

## **AGENDA**

### **KANKAKEE RIVER METROPOLITAN AGENCY MEETING**

**Thursday, June 27, 2024**

**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 23, 2024 – 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. Cash Flow Report
    3. Flows Graphs
  - D. Communications
- V. Old Business**
  - A. Update on Engineering for Phase 1, Phase 2, Phase 3
  - B. Employee Grievance
  - C. 401(k) Conversion Status
  - D. Status of sludge hauling contract with Synagro
  - E. New Hires
- VI. New Business**
  - A. Consideration to review and approve Closed Session Minutes September 2022 – Apr 2023, July 2023 and August 2023
  - B. Resolution Authorizing the Destruction of certain Closed Session Verbatim Recordings of KRMA Board Meetings
- VII. Executive Session**
  - A. Personnel & Probable or Imminent Litigation
- VIII. Next Meeting**

**Thursday, July 25, 2024 (9:00 AM in KRMA Boardroom)**

**KANKAKEE RIVER METROPOLITAN AGENCY**  
**MINUTES**  
**May 23, 2024 – 9:00 A.M**  
**1600 W Brookmont Blvd.**

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 Larry Osenga, City of Kankakee  
Alderman Danita Swanson, City of Kankakee  
Steven Hunter, Representative, City of Kankakee

**Administration:**

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

**Attorney:**

Neal Smith, Robbins Schwartz

**KRMA Staff:**

Arthur Strother, Superintendent  
Bryan Kennedy, Interim Asst. Superintendent  
Melanie Gossett, Technical Services Personnel

**Other:**

Tara Latz, Financial Director, Village of Bourbonnais  
Dan Small, Strand Associates  
Terry Memenga, Alternate, Village of Bourbonnais  
Ryan McGinnis, City of Kankakee

Chairman, Mayor Curtis called the meeting to order.

I. **Roll Call**

Roll Call was taken. All Board members were present.

II. **Election of Officers for FY 2024-2025**

- A. **Chairperson** (Currently Mayor Christopher Curtis) - There were no other nominations. Motion for Mayor Christopher Curtis to remain the Chairman for KRMA Board was made by Vice-Chairman Schore and seconded by Dir Hunter. All board members present voted in favor of, except Chairman Curtis voted abstained.
- B. **Vice-Chairperson** (Currently Mayor Paul Schore) There were 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 Osenga. All board members present voted in favor of, except Vice-Chairman Schore voted abstained.
- 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 Vice-Chairman Schore and seconded by Dir Swanson. All board members present voted in favor of, except Secretary Stump voted abstained.

III. **Public Comment**

None

IV. **Approval of Board Minutes May 23, 2024 – Regular Board Meeting**

Motion to approve the May 23, 2024, Regular Board Meeting minutes was made by: Dir Osenga and seconded by Secretary Stump. All board members that were present voted in favor of. Motion Carried.

V. **Reports**

A. **Operations & Maintenance Report**

**Monthly Report**

Art informed the board that our Summer Helper Robert Billings and Connor Curtis both of Kankakee have started work. He also gave recognition to Richard Tyson (RJ) for showing initiative and achieving his Class 1 licenses within being employed for approximately 2 ½ years. He compliments the Interim Assistant Superintendent and his team for keeping the plant maintained and running smoothly. Art explained what helped caused the TSS gauge to be in the red. He also said there is no substantial concern about the plant treatment, however we still need to move forward with the equipment upgrades to continue to treat the plant effectively. Dir Hunter asked about the meeting with Rohm Hass and USEPA. Art replied, we should have a formal report within sixty to ninety days. He informed the board that Ryan McGinnis and Melanie Gossett met with USEPA for three days here on at the KRMA site and on them existing they said things look good. Dir Romo asked TSS something we can get a violation for and how do we get that number down. Art replied, yes, we can get a violation for TSS. However, you can get TSS, Total Solids, from the streets, for example leaves are considered as TSS. We can get TSS numbers down with microorganisms. Exec Dir Tyson also said that the TSS numbers are going down. Exec Dir Tyson also said the Gauges in the MOR represent the flow coming into the plant not leaving the plant. There was more discussion regarding TSS, what it all entails, what causes the peaks, and why it measured on an average. Art added you must have the proper food to mass to manage the plant.

B. **Executive Director Report**

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

Exec. Dir. Dave Tyson presented yearly utility usage. He stated everything is in order and where we anticipate them to be.

2. **Hauled In Waste Summary**

Exec. Dir. Tyson said hauled in waste has been steady and the majority is coming from Liberty.

3. **Operations Report**

Exec Dir Dave Tyson also gave acknowledgement regarding the excellent job that Bryan Kennedy is doing.

C. **Financial Report**

1. **Reports**

Karen presented the financial statements; Statement of Net Position show our cash balance is still hold steady. Statement of Revenue and Expense we are slightly above our budget. Change in net position for the month and fiscal still above our total budgeted net income.

2. **Hauled In Waste Report**

None

3. **Flows Graphs**

None

D. **Communications**

1. **Illinois Chamber of Commerce**

Exec Dir Tyson informed the membership for the Illinois Chamber of Commerce range from four thousand to twenty-five thousand dollars yearly: they offer grant writing and lobbyist. Exec Dir Tyson informed the board that KRMA is not part of any of the Chamber because it is like the municipalities will be paying twice.

VI. **Old Business**

A. **Update on Engineering for Phase 1, Phase 2, Phase 3**

Dan Small with Strand Associates stated that Phase 1 is in progress and Phase 2 will start in September.

B. **Employee Grievance**

No update

C. **401(k) Conversion Status**

Exec Dir Tyson stated the conversion is moving along. We were able to get the proper documentation showing that KRMA is eligible for 401(k). We have a meeting set up on Tuesday, July 25, 2024, for the employees and to set up all their accounts.

D. **Status on Sludge Hauling Contract with Synargo**

Attorney Neal informed the board that there was some provision that was concerning, "Title to the sludge the remove" from KRMA. Our permit does not allow us to agree to this. Therefore, the contract was revised to meet our permit. There were more questions, discussion, and hypothetical possibilities regarding sludge removal. Motion to enter contract once legal changes have been made with Synargo was made by Vice Chairman Schore and seconded by Dir Hunter. All board members that were present voted in favor of. Motion carried.

VII. **New Business**

A. **Approval of Budget Ordinance No. 2020-01 for Fiscal Year – (May 1, 2024 – April 30, 2025)**

Karen Benson presented the Fiscal Year Budget for May 1, 2024 – April 30, 2025. Motion to Approval of Budget Ordinance No. 2020-01 for Fiscal Year – (May 1, 2024 – April 30, 2025) was made by Dir Osenga and seconded by Dir Hunter. All board members that were present voted in favor of. Motion carried.

B. **New Hires**

Exec Dir Tyson stated we had 27 of the 40 that showed up for the O & M Test. 7 of the 27 passed. We would like to offer two now and one more once Bryan decides to take the Assistant Superintendent position permanently. We offer 90 days training with a 6-month probationary period. They both have signed the residency addendum.

C. **Resolution for Removing Alerus as the Custodian of the KRMA 401(K) Plan, and appointing Matrix Trust Company as the Successor Custodian for the Plan Effective on June 6, 2024**

Attorney Neal informed the board that this resolution is removing Alerus as the custodian of KRMA 401(k) and appointing Matrix Trust Company as the 401(k) custodian. Motion to accept the Resolution for Removing Alerus as the Custodian of the KRMA 401(K) Plan, and appointing Matrix Trust Company as the Successor Custodian for the Plan Effective on June 6, 2024, was made by Dir Romo and seconded by Dir Hunter. All board members that were present voted in favor of. Motion carried.

VIII. **Executive Session**

**Personnel & Probable or Imminent Litigation**

None

IX. **Next Meeting**

Next Regular Board Meeting- **Thursday, May 23, 2024 (9:00 A.M. at KRMA Board Room)**

Motion to Adjourn was made by: Vice Chairman Schore and seconded by Dir Swanson. Motion Carried.



*Kankakee River Metropolitan Agency*

*Providing Wastewater Treatment to the Kankakee River Valley*



## **Monthly Operations Report**

**May 2024**

**KRMA’S MAY HIGHLIGHTS:**

KRMA contracted with local machine shop Bear Machine to fabricate replacements for worn grit removal augers. The augers were created in stainless steel, providing increased longevity over the original, while providing a cost savings of over \$27,000 as compared to the manufacturer. KRMA took delivery of the augers May 24th. O&M staff are preparing to re-install.

The final sampling round for biomonitoring as per Special Condition 11 of KRMA’s NPDES Permit was completed on May 15th.

Interviews for the O&M Specialist vacancies were completed in May. Two applicants were chosen to fill the roles. One will begin on June 3rd and the other on June 17th.

The month of May, the Agency had no violations of the effluent of the NPDES (National Pollutant Discharge Elimination System) permits.

