

AGENDA

KANKAKEE RIVER METROPOLITAN AGENCY MEETING

Thursday, September 28, 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. August 24, 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. KRMA's Organization Chart

V. Old Business

A. Bradley Property Update

1. Timeline for Sale of Bradley Property

B. Kimley-Horn/Bradley Report

VI. New Business

A. Draft Audit Report

B. Motion to Approve Assistant Superintendent Salary

VII. Executive Session

A. Personnel & Probable or Imminent Litigation

VIII. Next Meeting

Thursday, October 26, 2023 (9:00 AM in KRMA Boardroom)

KANKAKEE RIVER METROPOLITAN AGENCY
MINUTES
August 24, 2023 – 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
Financial Director Robert Romo, Village of Bradley
Alderman Danita Swanson, City of Kankakee
Alderman Larry Osenga, 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
Dustin Scheppler, Asst. Superintendent, Operations

Other:

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

Chairman, Mayor Curtis called the meeting to order.

I. **Roll Call**

Roll Call was taken. All Board members were present, except for Dir Brian Stump.

II. **Public Comment**

Director Steven Hunter presented the Christmas Day Inc, Christmas Dinner Donation Flyer. He gave some background on the organization and what they do for people on Christmas Day. He also gave information on information on where donations can be given.

III. **Approval of Board Minutes July 27, 2023 – Regular Board Meeting**

Motion to approve the July 27, 2023, Regular Board Meeting minutes was made by: Dir. Osenga and seconded by Vice Chairman Schore. All board members present voted in favor of, Dir Brian Stump absent. Motion Carried.

IV. **Reports**

A. **Operations & Maintenance Report**

Monthly Report

Art presented the MOR. Art directed them to the graphs under Attachment A. Art stated we are doing well for loadings, except for TSS, Total Suspended Solids, due to the low flow and suspended solids within the collection system. Chairman Curtis asked is the TSS more of an industry performance or weather performance? Art and Dir Romo agreed on the weather. Art explained a lot of it is organic. Art also informed the board that KRMA had to enter a CCA, Compliance Commitment Agreement with IEPA. The plant has been back online since last month.

B. **Executive Director Report**

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

Exec. Dir. Dave Tyson presented the yearly utility usage. All the utilities are in line.

2. **Hauled In Waste Summary**

Exec. Dir. Tyson stated hauled in waste is down but stable this month. On the hauled in waste summary, you see Newton County has been cut off.

3. **Operations Report**

Exec Dir Dave Tyson stated our generator is still down, waiting for a part to come in. Vice Chairman Schore asked, with the generator down is it affecting our electricity? Exec Dir Tyson replied, so far it has not affected us. He also stated that he received CMOM's from Kankakee, Bourbonnais, and Bradley, he is still awaiting Aroma Park's. Dir Hunter asked about Chebanse's CMOM? Exec Dir Tyson replied, IEPA asked us to have Chebanse complete CMOM's, therefore, Chairman Curtis and Exec Dir Tyson stated they will follow up with them.

C. **Financial Report**

1. **Reports**

Karen Benson presented the financial statements, stating statement of net position shows a good cash balance, account receivables total is down, due to usage of receivables for set-a-side to artificially inflate our revenue to make sure we are covered and now they are down to more manageable numbers. Chairman Curtis asked, do you anticipate a similar situation next audit round. Karen replied, she anticipates we should be able to keep numbers down. Statement of Revenue and Expenses shows that the hauled in waste is above the budgeted month even with the reduction of Newton County. Vice Chairman Schore stated he surprised the septic revenue is staying up due to the dry weather. Melanie informed him they may be staying consistent due to the porta potty at the festivals, and we do have some customers that service the Chicago Area as well. Karen informed the board that we are below budget in our change of net position.

2. **Hauled In Waste Report**

None

3. **Flows Graphs**

Karen stated we will continue to keep tracking the flows on the graph.

