pads are expired.

- ✓ The replacement pads are no longer available. The AED units will have to be replaced.

3. The lights on the south side of building #15 are out.

- ✓ Josh volunteered to address.

4. Concerns were expressed about the state of the media in the CL2 & SO2 scrubber room.

- ✓ Dustin is researching cost of total replacement.

#### C. Safety Team Report

No concerns mentioned.

#### D. Open Discussion

1. The Step Challenge will be ending June 4<sup>th</sup>. Winners will be announced the week of June 5<sup>th</sup>.

2. All Class 1 & 2 Operators who were issued their license before July 1, 2020 must acquire 30 CEUs before the July 1, 2023 deadline.

3. The new KRMA Newsletter was received positively from the operators.

4. There are 17 current applications for the available O&M Specialist position. Deadline to apply is May 26<sup>th</sup>.

5. Off-shift employees were reminded to complete an incident report if a minor injury occurs on their shift. You can place it in Melanie's mailbox or slip it under her door.

6. A question was asked about retro 401-k contributions.

- ✓ Retro funds have been distributed.

7. An update on the time off spreadsheet reflecting the 3 days (24hrs) earned after 15 years of service was requested.

- ✓ It will be corrected on the spreadsheet included in the next pay period.

8. Juneteenth needs to be added to the holiday list posted on the front entrance of Building #10.

- ✓ Tawonda will update.



# **ATTACHMENT**

## **D**

## FIELD CALIBRATION SHEET

COMPANY: KRMA

CITY: KANKAKEE/BROOKMONT

FLOW METER MODEL: ISCO Signature

INFLUENT June 6th, 2023

PRIMARY DEVICE: PHARSHAL

FLOW: 0-516 GPM 0-13.20 IN

MEASURING DEVICE: ULTRASONIC

### CHECK POINTS:

LEVEL? YES

FREE FLOWING? YES

TURBULENCE? NO

BLOCKAGE? Yes clogged with rags Cleaned

SURFACE BUILD-UP? NO

HEAD MEASURING DEVICE MOUNTED PROPERLY?

BLOCKAGE IN HEAD MEASURING DEVICE? NO

IS FLOW METER PROGRAMMED CORRECTLY? Yes

### CALIBRATION:

**NOTE: THE ZERO POINT FOR MEASURING MUST BE LEVEL WITH THE WEIR CREST OR FLUME ZERO POINT:**

A) IF POSSIBLE, CUT-OFF FLOW & SET LEVEL TO 0.000FT

LEVEL BEFORE:

LEVEL AFTER:

B) IF FLOW CANNOT BE CUT-OFF, ADJUST LEVEL ON METER TO MEASURED POINT:

LEVEL BEFORE: Target 24.125" Level 24.108

LEVEL AFTER: 24.123"

### LEVEL FLOW CONVERSION CHECK:

WITH FLOW THRU PRIMARY DEVICE, CHECK LEVEL TO FLOW CONVERSION WITH HANDBOOK OR PRIMARY DEVICE DATA SHEET: Yes

### TOTALIZER CHECK:

WITH FLOW GOING THRU PRIMARY DEVICE, VERIFY THAT TOTAL FLOW IS INTEGRATING PROPERLY USING TIMED RATE METHOD: Yes

CALIBRATED BY: Brian Scheppler

DATE 6/6/2023

BC SYSTEMS INC.  
2778 N. 4000 E. ROAD  
BOURBONNAIS ILLINOIS 60914  
PHONE: 1-815-671-1257  
FAX: 1-815-802-0219

## FIELD CALIBRATION SHEET

COMPANY: KRMA

CITY: BRADLEY/ RIVER DRIVE

FLOW METER MODEL: Isco Signature

INFLUENT June 6th, 2023

PRIMARY DEVICE: PHARSHAL

FLOW: 0-21.36

MEASURING DEVICE: ULTRASONIC

### CHECK POINTS:

LEVEL? YES

FREE FLOWING? Yes

TURBULENCE? Yes

BLOCKAGE? NO

SURFACE BUILD-UP? NONE

HEAD MEASURING DEVICE MOUNTED PROPERLY? YES

BLOCKAGE IN HEAD MEASURING DEVICE? NO

IS FLOW METER PROGRAMMED CORRECTLY? YES

### CALIBRATION:

NOTE: THE ZERO POINT FOR MEASURING MUST BE LEVEL WITH THE WEIR CREST OR FLUME ZERO POINT:

A) IF POSSIBLE, CUT-OFF FLOW & SET LEVEL TO 0.000FT

LEVEL BEFORE:

LEVEL AFTER:

B) IF FLOW CANNOT BE CUT-OFF, ADJUST LEVEL ON METER TO MEASURED POINT:

LEVEL BEFORE: Target 7" Level reading 7.105"

LEVEL AFTER: 7.035"

### LEVEL FLOW CONVERSION CHECK:

WITH FLOW THRU PRIMARY DEVICE, CHECK LEVEL TO FLOW CONVERSION WITH HANDBOOK OR PRIMARY DEVICE DATA SHEET: YES/OK

### TOTALIZER CHECK:

WITH FLOW GOING THRU PRIMARY DEVICE, VERIFY THAT TOTAL FLOW IS INTEGRATING PROPERLY USING TIMED RATE METHOD: YES/OK

CALIBRATED BY: BRIAN SCHEPPLER

DATE: 6/6/2023

BC SYSTEMS INC.  
2778 N. 4000 E. ROAD  
BOURBONNAIS ILLINOIS 60914  
PHONE: 1-815-671-1257  
FAX: 1-815-802-0219

## FIELD CALIBRATION SHEET

COMPANY: KRMA

CITY: KANKAKEE

FLOW METER MODEL: Siemens Hydro Ranger #1

Influent June 6th, 2023

PRIMARY DEVICE: Flume

FLOW: 0-73 MGD

MEASURING DEVICE: Ultrasonic

### CHECK POINTS:

LEVEL? YES

FREE FLOWING? Yes

TURBULENCE? No

BLOCKAGE? NO

SURFACE BUILD-UP? No

HEAD MEASURING DEVICE MOUNTED PROPERLY? YES

BLOCKAGE IN HEAD MEASURING DEVICE? NO

IS FLOW METER PROGRAMMED CORRECTLY? YES

### CALIBRATION:

NOTE: THE ZERO POINT FOR MEASURING MUST BE LEVEL WITH THE WEIR CREST OR FLUME ZERO POINT:

A) IF POSSIBLE, CUT-OFF FLOW & SET LEVEL TO 0.000FT  
LEVEL BEFORE:

LEVEL AFTER:

B) IF FLOW CANNOT BE CUT-OFF, ADJUST LEVEL ON METER TO MEASURED  
POINT:

LEVEL BEFORE: Target Set 22 MGD AS Found 22.02 MGD

LEVEL AFTER: 22.02 MGD

### LEVEL FLOW CONVERSION CHECK:

WITH FLOW THRU PRIMARY DEVICE, CHECK LEVEL TO FLOW CONVERSION WITH HANDBOOK OR PRIMARY DEVICE DATA SHEET: YES/OK

### TOTALIZER CHECK:

WITH FLOW GOING THRU PRIMARY DEVICE, VERIFY THAT TOTAL FLOW IS INTEGRATING PROPERLY USING TIMED RATE METHOD: YES/OK

CALIBRATED BY: BRIAN SCHEPPLER

DATE: 6/6/23

BC SYSTEMS INC.  
2778 N. 4000 E. ROAD  
BOURBONNAIS ILLINOIS 60914  
PHONE: 1-815-671-1257  
FAX: 1-815-802-0219

**FIELD CALIBRATION SHEET**

COMPANY: KRMA

CITY: KANKAKEE/RIVERLANE

FLOW METER MODEL: Isco Signature

INFLUENT June 6th, 2023

PRIMARY DEVICE: PHARSHAL

FLOW: 0-516 GPM 0-13.20 IN

MEASURING DEVICE: ULTRASONIC

**CHECK POINTS:**

LEVEL? YES

FREE FLOWING?