**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)	538.95	344.10	134.015	59.080	1.76
Daily Average Flow (MGD)	17.39	11.10	4.323	1.906	0.057



### 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	7.00 SU
Chlorine Residual	0.05 mg/l	0.015mg/l
Fecal Coliform	400/100 ml	15/100ml

### ODOR ISSUES:

- There was one odor complaint 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, 19 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:	621
Hours of Scheduled Work Orders Performed:	408.48

## 6.0 SLUDGE HANDLING

Start Date: 05/01/2024  
End Date: 05/31/2024

Gallons of sludge produced and sent to thickening:	2,327,080.00
Gallons of sludge put into storage after thickening:	1,454,850.00
Sludge removed from the plant for land application:	0.00
Sludge remaining in storage:	3,006,000.00

## 7.0 WATER USAGE

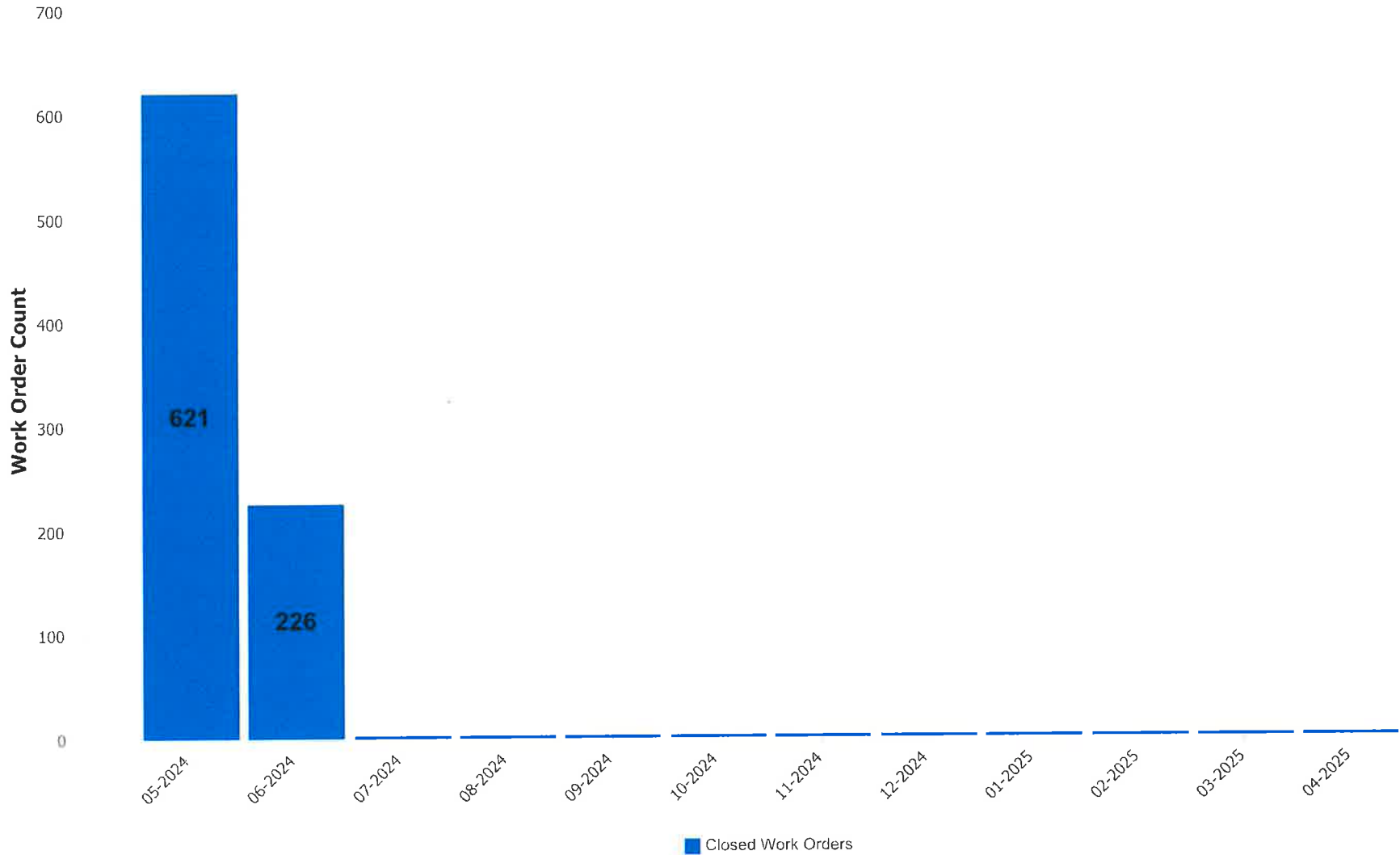
MAY 2024 (33 DAYS): 41,174 CU FT= 308,000 GALS. = \$2,857.74

NUMBER OF DAYS IN THE BILLING CYCLE: 33



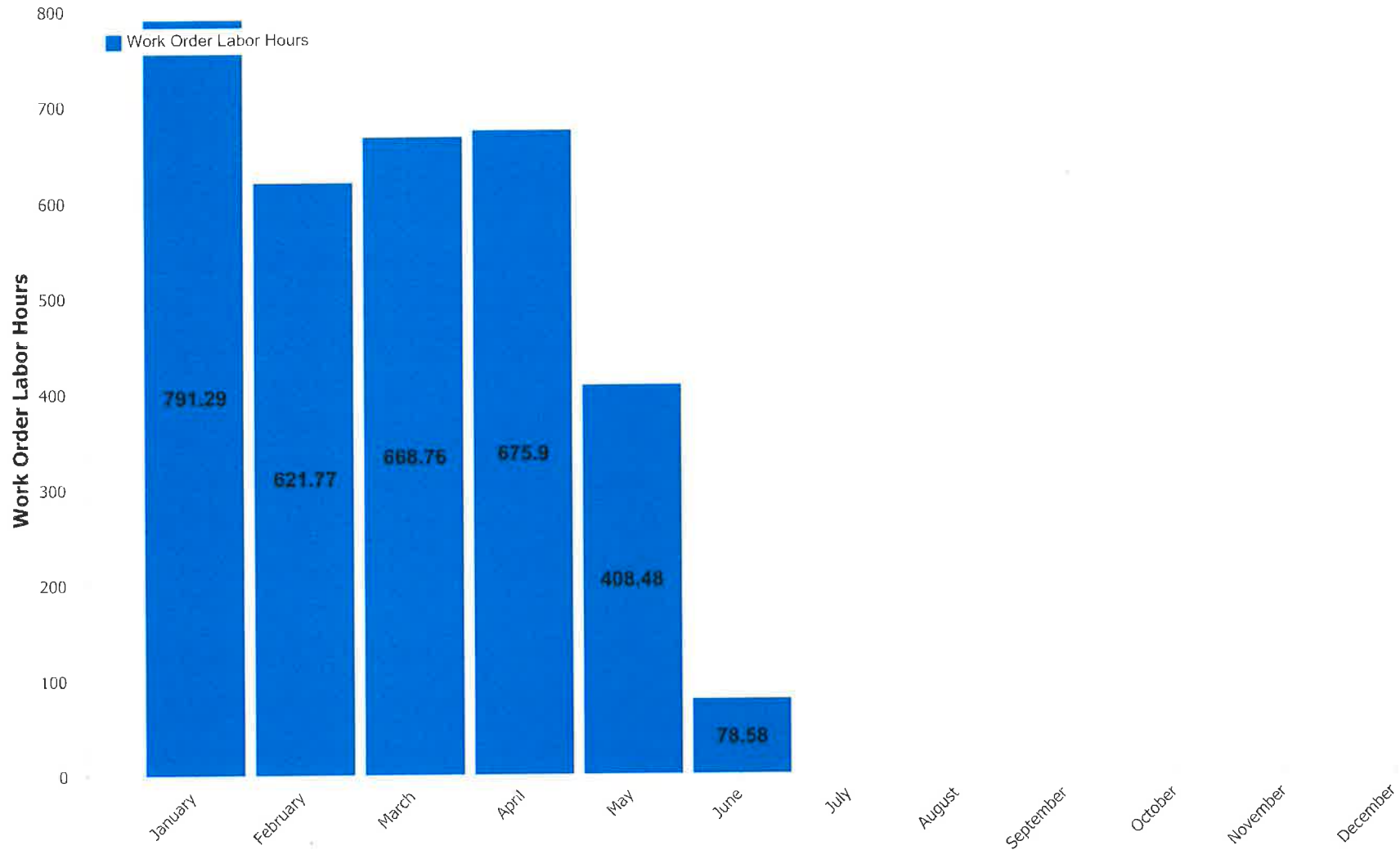
# Work Orders Closed By Month

From May, 2024 to April, 2025



# Work Order Labor Hours by Month

2024



# KANKAKEE RIVER METRO AGENCY Wastewater Report, May 2024

For updates on your plant in-between these monthly reports, please visit our wastewater dashboard <https://iwss.uillinois.edu>

## LOCATION: KANKAKEE RIVER METRO AGENCY (Kankakee County)

### Catchment Information

<b>Population Served</b>	56,317
<b>NPDES</b>	IL0021784
<b>zipcode</b>	60901
<b>IL Covid Region</b>	7

## SARS-CoV-2 LEVELS IN WASTEWATER

Wastewater is analyzed using digital PCR (dPCR) to determine the concentration of the SARS-CoV-2 virus in a sample. The nucleocapsid protein (N) gene of the virus is targeted in the assay, and results are reported in gene copies per liter of starting wastewater.