D. **Communications**

None

V. **Old Business**

A. **Bradley Property**

1. **Timeline for Sale of Bradley Property**

Chairman Curtis asked Dir Romo is there any timeline and/or decision regarding the Bradley Property sale? Dir Romo responded, not right now. Chairman Curtis further stated Strand is trying to finalize some of their drawings on whether they proceed with the Bradley property or without the property. Dir Romo asked Chairman Curtis would he like another sit down with Mayor Watson to negotiate. Vice Chairman Schore asked is there any realistic expectation on a timeframe. Dir Romo stated Village of Bradley, he's not in a rush, there are some changes he would like to see made regarding insourcing the lab, equal board representation, and cost allocation to loadings. There was a rebuttal, discussion, expression of concerns regarding these matters, expansion cost to the communities and the growth within the communities. Dir Romo also stated the Village of Bradley may look into other options that could be a cost savings for their community. Dir Romo asked for the By-Laws to be changed. Dir Hunter stated we have to project for the future of the plant. Dir Romo asked Vice Chairman Schore what his take is on the underutilization of flows and the heavy weighting of loads? Vice Chairman Schore give Dir Romo some history on how the plant was based on a) ownership and b) flows and not strength of effluent and stated there is a disparity on the fact that each municipal is on their individual systems. Most of the industrial waste comes only from the City of Kankakee where revenue is collected, however, all municipal share the cost in treating that waste and not receiving any revenue. The city of Kankakee also took on the expense of running sewer lines to these industries that is not in the City of Kankakee in the early 50's when industries was being built which entire Kankakee County benefited. Vice Chairman Schore gave more detail history about joining forces as KRMA. Dir Swanson expressed her concern regarding the request that Dir Romo was asking to change. Vice Chairman Schore asked Dir Romo for a formal list on the Village of Bradley letterhead regarding the changes he would like at KRMA. Dir Romo stated he will give them a letter and he would like to see it on the next agenda. Dir Osenga asked has there been any confrontation, Kankakee using their voting power to push votes toward Kankakee. Dir Romo replied yes, the increase in the

PILOT Fee was passed in 2020. Attorney Neal asked how the sale of Bradley Property has anything to do with the PILOT Fee. Dir Romo replied, he doesn't mind paying the PILOT Fee with proper documentation of it being earned and/or service being given. Chairman Curtis state he willing to negotiate once we have his demand formalized.

B. **Republic Services Update**

Exec Dir Tyson reiterated, KRMA is not accepting any waste from Newton County at this time, however, we are considering taking in one 6800gal truck load a day which would bring us twenty thousand, four hundred to dollars a month in revenue. The max we would consider is three 6800gal truck loads per day, which would almost three quarters of a million dollars in revenue. There were questions and concerns about accepting Newton County loads and how it would affect the plant and the revenue it could bring to KRMA.

C. **Kimley-Horn/Bradley Report**

None

D. **Administrative Assistant Update**

Exec Dir Tyson informed the board there was a total of 57 applicants we reviewed, Art and I interviewed 6, and we made a job offer to Michelle Howard and she accepted. Exec Dir Tyson gave a synopsis on her work background.

VI. **New Business**

A. **Draft Audit Report**

Karen stated she will send it to the board members via email.

B. **401(k) Proposal**

Exec Dir Tyson stated they have started looking into the 401(k), per the agreement of the Collective Bargaining Union Contract.

C. **Consideration to release Closed Session Minutes**

Motion to approve Closed Session Minutes January 2022 to July 2022 was made by Dir Swanson and seconded by Dir Hunter. All board members present voted in favor of Dir Brian Stump and Dir Robert Romo absent. Motion Carried.

D. **Revised Organizational Chart**

Motion to approve the new Organization Chart for KRMA was made by Dir Osenga and Vice Chairman Schore. All board members present voted in favor of Dir Brian Stump and Dir Robert Romo absent. Motion Carried.

Per KRMA new Organization Chart we have a new job description for Director of Technical Services. Motion to accept the new job description for Director of Technical Services was made by Dir Osenga and second by Vice Chairman Schore. All board members present voted in favor of Dir Brian Stump and Dir Robert Romo absent. Motion Carried.

VII. **Executive Session**

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

Motion to go into Executive Session to discuss Personnel, and probable or imminent litigation pursuant to Sections 2(c)(1) and 2(c)(21) of the open meetings act, was made by: Dir. Hunter and seconded by: Dir. Osenga. Motion carried.