TURBULENCE? NO

BLOCKAGE? No

SURFACE BUILD-UP? No

HEAD MEASURING DEVICE MOUNTED PROPERLY? Yes

BLOCKAGE IN HEAD MEASURING DEVICE? NO

IS FLOW METER PROGRAMMED CORRECTLY? Yes

**CALIBRATION:**

NOTE: THE ZERO POINT FOR MEASURING MUST BE LEVEL WITH THE WEIR CREST OR FLUME ZERO POINT:

A) IF POSSIBLE, CUT-OFF FLOW & SET LEVEL TO 0.000FT  
LEVEL BEFORE:

LEVEL AFTER:

B) IF FLOW CANNOT BE CUT-OFF, ADJUST LEVEL ON METER TO MEASURED  
POINT

C) LEVEL BEFORE: TARGET SET 24.125 Level 24.109  
LEVEL AFTER: 24.125"

**LEVEL FLOW CONVERSION CHECK:**

WITH FLOW THRU PRIMARY DEVICE, CHECK LEVEL TO FLOW CONVERSION WITH HANDBOOK OR PRIMARY DEVICE DATA SHEET: Yes

**TOTALIZER CHECK:**

WITH FLOW GOING THRU PRIMARY DEVICE, VERIFY THAT TOTAL FLOW IS INTEGRATING PROPERLY USING TIMED RATE METHOD: Yes

CALIBRATED BY: Brian Scheppler

DATE: 6/6/2023

BC SYSTEMS INC.  
2778 N. 4000 E. ROAD  
BOURBONNAIS ILLINOIS 60914  
PHONE: 1-815-671-1257  
FAX: 1-815-802-0219



## FIELD CALIBRATION SHEET

COMPANY: KRMA

CITY: KANKAKEE

FLOW METER MODEL: Siemens Hydro Ranger #2

INFLUENT June 6th, 2023

PRIMARY DEVICE: Flume

FLOW: 0-73.425 MGD

MEASURING DEVICE: Ultrasonic

### CHECK POINTS:

LEVEL? YES

FREE FLOWING? Yes

TURBULENCE? NO

BLOCKAGE? NO

SURFACE BUILD-UP? No

HEAD MEASURING DEVICE MOUNTED PROPERLY? YES

BLOCKAGE IN HEAD MEASURING DEVICE? NO

IS FLOW METER PROGRAMMED CORRECTLY? YES

### CALIBRATION:

**NOTE: THE ZERO POINT FOR MEASURING MUST BE LEVEL WITH THE WEIR CREST OR FLUME ZERO POINT:**

A) IF POSSIBLE, CUT-OFF FLOW & SET LEVEL TO 0.000FT

LEVEL BEFORE:

LEVEL AFTER:

B) IF FLOW CANNOT BE CUT-OFF, ADJUST LEVEL ON METER TO MEASURED POINT:

LEVEL BEFORE: Target Set 22 MGD AS Found 21.94 MGD

LEVEL AFTER: 21.94 MGD

### LEVEL FLOW CONVERSION CHECK:

WITH FLOW THRU PRIMARY DEVICE, CHECK LEVEL TO FLOW CONVERSION WITH HANDBOOK OR PRIMARY DEVICE DATA SHEET: YES/OK

### TOTALIZER CHECK:

WITH FLOW GOING THRU PRIMARY DEVICE, VERIFY THAT TOTAL FLOW IS INTEGRATING PROPERLY USING TIMED RATE METHOD: YES/OK

CALIBRATED BY: BRIAN SCHEPPLER

DATE: 6/6/2023

BC SYSTEMS INC.  
2778 N. 4000 E. ROAD  
BOURBONNAIS ILLINOIS 60914  
PHONE: 1-815-671-1257  
FAX: 1-815-802-0219

## FIELD CALIBRATION SHEET

COMPANY: KRMA

CITY: BOURBONNAIS/New

FLOW METER MODEL: Isco Laser Flow

INFLUENT June 14th, 2023

PRIMARY DEVICE: 36" PIPE

FLOW: 0-21.36 MGD

MEASURING DEVICE:

### CHECK POINTS:

LEVEL? YES

FREE FLOWING? Yes

TURBULENCE? NO

BLOCKAGE? NO

SURFACE BUILD-UP? None

HEAD MEASURING DEVICE MOUNTED PROPERLY? YES

BLOCKAGE IN HEAD MEASURING DEVICE? NO

IS FLOW METER PROGRAMMED CORRECTLY? YES

### CALIBRATION:

NOTE: THE ZERO POINT FOR MEASURING MUST BE LEVEL WITH THE WEIR CREST OR FLUME ZERO POINT:

A) IF POSSIBLE, CUT-OFF FLOW & SET LEVEL TO 0.000FT

LEVEL BEFORE:

LEVEL AFTER:

B) IF FLOW CANNOT BE CUT-OFF, ADJUST LEVEL ON METER TO MEASURED POINT:

LEVEL BEFORE: Target level 14.0" As found 13.935"

LEVEL AFTER: 13.935"

### LEVEL FLOW CONVERSION CHECK:

WITH FLOW THRU PRIMARY DEVICE, CHECK LEVEL TO FLOW CONVERSION WITH HANDBOOK OR PRIMARY DEVICE DATA SHEET: YES/OK

### TOTALIZER CHECK:

WITH FLOW GOING THRU PRIMARY DEVICE, VERIFY THAT TOTAL FLOW IS INTEGRATING PROPERLY USING TIMED RATE METHOD: YES/OK

CALIBRATED BY: BRIAN SCHEPPLER

DATE: 6/14/2023

BC SYSTEMS INC.  
2778 N. 4000 E. ROAD  
BOURBONNAIS ILLINOIS 60914  
PHONE: 1-815-671-1257  
FAX: 1-815-802-0219

## FIELD CALIBRATION SHEET

COMPANY: KRMA

CITY: Kankakee Influent

FLOW METER MODEL: Isco Laser Flow

INFLUENT June 14th, 2023

PRIMARY DEVICE: 72" PIPE

FLOW: 0-115 MGD

MEASURING DEVICE:

CHECK POINTS:

LEVEL? YES

FREE FLOWING? Yes

TURBULENCE? NO

BLOCKAGE? NO

SURFACE BUILD-UP? None

HEAD MEASURING DEVICE MOUNTED PROPERLY? YES

BLOCKAGE IN HEAD MEASURING DEVICE? NO

IS FLOW METER PROGRAMMED CORRECTLY? YES

CALIBRATION:

NOTE: THE ZERO POINT FOR MEASURING MUST BE LEVEL WITH THE WEIR CREST OR FLUME ZERO POINT:

A) IF POSSIBLE, CUT-OFF FLOW & SET LEVEL TO 0.000FT

LEVEL BEFORE:

LEVEL AFTER:

B) IF FLOW CANNOT BE CUT-OFF, ADJUST LEVEL ON METER TO MEASURED POINT:

LEVEL BEFORE: Target level 44.0" As found 39.560"

LEVEL AFTER: 44.02"

LEVEL FLOW CONVERSION CHECK:

WITH FLOW THRU PRIMARY DEVICE, CHECK LEVEL TO FLOW CONVERSION WITH HANDBOOK OR PRIMARY DEVICE DATA SHEET: YES/OK

TOTALIZER CHECK:

WITH FLOW GOING THRU PRIMARY DEVICE, VERIFY THAT TOTAL FLOW IS INTEGRATING PROPERLY USING TIMED RATE METHOD: YES/OK

CALIBRATED BY: BRIAN SCHEPPLER

DATE: 6/14/2023

BC SYSTEMS INC.  
2778 N. 4000 E. ROAD  
BOURBONNAIS ILLINOIS 60914  
PHONE: 1-815-671-1257  
FAX: 1-815-802-0219

# **ATTACHMENT**

**E**

May 2023 Monthly Pretreatment Sample Analysis (metals, cyanide & VOA) for the permitted industries were a total of **72 samples** and a total of **458 analyses**.

<b>Gilster-Mary Lee Corporation</b>	4 Samples
<b>Hoffman Transportation, LLC</b>	8 Samples
<b>Kankakee Recycling &amp; Disposal Facility</b>	3 Samples
<b>Laraway Recycling &amp; Disposal Facility</b>	4 Samples
<b>Liberty Landfill, LLC</b>	10 Samples
<b>Livingston Landfill</b>	6 Samples
<b>Natural Gas &amp; Pipeline Co. of America</b>	3 Samples
<b>Newton County Landfill</b>	10 Samples
<b>Prairie View RDF</b>	9 Samples
<b>Tank Cleaning Solutions, LLC</b>	15 Samples

Volumes Received for May 2023 for trucked-in industries.