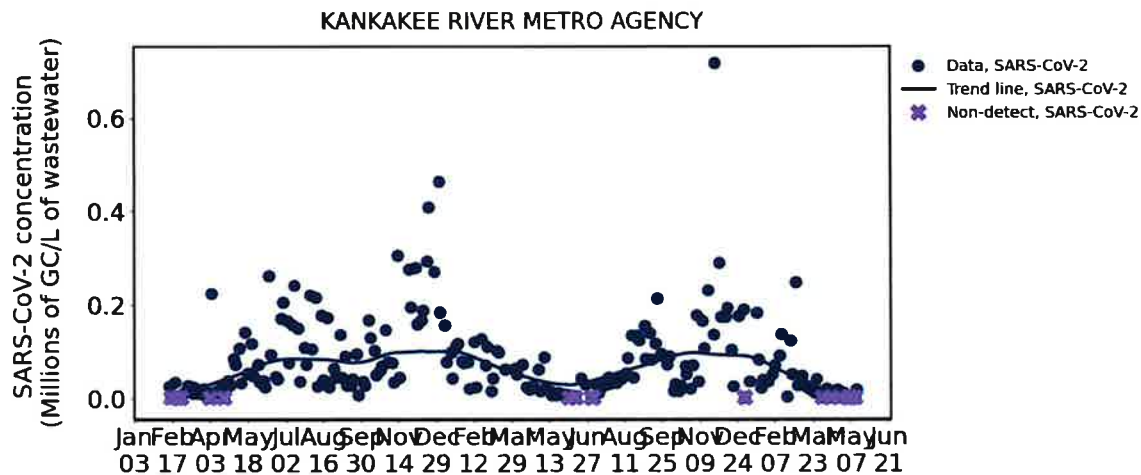


Figure 1. Time series plot of SARS-CoV-2 viral concentrations in millions of gene copies per liter (GC/L) of wastewater.

## SARS-CoV-2 SAMPLING RESULTS - LAST 8 SAMPLES

Date	SARS-CoV-2 (GC/L)
2024-05-15	19,275
2024-05-13	Non-detect
2024-05-08	Non-detect
2024-05-06	Non-detect
2024-05-01	8,100

## RSV LEVELS IN WASTEWATER

Wastewater is analyzed using digital PCR (dPCR) to determine the concentration of Respiratory Syncytial Virus (RSV) in a sample. Results are reported in gene copies per liter of starting wastewater.

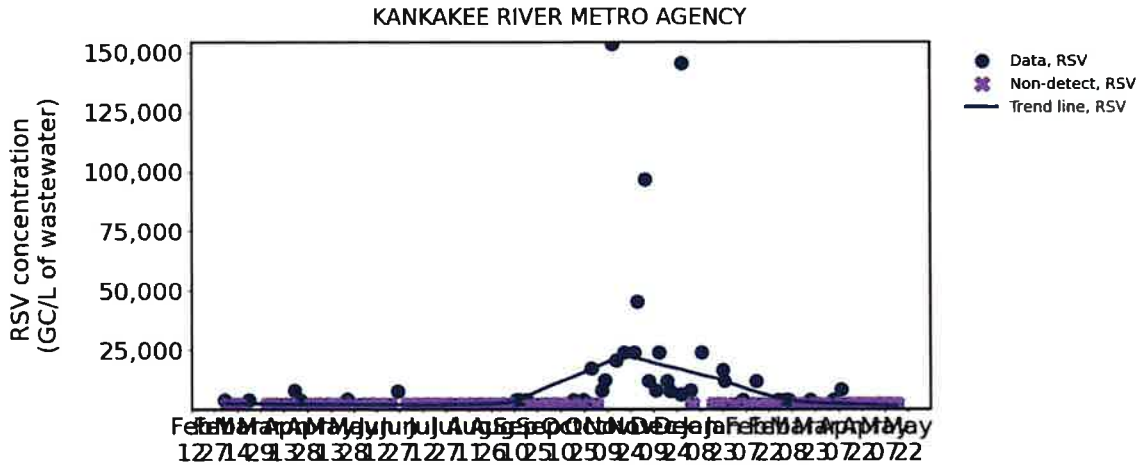


Figure 4. Time series plot of RSV viral concentrations in gene copies per liter (GC/L) of wastewater.

## RSV SAMPLING RESULTS - LAST 8 SAMPLES

Date	RSV (GC/L)
2024-05-15	Non-detect
2024-05-13	Non-detect
2024-05-08	Non-detect
2024-05-06	Non-detect
2024-05-01	Non-detect
2024-04-29	Non-detect
2024-04-24	Non-detect
2024-04-22	Non-detect



DISCOVERY PARTNERS INSTITUTE  
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## INFLUENZA A/B LEVELS IN WASTEWATER

Wastewater is analyzed using digital PCR (dPCR) to determine the concentration of influenza A and influenza B viruses in a sample. Results are reported in gene copies per liter of starting wastewater.

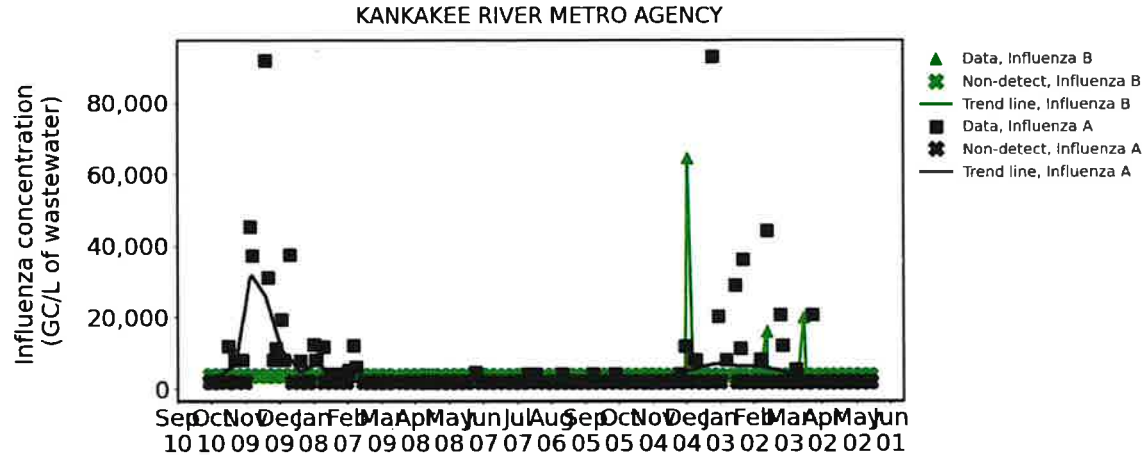


Figure 3. Time series plot of Influenza A/B viral concentrations in gene copies per liter (GC/L) of wastewater.

## INFLUENZA A/B SAMPLING RESULTS - LAST 8 SAMPLES

Date	Influenza A (GC/L)	Influenza B (GC/L)
2024-05-15	Non-detect	Non-detect
2024-05-13	Non-detect	Non-detect
2024-05-08	Non-detect	Non-detect
2024-05-06	Non-detect	Non-detect
2024-05-01	Non-detect	Non-detect
2024-04-29	Non-detect	Non-detect
2024-04-24	Non-detect	Non-detect
2024-04-22	Non-detect	Non-detect

2024-04-29	12,300
2024-04-24	Non-detect
2024-04-22	19,725

## SARS-CoV-2 LINEAGES IN WASTEWATER

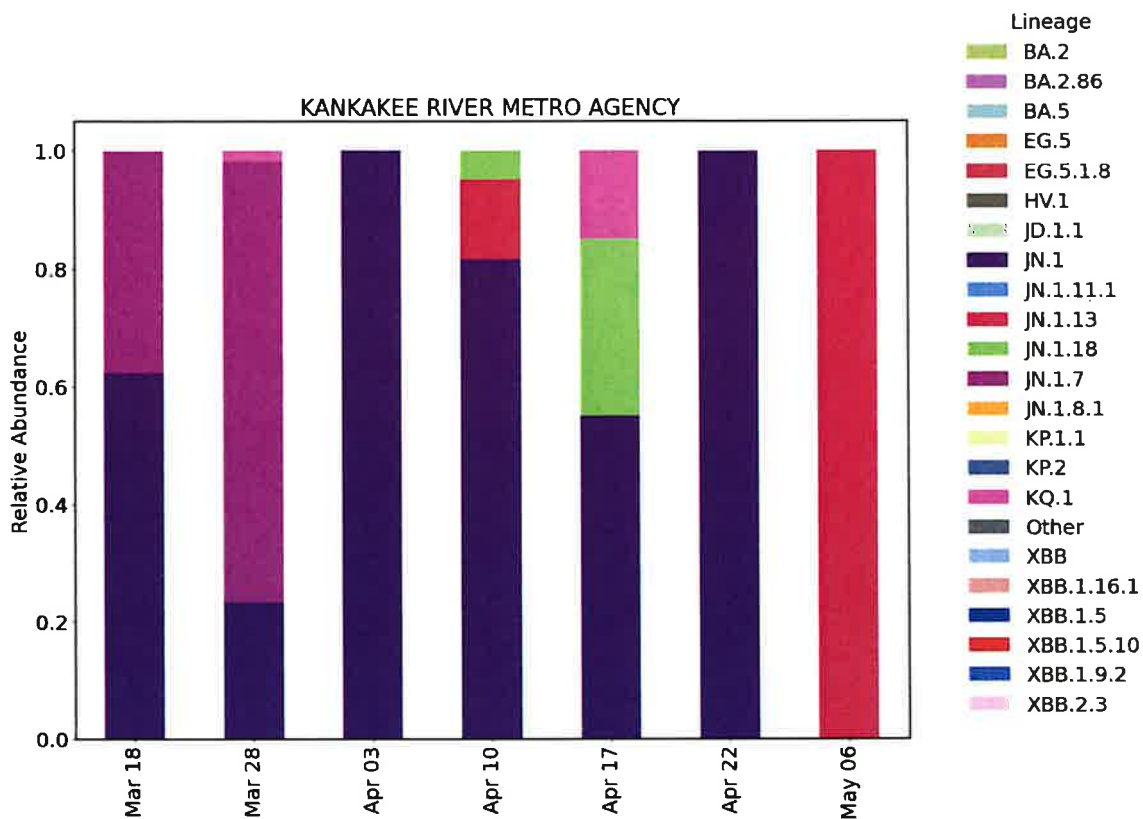


Figure 2. Stacked barplot showing the relative abundances of SARS-CoV-2 lineages in wastewater samples. All lineages in the legend, excluding "Other," are associated with Omicron. The most recently available two months worth of data are shown.