Roll call was taken, and all Board Members were present, except Dir Brian Stump was absent.

The Board went into Executive Session to discuss Personnel.

Return to Open Session.

Roll call was taken, and all Board Members were present, except for Dir Brian Stump and Dir Romo.

With the Board back in open session there was no action taken.

VIII. **Next Meeting**

Next Regular Board Meeting- **Thursday, September 28, 2023 (9:00 A.M. at KRMA Board Room)**

Motion to Adjourn was made by: Dir Swanson and seconded by Dir Osenga. Motion Carried.



Providing Wastewater Treatment to the Kankakee River Valley

August Days are for
Laughter and Play,
Making Memories All
the Way!

A photograph of a field of red poppies in bloom, set against a bright, hazy sunset background. The sun is low on the horizon, creating a warm, golden glow. The poppies are in various stages of bloom, with some fully open and others as buds. The overall mood is peaceful and celebratory.

**Hello
August**

Monthly Operations Report

August 2023

KRMA's AUGUST HIGHLIGHTS:

The Agency continue to work with the City of Kankakee and Kensing on force main replacement. The issues of concern are PH control, BOD load discharge, and H2S control. These concerns are from sulfur compound discharge creating anaerobic condition in collection system.

On behalf of the City of Kankakee licensee for the hydroelectric project, the process of preparing study plans for cultural resources and fish impingement/entrainment is being performed by Stantec. These study plans will be made available on the city's relicensing website when complete. When the hydro plant is operational it can supply the treatment plant with up-to a third of its electrical power usage.

Dialogue between Newton County/Republic and the Agency has been initiated regarding the possible return of their discharge leachate waste to the treatment plant. They will be monitored for up to an eight (8) week period to determine the effect their discharge waste has on the facility.

The month of August, the Agency had no violation 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)	345.02	225.22	82.660	36.170	0.971
Daily Average Flow (MGD)	11.13	7.27	2.666	1.167	0.031

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	5 mg/l
Total Suspended Solids (TSS) - Monthly Average	25 mg/l	13 mg/l
PH	6-9 SU	7.08 SU
Chlorine Residual	0.05 mg/l	0.020 mg/l
Fecal Coliform	400/100 ml	11/100 ml

ODOR ISSUES:

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

4.0 PERSONNEL

The Agency would like to Congratulate these KRMA employees for August 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.

Jack Renchen, Lead O & M Operator Specialist, 18 years

Alexander Bowser, O & M Operator Specialist, 2 year

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

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: 1146
Hours of Scheduled Work Orders Performed: 699.28

6.0 SLUDGE HANDLING

Start Date: 08/01/2023
End Date: 08/31/2023

Gallons of sludge produced and sent to thickening: 1,792,343.00
Gallons of sludge put into storage after thickening: 655,200.00
Sludge removed from the plant for land application: 960,000.00
Sludge remaining in storage: 990,000.00