<b>Gilster-Mary Lee Corporation</b>	24,000 gals	4 loads
<b>Hoffman Transportation, LLC</b>	140,000 gals	28 loads
<b>Kankakee Recycling &amp; Disposal Facility</b>	42,000 gals	6 loads
<b>Lake County C&amp;D Landfill</b>	0 gals	0 loads
<b>Laraway Recycling &amp; Disposal Facility</b>	94,243 gals	16 loads
<b>Liberty 3 LFGTE Plant - Wabash Valley Power Alliance</b>	0 gals	0 loads
<b>Liberty Landfill, LLC</b>	1,143,477 gals	172 loads
<b>Livingston Landfill</b>	153,374 gals	23 loads
<b>Momence Packing</b>	0 gals	0 loads
<b>Natural Gas &amp; Pipeline Co. of America</b>	15,000 gals	3 loads
<b>Newton County Landfill</b>	117,933 gals	17 loads
<b>Peoria Packing Co.</b>	0 gals	0 loads
<b>Prairie View - Will County RNG Plant</b>	0 gals	0 loads
<b>Prairie View RDF</b>	487,660 gals	74 loads
<b>Tank Cleaning Solutions, LLC</b>	209,480 gals	40 loads
<b>Verdant Specialty Solutions US LLC</b>	0 gals	0 loads
<b>Zutat Feed Solutions</b>	0 gals	0 loads
<b>Totals:</b>	<b>2,427,167 gals</b>	<b>383 loads</b>

The KRMA Facility received a total of **216 loads** of septage which totalled **674,300 gallons** for the month of May 2023

KRMA YEARLY UTILITY USAGE - (2023)

	KRMA ELECTRIC ENERGY USE									KRMA WATER USE				
	Total KWH	Days	Total Cost \$/month	Total Cost \$/day	Hydro KWH	Methane KWH	Champion Energy KWH	KWH/HR (Avg)	\$/KWH	Gallons	Days	Total Cost \$/Billing Period	Gallons/Day	Total Cost \$/day
JANUARY	814,907	33	\$ 28,536	\$ 865	-	157,319	657,588	1,029	\$ 0.0350	281,400	29	\$ 2,334	9,703	80
FEBRUARY	813,209	30	\$ 28,607	\$ 954	-	149,689	663,520	1,129	\$ 0.0352	237,600	28	\$ 2,190	8,486	78
MARCH	828,155	30	\$ 27,102	\$ 903	-	207,461	620,694	1,150	\$ 0.0327	284,500	33	\$ 2,686	8,621	81
APRIL	779,763	30	\$ 44,543	\$ 1,485	-	186,199	593,564	1,083	\$ 0.0571	247,400	28	\$ 2,434	8,836	87
MAY	715,001	29	\$ 43,938	\$ 1,515	-	207,749	507,252	1,027	\$ 0.0615	362,700	31	\$ 3,215	11,700	104
JUNE	0			#DIV/0!	-			#DIV/0!	#DIV/0!				#DIV/0!	#DIV/0!
JULY	0			#DIV/0!	-			#DIV/0!	#DIV/0!				#DIV/0!	#DIV/0!
AUGUST	0			#DIV/0!	-			#DIV/0!	#DIV/0!				#DIV/0!	#DIV/0!
SEPTEMBER	0			#DIV/0!	-			#DIV/0!	#DIV/0!				#DIV/0!	#DIV/0!
OCTOBER	0			#DIV/0!	-			#DIV/0!	#DIV/0!				#DIV/0!	#DIV/0!
NOVEMBER	0			#DIV/0!	-			#DIV/0!	#DIV/0!				#DIV/0!	#DIV/0!
DECEMBER	0			#DIV/0!	-			#DIV/0!	#DIV/0!				#DIV/0!	#DIV/0!
TOTAL	3,951,036	152	\$ 172,726	#DIV/0!	0	908,417	3,042,619	#DIV/0!	#DIV/0!	1,413,600	149	\$ 12,859	#DIV/0!	#DIV/0!
	Total KWH	Days	Total Cost \$/month	Total Cost \$/day	Hydro KWH	Methane KWH	Mid-American KWH	KWH/HR (Avg)	\$/KWH	Gallons	Days	Total Cost \$/Billing Period	Gallons/Day	Total Cost \$/day