# **ATTACHMENT**

## **A**



# DMR Monthly Report

5/1/2024 to 5/31/2024

Var #	452	159	119	236	454	351	113	237	386
	EFF FLOW	001 Eff pH	FINAL EFF TSS	Weekly ave Eff TSS	EFF TSS	WeeklyAv eEffTSS	EFF-C-BO D	Weekly Ave EffCBOD	EFF C-BOD
Date	MGD	STD UNIT	mg/L	MG/L	LBS/D	LBS/Day	mg/l	MG/L	lbs/day
5/1/2024	26.855	6.88	11		2,464		3		672
5/2/2024	25.757	6.97	7		1,504		4		859
5/3/2024	22.796	7.06	11		2,091				
5/4/2024	20.417		10	11	1,703	2,372	4	4	681
5/5/2024	18.798		12		1,881		3		470
5/6/2024	17.776	7.07	11		1,631		5		741
5/7/2024	16.865	6.91	11		1,547		5		703
5/8/2024	17.035	6.89	10		1,421		4		568
5/9/2024	18.266	6.93	11		1,676		4		609
5/10/2024	19.540	6.95	9		1,467				
5/11/2024	17.582		15	11	2,200	1,689	3	4	440
5/12/2024	16.180		9		1,214		3		405
5/13/2024	14.958	6.99	17		2,121		4		499
5/14/2024	21.537	6.80							
5/15/2024	22.836	7.02	9		1,714		3		571
5/16/2024	18.275	7.36	11		1,677		4		610
5/17/2024	17.827	6.90	10		1,487				
5/18/2024	16.646		7	11	972	1,531	4	4	555
5/19/2024	15.481		7		904		4		516
5/20/2024	14.448	7.42	11		1,325		4		482
5/21/2024	14.518	6.92	10		1,211		4		484
5/22/2024	14.408	6.97	10		1,202		4		481
5/23/2024	13.521	6.96	8		902		5		564
5/24/2024	13.046	7.07	5		544				
5/25/2024	12.925		17	10	1,833	1,131	4	4	431
5/26/2024	17.017		8		1,135		3		426
5/27/2024	18.181		9		1,365		4		607
5/28/2024	15.114	7.01	9		1,134		4		504
5/29/2024	14.153	6.89	8		944		4		472
5/30/2024	13.419	6.98	11		1,231		4		448
5/31/2024	12.773	7.02	7		746				

Minimum	12.773	<b>6.80</b>	5	10	544	1,131	3	4	405
Maximum	26.855	<b>7.42</b>	17	11	2,464	<b>2,372</b>	5	4	859
Average	17.385	7.00	<b>10</b>	11	<b>1,442</b>	1,681	4	4	<b>552</b>
Sum	538.950	153.97	301	42	43,244	6,723	97	16	13,800

<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

5/1/2024 to 5/31/2024

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	%
5/1/2024		0.019	15	26.86	82	18,366	136	30,460	96
5/2/2024		0.014	10	25.76	73	15,681	138	29,644	95
5/3/2024		0.015	1	22.80			153	29,088	
5/4/2024	883			20.42	106	18,049	188	32,012	96
5/5/2024				18.80	87	13,639	113	17,716	97
5/6/2024		0.012	7	17.78	110	16,308	250	37,063	95
5/7/2024		0.014	8	16.87	138	19,410	161	22,645	96
5/8/2024		0.016	10	17.04	150	21,311	134	19,038	97
5/9/2024		0.005	11	18.27	144	21,937	277	42,198	97
5/10/2024		0.020	0	19.54			124	20,207	
5/11/2024	589			17.58	100	14,663	148	21,702	97
5/12/2024				16.18	56	7,557	208	28,068	95
5/13/2024		0.014	4	14.96	197	24,576	950	118,512	98
5/14/2024		0.023	21	21.54	145	26,045	284	51,012	
5/15/2024		0.014	14	22.84	210	39,995	1,060	201,879	99
5/16/2024		0.008	5	18.28	212	32,312	786	119,797	98
5/17/2024		0.021	5	17.83			296	44,008	
5/18/2024	528			16.65	179	24,850	352	48,867	98
5/19/2024				15.48	135	17,430	230	29,696	97
5/20/2024		0.015	4	14.45	99	11,929	269	32,414	96
5/21/2024		0.014	93	14.52	94	11,382	187	22,642	96
5/22/2024		0.015	29	14.41	101	12,136	163	19,587	96
5/23/2024		0.014	21	13.52	142	16,013	179	20,185	96
5/24/2024		0.013	5	13.05			160	17,409	
5/25/2024	493			12.93	191	20,589	223	24,038	98
5/26/2024				17.02	138	19,585	299	42,435	98
5/27/2024				18.18	113	17,134	188	28,506	96
5/28/2024		0.015	11	15.11	162	20,420	322	40,588	98
5/29/2024		0.026	13	14.15	68	8,026	180	21,246	94
5/30/2024		0.014	26	13.42	135	15,108	217	24,285	97
5/31/2024		0.014	26	12.77			200	21,305	

Minimum	493	0.005	0	12.77	56	7,557	113	17,409	94
Maximum	883	0.026	93	26.86	212	39,995	1,060	201,879	99
Average	623	0.015	15	17.39	130	18,633	277	40,589	97
Sum	2,492	0.335	339	538.95	3,367	484,452	8,575	1,258,253	2,416

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

5/1/2024 to 5/31/2024

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
5/1/2024	92	7.16	8.11	7.64		0.10	22.62	0.33	
5/2/2024	95	7.91	8.73	8.32		0.23	49.19	0.18	7.38
5/3/2024	93	7.70	8.63	8.17					
5/4/2024	95	7.94	8.85	8.40	8.07				
5/5/2024	89	8.15	9.03	8.59		0.05	7.84	0.16	
5/6/2024	96	7.85	8.83	8.34		0.05	7.41	0.18	12.34
5/7/2024	93	7.77	8.72	8.25		0.05	7.03	0.21	
5/8/2024	93	7.54	8.60	8.07		0.05	7.10	0.17	
5/9/2024	96	7.21	8.17	7.69		0.05	7.62	0.21	
5/10/2024	93	7.36	8.06	7.71					
5/11/2024	90	7.11	7.40	7.26	7.99				
5/12/2024	96	8.09	8.35	8.22		0.05	6.75	0.08	
5/13/2024	98	8.16	8.38	8.27		0.05	6.24	0.07	8.38
5/14/2024		7.93	8.02	7.98				0.19	
5/15/2024	99	8.32	8.51	8.42		0.05	9.52	0.07	
5/16/2024	99	8.22	8.41	8.32		0.05	7.62	0.13	
5/17/2024	97	7.76	7.99	7.88					
5/18/2024	98	7.72	7.98	7.85	8.13				
5/19/2024	97	8.01	8.23	8.12		0.11	14.33	0.15	
5/20/2024	96	7.81	8.10	7.96		0.12	14.34	0.26	
5/21/2024	95	7.46	7.73	7.60		0.17	20.34	0.68	
5/22/2024	94	7.58	7.83	7.71		0.15	18.38	0.36	
5/23/2024	96	7.62	7.87	7.75		0.18	20.64	0.49	12.32
5/24/2024	97	7.43	7.68	7.56					
5/25/2024	92	7.39	7.65	7.52	7.74				
5/26/2024	97	7.33	7.92	7.63					
5/27/2024	95	7.77	8.22	8.00		0.05	7.58	0.34	
5/28/2024	97	8.05	8.29	8.17		0.05	6.30	1.30	
5/29/2024	96	7.99	8.20	8.10		0.05	5.90	0.38	14.04
5/30/2024	95	7.97	8.19	8.08		0.14	15.56	0.33	
5/31/2024	97	7.81	8.11	7.96					

Minimum	89	7.11	7.40	<b>7.26</b>	<b>7.74</b>	0.05	5.90	0.07	7.38
Maximum	99	8.32	9.03	8.59	8.13	<b>0.23</b>	<b>49.19</b>	1.30	14.04
Average		7.75	8.22	<b>7.99</b>	7.98	0.09	13.12	0.30	10.89
Sum	2,853	240.12	254.79	247.46	31.93	1.80	262.32	6.25	54.46

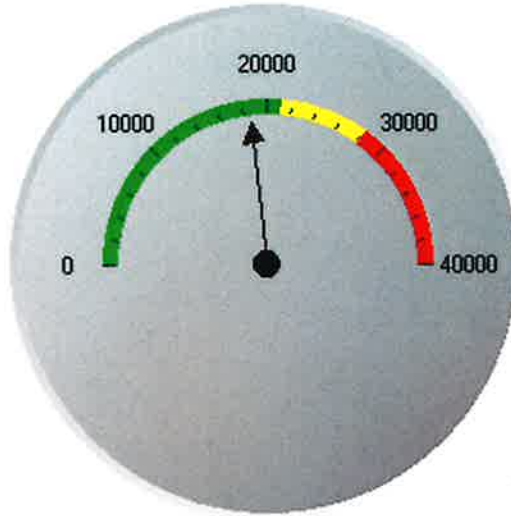
<b>Limit</b>				<b>min &gt;5.0</b>	<b>&gt;6.25</b>	<b>7.9</b>	<b>2965</b>		
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**Influent BOD loading Lbs - Monthly AVG**