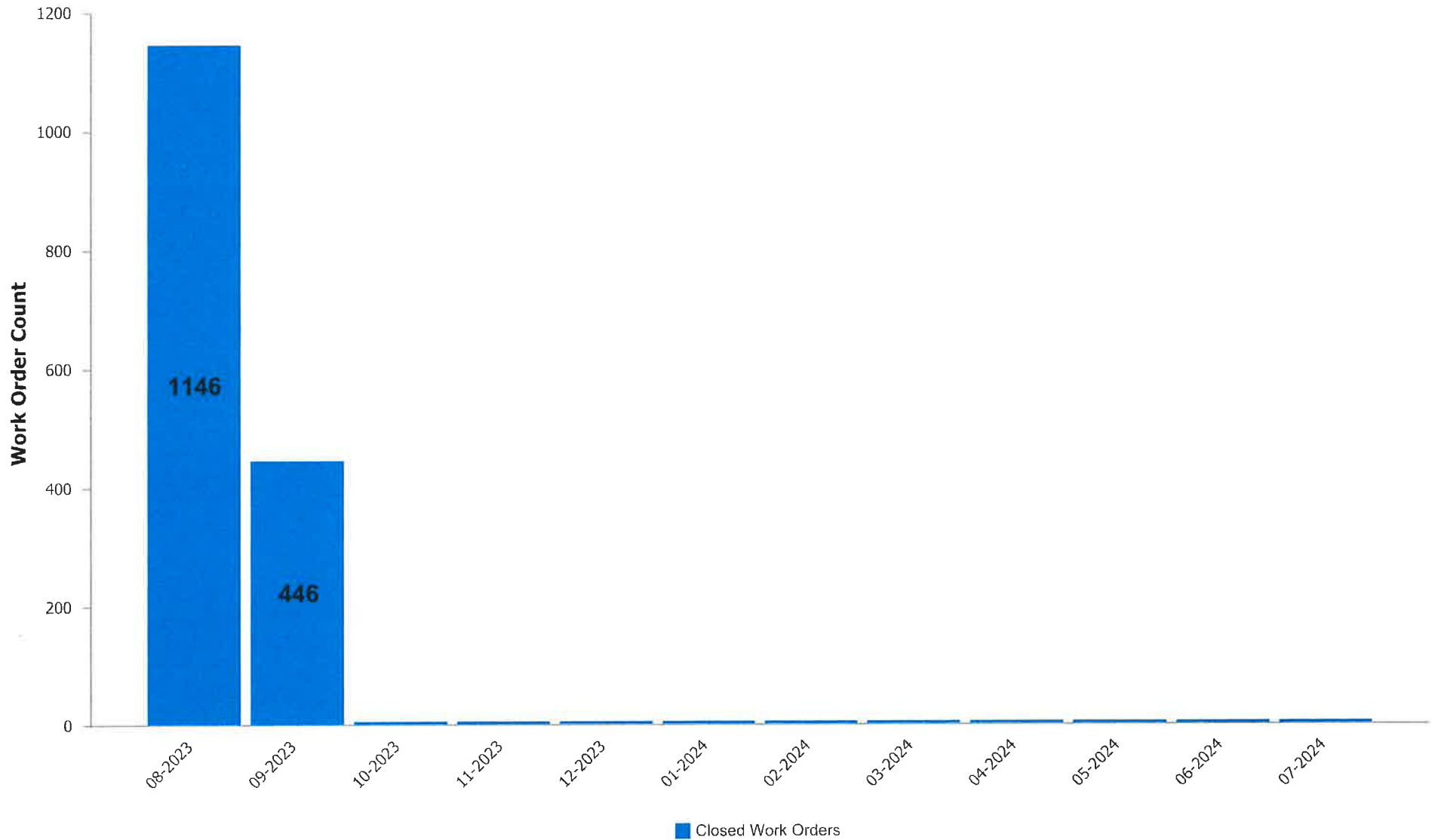
7.0 WATER USAGE

AUGUST 2023 (34 DAYS): 58,338 CU FT= 436,400 GALS. = \$3,714.57

NUMBER OF DAYS IN THE BILLING CYCLE: 34

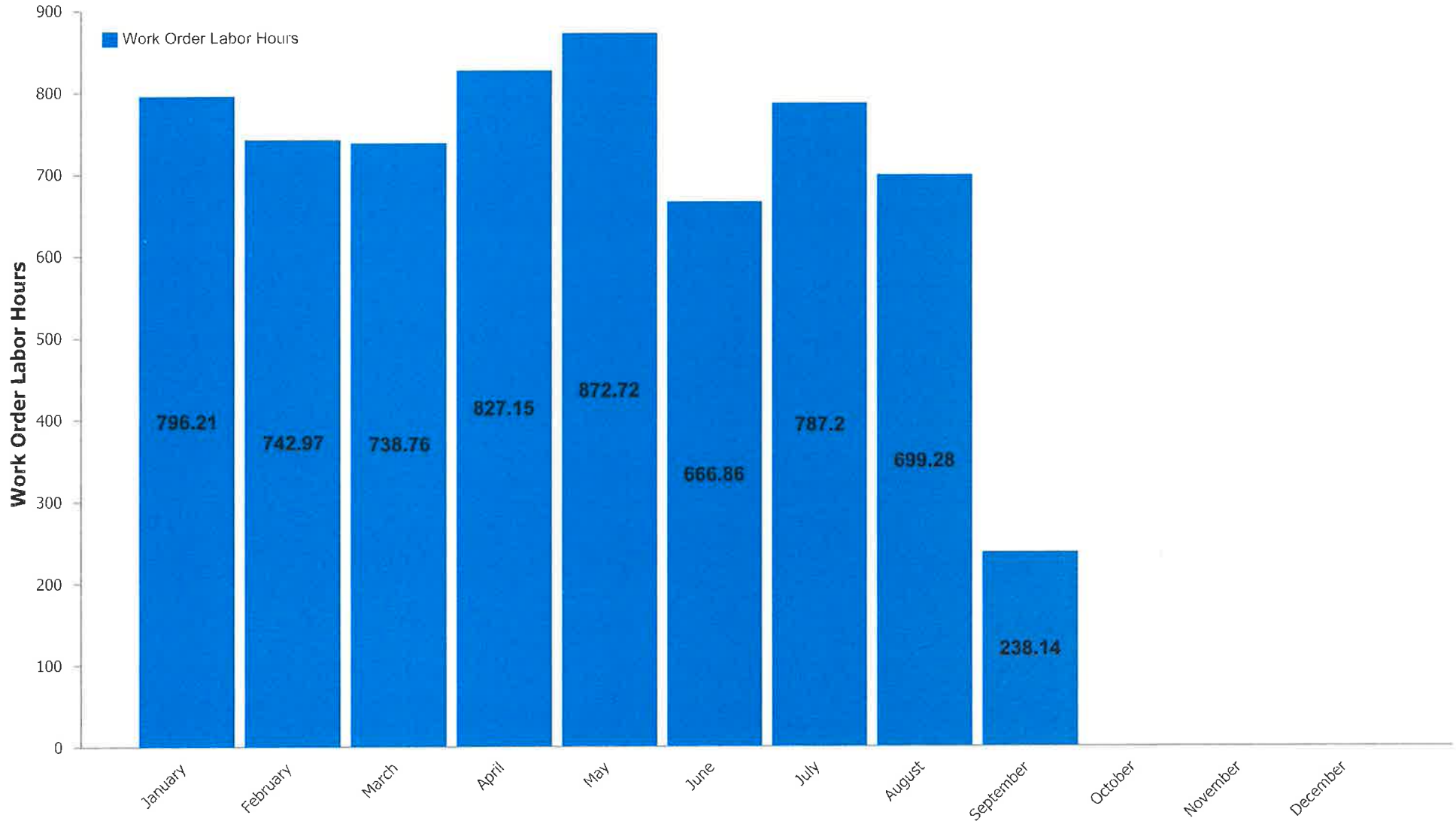
Work Orders Closed By Month

From August, 2023 to July, 2024



Work Order Labor Hours by Month

2023



ATTACHMENT

A

DMR Monthly Report

8/1/2023 to 8/31/2023

Var #	452	159	119	236	454	351	113	237	386
	EFF FLOW	001 Eff pH	FINAL EFF TSS	Weekly ave Eff TSS	EFF TSS	WeeklyAv eEffTSS	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
8/1/2023	9.279	7.10	10		774		3		232
8/2/2023	9.496	7.15	10		792		3		238
8/3/2023	9.603	7.13	12		961		3		240
8/4/2023	9.499	7.14	10		792				
8/5/2023	17.530		20	11	2,924	1,052	5	4	731
8/6/2023	19.147		16		2,555		2		319
8/7/2023	17.679	7.16	13		1,917		4		590
8/8/2023	14.718	6.99	8		982		4		491