KRMA NATURAL GAS USE					
	Therms	Days	Total Cost \$/Billing Period	Therms/Day	Total Cost \$/day
JANUARY	41,951	32	\$ 28,538	1311	\$ 892
FEBRUARY	47,361	32	\$ 30,829	1480	\$ 963
MARCH	28,740	29	\$ 25,312	991	\$ 873
APRIL	28,404	30	\$ 18,677	947	\$ 623
MAY	22,356	31	\$ 14,880	721	\$ 480
JUNE				#DIV/0!	#DIV/0!
JULY				#DIV/0!	#DIV/0!
AUGUST				#DIV/0!	#DIV/0!
SEPTEMBER				#DIV/0!	#DIV/0!
OCTOBER				#DIV/0!	#DIV/0!
NOVEMBER				#DIV/0!	#DIV/0!
DECEMBER				#DIV/0!	#DIV/0!
TOTAL	168,812	154	\$ 118,235	#DIV/0!	#DIV/0!
	Therms	Days	Total Cost \$/Billing Period	Therms/Day	Total Cost \$/day



## Annual Load / Gallon Totals 2023

IV-B-2

Month Received	Gilster-Mary Lee Corporation	Hoffman Transportation, LLC	Kankakee Recycling & Disposal Facility	Lake County C&D Landfill	Laraway Recycling & Disposal Facility	Liberty 3 LFGTE Plant - Wabash Valley Power Alliance	Liberty Landfill, LLC	Livingston Landfill	Momence Packing	Natural Gas & Pipeline Co. of America	Newton County Landfill	Peoria Packing Co.	Prairie View - Will County RNG Plant	Prairie View RDF	Tank Cleaning Solutions, LLC	Verdant Specialty Solutions US LLC	Zutata Feed Solutions	Total	# Loads
January	40,000	150,000	21,000				1,153,315	200,568		50,000	802,409			205,948	204,684	32,941	24,000	2,884,865	463
February	42,000	155,000	84,000				815,342	147,452		80,000	499,119			209,033	214,389	66,587		2,312,922	381
March	24,000	163,000	77,000		31,151		947,972	171,549		130,000	494,982			244,828	209,480			2,493,962	409
April	16,000	160,000	98,000		90,004		973,052	167,651		55,000	538,632			285,477	178,058			2,561,874	410
May	24,000	140,000	42,000		94,243		1,143,477	153,374		15,000	117,933			487,660	209,480			2,427,167	383
June																			
July																			
August																			
September																			
October																			
November																			
December																			
<b>Totals</b>	<b>146,000</b>	<b>768,000</b>	<b>322,000</b>		<b>215,398</b>		<b>5,033,150</b>	<b>840,594</b>		<b>330,000</b>	<b>2,453,076</b>			<b>1,432,946</b>	<b>1,016,091</b>	<b>99,528</b>	<b>24,000</b>	<b>12,690,790</b>	<b>2,046</b>
Average	29,200	153,600	64,400		71,799		1,006,632	168,119		66,000	490,615			286,589	203,218	49,764	24,000	2,536,158	409
Treatment Costs as of 05/01/23	0.09	0.062	0.062	0.062	0.062	0.062	0.062	0.062	0.09	0.09	0.1	0.09	0	0.062	0.09	0.145	0.086		
Treatment Costs as of 05/01/22	0.086	0.059	0.059	0.059	0.059	0.059	0.059	0.059	0.086	0.086	0.08	0.086	0	0.059	0.086	0.138	0.082		

Report Date: 06/07/2023



## Monthly TSS/BOD Loading Report

May, 2023

Hauler	Gallons	Lbs TSS	Lbs BOD
Gilster-Mary Lee Corporation	24,000	1,721	2,588
Hoffman Transportation, LLC	140,000	59	2,626
Kankakee Recycling & Disposal Facility	42,000	129	220
Laraway Recycling & Disposal Facility	94,243	80	571
Liberty Landfill, LLC	1,143,477	1,293	16,123
Livingston Landfill	153,374	794	7,028
Natural Gas & Pipeline Co. of America	15,000	26	31
Newton County Landfill	117,933	487	16,458
Prairie View RDF	487,660	390	6,993
Tank Cleaning Solutions, LLC	209,480	318	3,770
<b>Totals:</b>	<b>2,427,167</b>	<b>5,298</b>	<b>56,408</b>