**18,633 Lbs./Day**

**05/01/2024 - 05/31/2024**



**Influent NH3 loading Lbs - Monthly AVG**

**1,998 Lbs./Day**

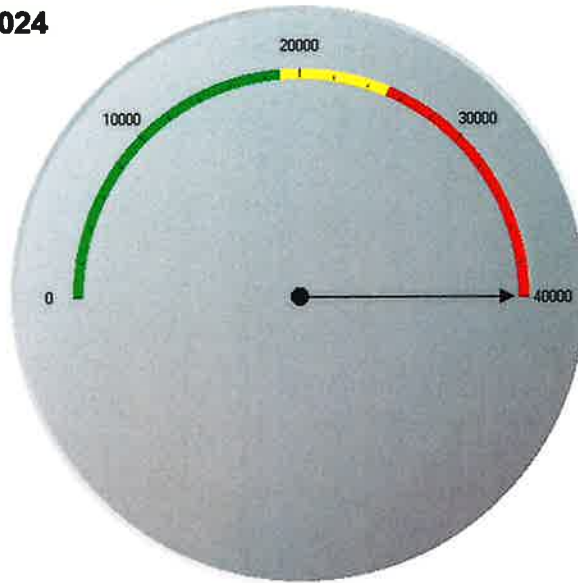
**05/01/2024 - 05/31/2024**



**Influent TSS loading Lbs - Monthly AVG**

**40,589 Lbs./Day**

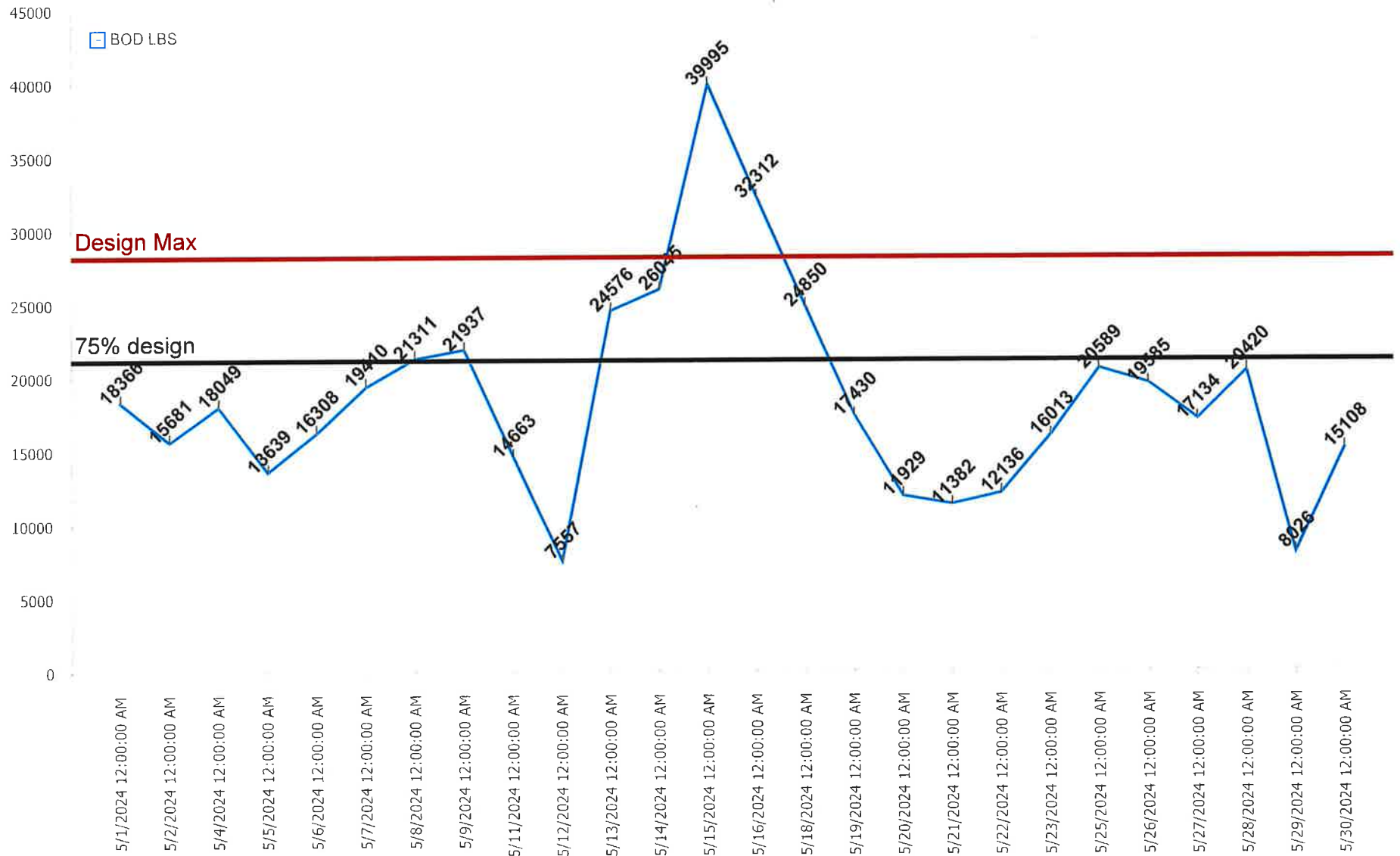
**05/01/2024 - 05/31/2024**



<b>0 to 18900 - Target Loading</b>
<b>18900 to 25200 - Above 75% Threshold</b>
<b>Above 25200</b>

# KRMA influent BOD pounds

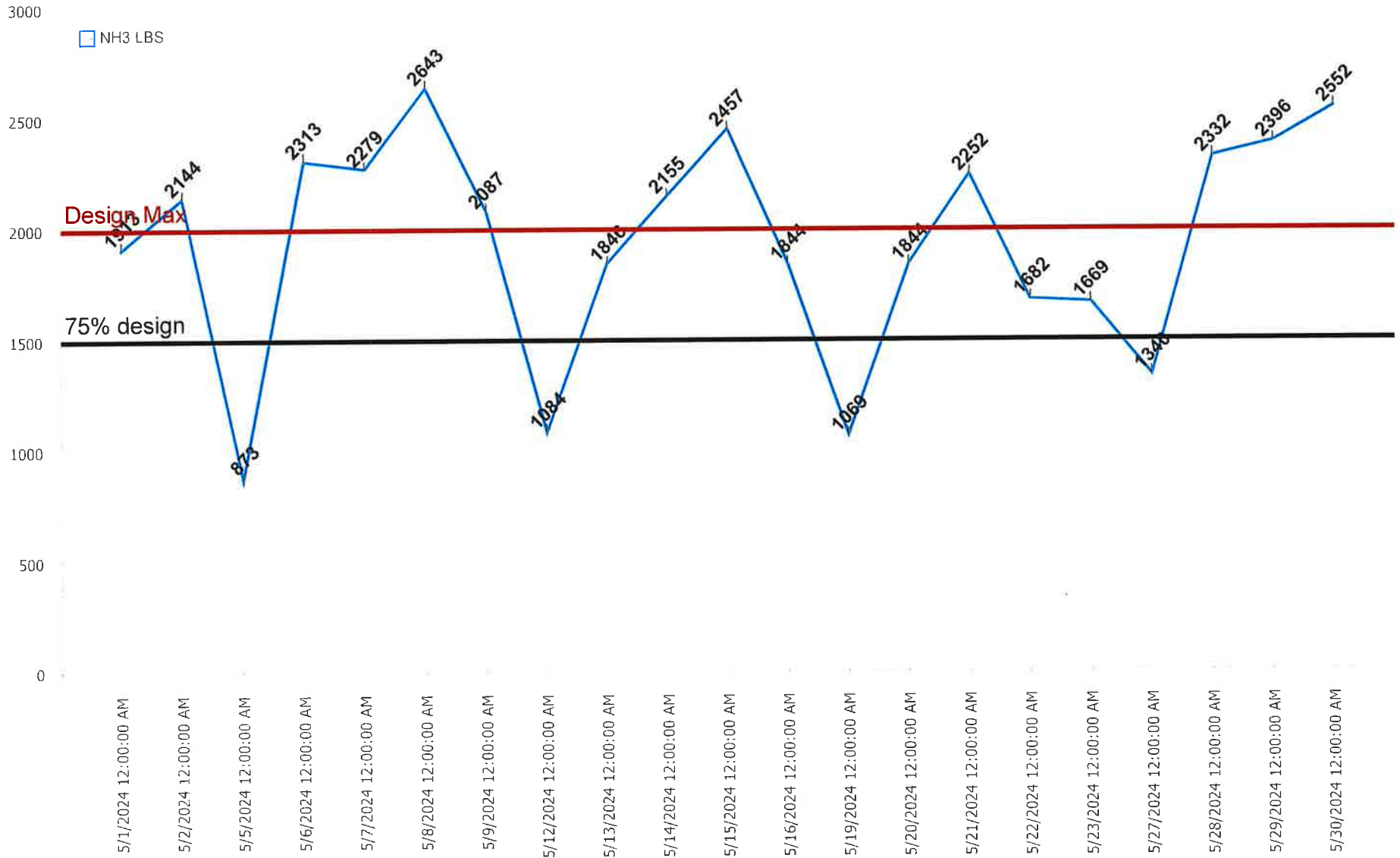
Average Lbs. BOD: 18,632.73





# KRMA influent NH3 pounds

Average Lbs. NH3: 1,941.62



**ATTACHMENT**

**B**



# **ATTACHMENT**

**C**



SAFETY MEETING

June 11, 2024

1:30pm

Agenda

**I. Safety Minutes**

Review minutes from May 2024.