8/9/2023	13.541	7.02	7		791		3		339
8/10/2023	12.160	6.94	6		608		4		406
8/11/2023	11.898	7.07	7		695				
8/12/2023	11.845		8	9	790	1,191	3	3	296
8/13/2023	11.029		8		736		3		276
8/14/2023	10.437	6.98	27		2,350		6		522
8/15/2023	11.133	7.10	9		836		4		371
8/16/2023	10.999	7.31	9		826		3		275
8/17/2023	10.585	7.21	9		795		6		530
8/18/2023	10.673	7.09	11		979				
8/19/2023	10.064		15	13	1,259	1,111	4	4	336
8/20/2023	9.951		11		913		4		332
8/21/2023	9.604	7.00	11		881		4		320
8/22/2023	9.791	6.97	13		1,062		4		327
8/23/2023	9.891	7.11	11		907		4		330
8/24/2023	9.764	7.06	14		1,140		8		651
8/25/2023	9.864	7.18	14		1,152				
8/26/2023	9.447		13	12	1,024	1,011	9	6	709
8/27/2023	9.127		13		990		5		381
8/28/2023	9.176	7.23	16		1,224		5		383
8/29/2023	8.863	7.08	20		1,478		7		517
8/30/2023	9.069	6.78	24		1,815		7		529
8/31/2023	9.155	7.14	26		1,985		8		611