Flows  
 KRMA Treatment Facility  
 May, 2023

Date	PRECIPITA INCHES	PLANT MGD	Kankakee MGD	BOURB. MGD	BradleyFlow MGD	AromaPark MGD
5/1/2023	.16	12.32	7.98	3.159	1.150	.034
5/2/2023	.00	12.38	8.21	3.124	1.010	.036
5/3/2023	.00	12.49	8.62	2.865	.970	.032
5/4/2023	.00	11.61	7.69	2.839	1.040	.035
5/5/2023	.00	11.47	7.60	2.756	1.070	.038
5/6/2023	.00	11.15	7.33	2.725	1.050	.038
5/7/2023	.46	10.76	6.70	2.796	1.230	.038
5/8/2023	.00	12.71	7.75	3.647	1.270	.044
5/9/2023	.00	13.50	9.06	3.039	1.360	.038
5/10/2023	.00	11.97	7.84	2.936	1.170	.033
5/11/2023	.00	11.72	7.66	2.937	1.090	.033
5/12/2023	.92	13.64	8.11	4.407	1.090	.037
5/13/2023	.42	14.70	7.11	4.915	2.640	.037
5/14/2023	.24	15.13	7.49	4.967	2.640	.037
5/15/2023	.01	16.13	8.69	4.756	2.650	.040
5/16/2023	.00	15.43	8.90	3.885	2.600	.038
5/17/2023	.00	14.14	8.22	3.597	2.290	.034
5/18/2023	.00	13.14	7.84	3.172	2.100	.029
5/19/2023	.00	12.96	8.21	3.078	1.630	.036
5/20/2023	.00	12.49	8.17	2.982	1.300	.036
5/21/2023	.00	12.22	8.08	2.876	1.230	.036
5/22/2023	.00	11.43	7.48	2.800	1.110	.032
5/23/2023	.00	11.73	7.82	2.654	1.220	.035
5/24/2023	.00	11.59	7.76	2.673	1.120	.030
5/25/2023	.00	11.16	7.56	2.589	.980	.032
5/26/2023	.00	11.08	7.54	2.560	.950	.032
5/27/2023	.00	11.06	7.53	2.513	.980	.032
5/28/2023	.00	10.91	7.50	2.469	.910	.032
5/29/2023	.00	10.76	7.23	2.554	.940	.032
5/30/2023	.00	10.29	6.71	2.507	1.050	.029
5/31/2023	.00	10.46	6.81	2.519	1.100	.033
Total	2.21	382.51	241.20	97.296	42.940	1.078
Average	.07	12.34	7.78	3.139	1.385	.035
Minimum	.00	10.29	6.70	2.469	.910	.029
Maximum	.92	16.13	9.06	4.967	2.650	.044
# of data	31.00	31.00	31.00	31.00	31.00	31.00



**NFS TO OWNER**

**Strand Associates, Inc.®**  
1170 South Houbolt Road  
Joliet, IL 60431  
(P) 815.744.4200  
www.strand.com

June 7, 2023

Kankakee River Metropolitan Agency  
1600 West Brookmont Boulevard  
Kankakee, IL 60901

Attention: Mr. David A. Tyson, P.E., Executive Director

Re: Amendment No. 3 to the September 29, 2021, Agreement for General Services  
Capacity Expansion Project Plan

This is Amendment No. 3 to the referenced Agreement.

Under **Scope of Services**, ADD the following:

“27. Provide operations assistance and miscellaneous support.”

Under **Schedule**, CHANGE April 28, 2023, to “May 31, 2024.”

IN WITNESS WHEREOF the parties hereto have made and executed this Amendment.

ENGINEER:

OWNER:

STRAND ASSOCIATES, INC.®

KANKAKEE RIVER METROPOLITAN AGENCY

NOT FOR SIGNATURE

\_\_\_\_\_  
Joseph M. Bunker  
Corporate Secretary

Date

\_\_\_\_\_  
David A. Tyson  
Executive Director

Date