**II. Old Business**

1. There were no lost time accidents for the month of May 2024.
2. Speeding concern

**I. New Business**

A. Safety Training

1. Confined Space Entry (IEPA #12972 = 1.0 CEU)
2. Review of Permit Entry procedure

B. Safety Concerns

C. Safety Team Leader Report

D. Operations Update

1. Grit unit reinstallation plan
2. Sodium Hydroxide Tank cleaning
3. Other

E. Open Discussion

1. O&M hiring
2. 401-K meeting – June 25<sup>th</sup> @9am

**Next Meeting:** Thursday, July 11, 2024  
1:30pm



SAFETY MEETING  
May 9, 2024  
9:30am & 1:30pm  
Minutes

**In attendance:**

**9:30am session:**

Melanie Gossett, Facilitator

Bryan Kennedy	Shaun Ownbey	Dan Combs	Shawn Malone (arrived 9:43am)
John Lund	Nick Tucker	Alex Bowser	

**1:30pm session:**

Melanie Gossett, Facilitator

Bryan Kennedy	Jim Churney	Ron Haney	Josh Peters
Max Gossett	RJ Tyson	Rob Forsman	

**Absent:** Nick Scheppler, Jack Renchen, Mike Arseneau

**I. Safety Minutes**

Minutes from April 2024 - Approved

**II. Old Business**

- A. There were no lost time accidents for the month of April 2024.
- B. Please remember to adhere to all speed limits when outside of the KRMA facility and use caution when driving within the plant.

**III. New Business**

**A. Safety Training**

1. A video presentation on Lock-out/Tag-out procedure was shown. IEPA CEU #12973.
2. Operators have been issued their own locks and tags for lock out/tag out use. Additional LO/TO locks and tags will be placed in the stations, as requested, throughout the plant for off shift use if needed and in Melanie's office.

**B. Safety Concerns**

None mentioned.





# **ATTACHMENT**

## **D**

**FIELD CALIBRATION SHEET**

COMPANY: KRMA

CITY: BOURBONNAIS/New

FLOW METER MODEL: Isco Laser Flow

INFLUENT June 12th, 2024

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?

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 19.0" As found 19.395"

LEVEL AFTER: 19.00"

C) Actual level 13.492" 2.45 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: 6/12/2024

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 12th, 2024

PRIMARY DEVICE: 72" PIPE

FLOW: 0-115 MGD

MEASURING DEVICE:

### 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 level 46.0" As found 45.860"

LEVEL AFTER: 45.860"

C) Actual level 25.355" 7.28 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: 6/12/2024

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 7<sup>th</sup>, 2024

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 23.944"

LEVEL AFTER: 24.124"

D) Actual Flow 1.570" 19.15 GPM

**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: 6/7/2024

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 7<sup>th</sup>, 2024

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 8.0" Level reading 7.987"

LEVEL AFTER: 7.987"

C) Actual Flow 1.00 MGD 4.163"

**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: 6/7/2024

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/BROOKMONT

FLOW METER MODEL: ISCO Signature

INFLUENT June 7<sup>th</sup>, 2024

PRIMARY DEVICE: PHARSHAL

FLOW: 0-516 GPM 0-13.20 IN

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 24.125" Level 24.042"

LEVEL AFTER: 24.125"

Actual Flow 51.80 GPM 2.983"

**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 6/7/2024

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 7th, 2024

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 30 MGD AS Found 29.68 MGD

LEVEL AFTER: 29.971 MGD

C) Actual Flow 12.49 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: 6/7/2024

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 7th, 2024

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 30 MGD AS Found 29.33 MGD

LEVEL AFTER: 29.975 MGD

C) Actual Flow 12.49 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: 6/7/2024

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

**ATTACHMENT**

**E**

May 2024 Monthly Pretreatment Sample Analysis (metals, cyanide & VOA) for the permitted industries were a total of **65 samples** and a total of **386 analyses**.

<b>Gilster-Mary Lee Corporation</b>	10 Samples
<b>Hoffman Transportation, LLC</b>	6 Samples
<b>Laraway Recycling &amp; Disposal Facility</b>	4 Samples
<b>Liberty Landfill, LLC</b>	11 Samples
<b>Livingston Landfill</b>	5 Samples
<b>Natural Gas &amp; Pipeline Co. of America</b>	3 Samples
<b>Peoria Packing Co.</b>	1 Sample
<b>Prairie View RDF</b>	10 Samples
<b>Tank Cleaning Solutions, LLC</b>	15 Samples

Volumes Received for May 2024 for trucked-in industries.

<b>Gilster-Mary Lee Corporation</b>	118,000 gals	20 loads
<b>Hoffman Transportation, LLC</b>	165,000 gals	33 loads
<b>Kankakee Recycling &amp; Disposal Facility</b>	0 gals	0 loads
<b>KGN Farm Inc.</b>	0 gals	0 loads
<b>Lake County C&amp;D Landfill</b>	0 gals	0 loads
<b>Laraway Recycling &amp; Disposal Facility</b>	58,558 gals	10 loads
<b>Liberty Landfill, LLC</b>	1,317,423 gals	200 loads
<b>Livingston Landfill</b>	183,002 gals	28 loads
<b>Momence Packing</b>	28,000 gals	4 loads
<b>Natural Gas &amp; Pipeline Co. of America</b>	75,000 gals	15 loads
<b>Newton County Landfill</b>	0 gals	0 loads
<b>Peoria Packing Co.</b>	2,000 gals	1 load
<b>Prairie View - Will County RNG Plant</b>	0 gals	0 loads
<b>Prairie View RDF</b>	221,067 gals	33 loads
<b>Tank Cleaning Solutions, LLC</b>	204,243 gals	39 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>2,372,293 gals</b>	<b>383 loads</b>

The KRMA Facility received a total of **215 loads** of septage which totalled **660,251 gallons** for the month of May 2024

**KRMA YEARLY UTILITY USAGE - (2024)**

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
<b>JANUARY</b>	849,824	32	\$ 60,844	\$ 1,901	-	195,967	653,857	1,107	\$ 0.0716	285,700	32	\$ 2,535	8,928	79
<b>FEBRUARY</b>	205,738	36	\$ 54	\$ 2	-	205,480	258	238	\$ 0.0003	267,500	28	\$ 2,423	9,554	87
<b>MARCH</b>	214,510	28	\$ 46	\$ 2	-	214,341	169	319	\$ 0.0002	279,200	30	\$ 2,663	9,307	89
<b>APRIL</b>	207,334	29	\$ 40	\$ 1	-	207,210	124	298	\$ 0.0002	273,100	30	\$ 2,622	9,103	87
<b>MAY</b>	2,985,201	127	\$ 117,770	\$ 927	-	212,466	2,772,735	979	\$ 0.0395	308,000	33	\$ 2,858	9,333	87
<b>JUNE</b>	0			#DIV/0!	-			#DIV/0!	#DIV/0!				#DIV/0!	#DIV/0!
<b>JULY</b>	0			#DIV/0!	-			#DIV/0!	#DIV/0!				#DIV/0!	#DIV/0!
<b>AUGUST</b>	0			#DIV/0!	-			#DIV/0!	#DIV/0!				#DIV/0!	#DIV/0!
<b>SEPTEMBER</b>	0			#DIV/0!	-			#DIV/0!	#DIV/0!				#DIV/0!	#DIV/0!
<b>OCTOBER</b>	0			#DIV/0!	-			#DIV/0!	#DIV/0!				#DIV/0!	#DIV/0!
<b>NOVEMBER</b>	0			#DIV/0!	-			#DIV/0!	#DIV/0!				#DIV/0!	#DIV/0!
<b>DECEMBER</b>	0			#DIV/0!	-			#DIV/0!	#DIV/0!				#DIV/0!	#DIV/0!
<b>TOTAL</b>	4,462,607	252	\$ 178,755	#DIV/0!	0	1,035,464	3,427,143	#DIV/0!	#DIV/0!	1,413,500	153	\$ 13,101	#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
<b>JANUARY</b>	39,569	31	\$ 26,964	1276	\$ 870
<b>FEBRUARY</b>	40,365	31	\$ 28,648	1302	\$ 924
<b>MARCH</b>	29,231	30	\$ 19,960	974	\$ 665
<b>APRIL</b>	26,292	29	\$ 18,134	907	\$ 625
<b>MAY</b>	17,469	32	\$ 24,736	546	\$ 773
<b>JUNE</b>				#DIV/0!	#DIV/0!
<b>JULY</b>				#DIV/0!	#DIV/0!
<b>AUGUST</b>				#DIV/0!	#DIV/0!
<b>SEPTEMBER</b>				#DIV/0!	#DIV/0!
<b>OCTOBER</b>				#DIV/0!	#DIV/0!
<b>NOVEMBER</b>				#DIV/0!	#DIV/0!
<b>DECEMBER</b>				#DIV/0!	#DIV/0!
<b>TOTAL</b>	152,926	153	\$ 118,443	#DIV/0!	#DIV/0!
	Therms	Days	Total Cost \$/Billing Period	Therms/Day	Total Cost \$/day



IV-B-2  
Annual Load / Gallon  
2024

Month Received	Gilster-Mary Lee Corporation	Hoffman Transportation, LLC	Laraway Recycling & Disposal Facility	Liberty Landfill, LLC	Livingston Landfill	Momence Packing	Natural Gas & Pipeline Co. of America	Peoria Packing Co.	Prairie View RDF	Tank Cleaning Solutions, LLC	Total	# Loads
January	18,000	200,000	226,390	1,162,660	287,301		115,000	3,000	363,552	219,954	2,595,857	420
February	24,000	205,000	269,985	1,362,283	393,803		50,000	3,000	461,815	204,243	2,974,129	474
March	112,000	185,000	363,718	886,492	181,224		50,000		482,385	193,769	2,454,588	398
April	100,000	175,000	389,293	1,198,071	138,361	135,500	120,000		403,227	188,532	2,847,984	460
May	118,000	165,000	58,558	1,317,423	183,002	28,000	75,000	2,000	221,067	204,243	2,372,293	383
June												
July												
August												
September												
October												
November												
December												
<b>Totals</b>	<b>372,000</b>	<b>930,000</b>	<b>1,307,944</b>	<b>5,926,929</b>	<b>1,183,691</b>	<b>163,500</b>	<b>410,000</b>	<b>8,000</b>	<b>1,932,046</b>	<b>1,010,741</b>	<b>13,244,851</b>	<b>2,135</b>
Average	74,400	186,000	261,589	1,185,386	236,738	81,750	82,000	2,667	386,409	202,148	2,648,970	427
Treatment Costs as of 05/01/24	0.095	0.065	0.065	0.065	0.065	0.095	0.095	0.095	0.065	0.095		
Treatment Costs as of 05/01/23	0.09	0.062	0.062	0.062	0.062	0.09	0.09	0.09	0.062	0.09		

**Monthly TSS/BOD  
 Loading Report**  
 May, 2024

Hauler	Gallons	Lbs TSS	Lbs BOD
Gilster-Mary Lee Corporation	118,000	1,100	2,976
Hoffman Transportation, LLC	165,000	268	932
Laraway Recycling & Disposal Facility	58,558	53	379
Liberty Landfill, LLC	1,317,423	981	19,599
Livingston Landfill	183,002	1,409	6,493
Momence Packing	28,000	0	0
Natural Gas & Pipeline Co. of America	75,000	143	69
Peoria Packing Co.	2,000	189	104
Prairie View RDF	221,067	160	1,859
Tank Cleaning Solutions, LLC	204,243	194	3,111
<b>Totals:</b>	<b>2,372,293</b>	<b>4,498</b>	<b>35,523</b>



# KRMA Flows Report

	Kankakee Flows				Bradley Flows				Bourbonnais Flows				Aroma Park Flows				TOTALS	TOTALS
	YTD Actual Flows	Actual Flows	% of Total	Estimated %	YTD Actual Flows	Actual Flows	% of Total	Estimated %	YTD Actual Flows	Actual Flows	% of Total	Estimated %	YTD Actual Flows	Actual Flows	% of Total	Estimated %		
5/31/2021	346.570	346.570	65.99%	63.38%	60.497	60.497	11.52%	12.36%	116.826	116.826	22.24%	23.92%	1.290	1.290	0.25%	0.34%	525.183	1.000
6/30/2021	634.090	287.520	66.76%	63.38%	103.540	43.043	9.99%	12.36%	215.789	98.963	22.98%	23.92%	2.460	1.170	0.27%	0.34%	430.696	1.000
7/31/2021	930.320	296.230	70.61%	63.38%	137.501	33.961	8.10%	12.36%	304.021	88.232	21.03%	23.92%	3.562	1.102	0.26%	0.34%	419.525	1.000
8/31/2021	1162.810	232.490	67.69%	63.38%	166.666	29.165	8.49%	12.36%	384.716	80.695	23.49%	23.92%	4.699	1.137	0.33%	0.34%	343.487	1.000
9/30/2021	1369.410	206.600	66.65%	63.38%	193.616	26.950	8.69%	12.36%	460.262	75.546	24.37%	23.92%	5.600	0.901	0.29%	0.34%	309.997	1.000
10/31/2021	1787.590	418.180	67.50%	63.38%	265.529	71.913	11.61%	12.36%	597.784	127.522	20.58%	23.92%	7.475	1.875	0.30%	0.34%	619.490	1.000
11/30/2021	2068.130	280.540	65.59%	63.38%	314.880	49.351	11.54%	12.36%	684.120	96.336	22.52%	23.92%	8.937	1.462	0.34%	0.34%	427.659	1.000
12/31/2021	2315.330	247.200	60.47%	63.38%	362.817	47.937	11.73%	12.36%	796.476	112.356	27.46%	23.92%	10.246	1.309	0.32%	0.34%	408.802	1.000
1/31/2022	2567.800	252.470	64.39%	63.38%	408.584	45.767	11.67%	12.36%	889.113	92.637	23.63%	23.92%	11.455	1.209	0.31%	0.34%	392.083	1.000
2/28/2022	2952.230	384.430	66.67%	63.38%	471.548	62.964	10.92%	12.36%	1016.840	127.727	22.15%	23.92%	12.972	1.517	0.26%	0.34%	576.638	1.000
3/31/2022	3301.220	348.990	61.44%	63.38%	539.845	68.297	12.02%	12.36%	1165.653	148.813	26.20%	23.92%	14.880	1.908	0.34%	0.34%	568.008	1.000
4/30/2022	3673.760	372.540	63.95%	63.38%	608.424	68.579	11.77%	12.36%	1305.059	139.406	23.93%	23.92%	16.901	2.021	0.35%	0.34%	582.546	1.000
		3673.760	65.554%			608.424	10.857%			1305.059	23.287%			16.901	0.302%		5604.144	12.000

	Kankakee Flows				Bradley Flows				Bourbonnais Flows				Aroma Park Flows				TOTALS	TOTALS
	YTD Actual Flows	Actual Flows	% of Total	Estimated %	YTD Actual Flows	Actual Flows	% of Total	Estimated %	YTD Actual Flows	Actual Flows	% of Total	Estimated %	YTD Actual Flows	Actual Flows	% of Total	Estimated %		
5/31/2022	327.190	327.190	63.29%	65.55%	59.684	59.684	11.54%	10.86%	128.467	128.467	24.85%	23.29%	1.632	1.632	0.32%	0.30%	516.973	1.000
6/30/2022	589.310	262.120	67.13%	65.55%	36.566	36.566	9.36%	10.86%	90.737	90.737	23.24%	23.29%	1.047	1.047	0.27%	0.30%	390.470	1.000
7/31/2022	845.820	256.510	69.25%	65.55%	32.633	32.633	8.81%	10.86%	80.160	80.160	21.64%	23.29%	1.083	1.083	0.29%	0.30%	370.886	1.000
8/31/2022	1073.610	227.790	68.05%	65.55%	27.078	27.078	8.09%	10.86%	78.806	78.806	23.54%	23.29%	1.089	1.089	0.33%	0.30%	334.763	1.000
9/30/2022	1270.980	197.370	66.81%	65.55%	24.400	24.400	8.26%	10.86%	72.615	72.615	24.58%	23.29%	1.022	1.022	0.35%	0.30%	295.407	1.000
10/31/2022	1478.340	207.360	65.54%	65.55%	29.974	29.974	9.47%	10.86%	78.126	78.126	24.69%	23.29%	0.949	0.949	0.30%	0.30%	316.409	1.000
11/30/2022	1675.230	196.890	63.27%	65.55%	30.268	30.268	9.73%	10.86%	83.143	83.143	26.72%	23.29%	0.899	0.899	0.29%	0.30%	311.200	1.000
12/31/2022	1914.460	239.230	64.26%	65.55%	40.083	40.083	10.77%	10.86%	91.917	91.917	24.69%	23.29%	1.026	1.026	0.28%	0.30%	372.256	1.000
1/31/2023	2164.510	250.050	64.07%	65.55%	42.295	42.295	10.84%	10.86%	96.867	96.867	24.82%	23.29%	1.043	1.043	0.27%	0.30%	390.255	1.000
2/28/2023	2416.300	251.790	59.61%	65.55%	51.947	51.947	12.30%	10.86%	117.385	117.385	27.79%	23.29%	1.262	1.262	0.30%	0.30%	422.384	1.000
3/31/2023	2808.030	391.730	60.21%	65.55%	89.485	89.485	13.75%	10.86%	167.099	167.099	25.68%	23.29%	2.277	2.277	0.35%	0.30%	650.591	1.000
4/30/2023	3098.910	290.880	64.32%	65.55%	143.995	54.510	12.05%	10.86%	272.361	105.262	23.27%	23.29%	3.892	1.615	0.36%	0.30%	452.267	1.000
		3,098.910	64.248%			518.923	10.759%			1,190.584	24.684%			14.944	0.310%		4,823.361	12.000

	Kankakee Flows				Bradley Flows				Bourbonnais Flows				Aroma Park Flows				TOTALS	TOTALS
	YTD Actual Flows	Actual Flows	% of Total	Estimated %	YTD Actual Flows	Actual Flows	% of Total	Estimated %	YTD Actual Flows	Actual Flows	% of Total	Estimated %	YTD Actual Flows	Actual Flows	% of Total	Estimated %		
5/31/2023	241.200	241.200	63.06%	64.25%	42.940	42.940	11.23%	10.76%	97.298	97.298	25.44%	24.68%	1.078	1.078	0.28%	0.31%	382.514	1.000
6/30/2023	429.120	187.920	66.42%	64.25%	27.600	27.600	9.76%	10.76%	66.500	66.500	23.50%	24.68%	0.910	0.910	0.32%	0.31%	282.930	1.000
7/31/2023	634.720	205.600	61.28%	64.25%	35.730	35.730	10.65%	10.76%	93.260	93.260	27.80%	24.68%	0.920	0.920	0.27%	0.31%	335.510	1.000
8/31/2023	859.940	225.220	65.28%	64.25%	36.170	36.170	10.48%	10.76%	82.660	82.660	23.96%	24.68%	0.970	0.970	0.28%	0.31%	345.020	1.000
9/30/2023	1062.280	202.340	64.02%	64.25%	32.810	32.810	10.38%	10.76%	79.930	79.930	25.29%	24.68%	0.980	0.980	0.31%	0.31%	316.060	1.000
10/31/2023	1280.950	218.670	55.75%	64.25%	52.360	52.360	13.35%	10.76%	120.040	120.040	30.60%	24.68%	1.170	1.170	0.30%	0.31%	392.240	1.000
11/30/2023	1487.430	206.480	61.78%	64.25%	35.660	35.660	10.67%	10.76%	91.140	91.140	27.27%	24.68%	0.960	0.960	0.29%	0.31%	334.240	1.000
12/31/2023	1754.640	267.210	58.46%	64.25%	52.760	52.760	11.54%	10.76%	135.780	135.780	29.71%	24.68%	1.300	1.300	0.28%	0.31%	457.050	1.000
1/31/2024	2206.160	451.520	62.71%	64.25%	88.360	88.360	12.27%	10.76%	177.770	177.770	24.69%	24.68%	2.370	2.370	0.33%	0.31%	720.020	1.000
2/29/2024	2511.780	305.620	66.81%	64.25%	48.260	48.260	10.55%	10.76%	102.070	102.070	22.31%	24.68%	1.500	1.500	0.33%	0.31%	457.450	1.000
3/31/2024	2811.640	299.860	63.99%	64.25%	49.050	49.050	10.47%	10.76%	118.090	118.090	25.20%	24.68%	1.630	1.630	0.35%	0.31%	488.630	1.000
4/30/2024	3244.620	432.980	61.92%	64.25%	135.480	86.430	12.36%	10.76%	295.680	177.590	25.40%	24.68%	3.860	2.230	0.32%	0.31%	699.230	1.000
		3,244.620	62.506%			588.130	11.330%			1,342.126	25.855%			16.018	0.309%		5,190.894	12.000

	Kankakee Flows				Bradley Flows				Bourbonnais Flows				Aroma Park Flows				TOTALS	TOTALS
	YTD Actual Flows	Actual Flows	% of Total	Estimated %	YTD Actual Flows	Actual Flows	% of Total	Estimated %	YTD Actual Flows	Actual Flows	% of Total	Estimated %	YTD Actual Flows	Actual Flows	% of Total	Estimated %		
5/31/2024	344.100	344.100	63.85%	62.51%	59.080	59.080	10.96%	11.33%	134.020	134.020	24.87%	25.86%	1.760	1.760	0.33%	0.31%	538.960	1.000
6/30/2024	344.100	0.000	0.00%	62.51%	0.000	0.000	0.00%	11.33%	0.000	0.000	0.00%	25.86%	0.000	0.000	0.00%	0.31%	0.000	0.000
7/31/2024	344.100	0.000	0.00%	62.51%	0.000	0.000	0.00%	11.33%	0.000	0.000	0.00%	25.86%	0.000	0.000	0.00%	0.31%	0.000	0.000
8/31/2024	344.100	0.000	0.00%	62.51%	0.000	0.000	0.00%	11.33%	0.000	0.000	0.00%	25.86%	0.000	0.000	0.00%	0.31%	0.000	0.000
9/30/2024	344.100	0.000	0.00%	62.51%	0.000	0.000	0.00%	11.33%	0.000	0.000	0.00%	25.86%	0.000	0.000	0.00%	0.31%	0.000	0.000
10/31/2024	344.100	0.000	0.00%	62.51%	0.000	0.000	0.00%	11.33%	0.000	0.000	0.00%	25.86%	0.000	0.000	0.00%	0.31%	0.000	0.000
11/30/2024	344.100	0.000	0.00%	62.51%	0.000	0.000	0.00%	11.33%	0.000	0.000	0.00%	25.86%	0.000	0.000	0.00%	0.31%	0.000	0.000
12/31/2024	344.100	0.000	0.00%	62.51%	0.000	0.000	0.00%	11.33%	0.000	0.000	0.00%	25.86%	0.000	0.000	0.00%	0.31%	0.000	0.000
1/31/2025	344.100	0.000	0.00%	62.51%	0.000	0.000	0.00%	11.33%	0.000	0.000	0.00%	25.86%	0.000	0.000	0.00%	0.31%	0.000	0.000
2/28/2025	344.100	0.000	0.00%	62.51%	0.000	0.000	0.00%	11.33%	0.000	0.000	0.00%	25.86%	0.000	0.000	0.00%	0.31%	0.000	0.000
3/31/2025	344.100	0.000	0.00%	62.51%	0.000	0.000	0.00%	11.33%	0.000	0.000	0.00%	25.86%	0.000	0.000				

Flows  
 KRMA Treatment Facility  
 May, 2024

Date	PRECIPITA INCHES	PLANT MGD	Kankakee MGD	BOURB. MGD	BradleyFlow MGD	AromaPark MGD
5/1/2024	.00	26.86	15.94	7.65	3.17	.09
5/2/2024	.17	25.76	16.43	6.16	3.09	.08
5/3/2024	.00	22.80	14.57	5.40	2.76	.07
5/4/2024	.00	20.42	12.99	4.97	2.39	.07
5/5/2024	.00	18.80	11.73	4.61	2.39	.07
5/6/2024	.00	17.78	11.05	4.27	2.40	.06
5/7/2024	.13	16.87	10.39	4.43	1.99	.06
5/8/2024	.30	17.04	11.23	4.09	1.67	.05
5/9/2024	.49	18.27	10.09	5.77	2.35	.06
5/10/2024	.00	19.54	12.13	5.07	2.28	.05
5/11/2024	.00	17.58	11.20	4.33	2.01	.05
5/12/2024	.00	16.18	10.45	3.93	1.75	.05
5/13/2024	.87	14.96	9.09	3.98	1.82	.07
5/14/2024	.00	21.54	10.86	7.83	2.76	.09
5/15/2024	.12	22.84	15.29	5.36	2.11	.08
5/16/2024	.00	18.28	11.75	4.57	1.89	.07
5/17/2024	.00	17.83	11.72	4.18	1.87	.06
5/18/2024	.00	16.65	10.96	3.90	1.73	.06
5/19/2024	.00	15.48	10.12	3.65	1.65	.06
5/20/2024	.13	14.45	9.30	3.53	1.57	.05
5/21/2024	.00	14.52	9.73	3.31	1.44	.05
5/22/2024	.00	14.41	10.02	3.12	1.22	.05
5/23/2024	.00	13.52	9.30	2.98	1.20	.04
5/24/2024	.00	13.05	8.99	2.88	1.13	.05
5/25/2024	.00	12.93	8.84	2.81	1.23	.05
5/26/2024	1.28	17.02	10.23	4.67	2.07	.05
5/27/2024	.00	18.18	12.06	4.17	1.91	.05
5/28/2024	.00	15.11	9.96	3.44	1.68	.04
5/29/2024	.00	14.15	9.62	3.15	1.35	.04
5/30/2024	.00	13.42	9.26	2.98	1.14	.04
5/31/2024	.00	12.77	8.82	2.86	1.06	.04
Total	3.49	538.95	344.10	134.02	59.08	1.76
Average	.11	17.39	11.10	4.32	1.91	.06
Minimum	.00	12.77	8.82	2.81	1.06	.04
Maximum	1.28	26.86	16.43	7.83	3.17	.09
# of data	31.00	31.00	31.00	31.00	31.00	31.00



STATE OF ILLINOIS                    )  
  ) SS.  
KANKAKEE COUNTY                    )

I, the undersigned, do hereby certify that I am the duly qualified and acting Secretary of the Kankakee River Metropolitan Agency (“KRMA”), Kankakee County, Illinois, and as such I am the keeper of the records and files of the Board of Directors of KRMA.

I further certify that the foregoing is a full, true and complete copy of the Resolution entitled:

**A RESOLUTION AUTHORIZING THE DESTRUCTION OF CERTAIN CLOSED SESSION  
VERBATIM RECORDINGS OF KRMA BOARD MEETINGS**

adopted at a duly called Regular Meeting of KRMA held at Kankakee, Illinois at 9:00 a.m. on the \_\_\_\_\_ day of June, 2024.

I do further certify that the deliberations of the Board on the adoption of said Resolution were conducted openly, that the vote on the adoption of said Resolution was taken openly, that said meeting was called and held at a specified time and place convenient to the public, that notice of said meeting was duly given as required by law, that said meeting was called and held in strict compliance with the provisions of the Open Meetings Act of the State of Illinois, as amended, and that the KRMA Board has complied with all the provisions of said Act and with all the procedural rules of the Board.

IN WITNESS WHEREOF I hereunto affix my official signature at Kankakee, Illinois, this \_\_\_\_\_ day of June, 2024.

\_\_\_\_\_  
Brian Stump, Secretary