Minimum	8.863	6.78	6	9	608	1,011	2	3	232
Maximum	19.147	7.31	27	13	2,924	1,191	9	6	731
Average	11.130	7.08	13	11	1,191	1,091	5	4	418
Sum	345.017	162.94	401	45	36,932	4,365	125	17	11,283

Limit		Range 6-9	25	45	9383	16889	20	40	7506
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DMR Monthly Report

8/1/2023 to 8/31/2023

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	%
8/1/2023		0.018	19	9.28	155	11,995	314	24,299	98
8/2/2023		0.016	8	9.50	133	10,533	204	16,156	98
8/3/2023		0.019	11	9.60	152	12,174	152	12,174	98
8/4/2023		0.020	0	9.50			218	17,270	
8/5/2023	345			17.53	170	24,854	390	57,018	97
8/6/2023				19.15	96	15,330	146	23,314	98
8/7/2023		0.004	3	17.68	142	20,937	112	16,514	97
8/8/2023		0.030	16	14.72	206	25,286	190	23,322	98
8/9/2023		0.020	3	13.54	249	28,120	210	23,716	99
8/10/2023		0.007	6	12.16	208	21,094	218	22,108	98
8/11/2023		0.013	1	11.90			466	46,241	
8/12/2023	407			11.85	110	10,867	202	19,955	97
8/13/2023				11.03	128	11,774	292	26,859	98
8/14/2023		0.025	28	10.44	216	18,802	268	23,328	97
8/15/2023		0.035	7	11.13	246	22,841	260	24,141	98
8/16/2023		0.010	66	11.00	233	21,373	220	20,181	99
8/17/2023		0.025	21	10.59	217	19,157	262	23,129	97
8/18/2023		0.011	3	10.67			302	26,882	
8/19/2023	385			10.06	241	20,228	312	26,187	98
8/20/2023				9.95	210	17,428	302	25,063	98
8/21/2023		0.021	3	9.60	186	14,898	204	16,340	98
8/22/2023		0.017	4	9.79	223	18,209	228	18,618	98
8/23/2023		0.018	5	9.89	178	14,683	310	25,572	98
8/24/2023		0.020	12	9.76	209	17,019	290	23,615	96
8/25/2023		0.018	1	9.86			248	20,402	
8/26/2023	445			9.45	203	15,994	256	20,170	96
8/27/2023				9.13	207	15,757	254	19,334	98
8/28/2023		0.039	5	9.18	235	17,984	146	11,173	98
8/29/2023		0.033	6	8.86	178	13,157	120	8,870	96
8/30/2023		0.025	4	9.07	275	20,800	140	10,589	97
8/31/2023		0.011	16	9.16	284	21,684	178	13,591	97

Minimum	345	0.004	0	8.86	96	10,533	112	8,870	96
Maximum	445	0.039	66	19.15	284	28,120	466	57,018	99
Average	396	0.020	11	11.13	196	17,888	239	22,133	98
Sum	1,582	0.455	248	345.02	5,290	482,978	7,414	686,131	2,636

Limit	15012	0.05	400						
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DMR Monthly Report

8/1/2023 to 8/31/2023

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
8/1/2023	97	6.93	7.05	6.99		3.16	244.54	0.50	
8/2/2023	95	6.75	6.89	6.82		0.42	33.18	0.35	
8/3/2023	92	6.86	6.95	6.91		0.23	18.10	0.25	
8/4/2023	95	6.78	6.86	6.82					
8/5/2023	95	6.59	6.81	6.70	6.97				
8/6/2023	89	7.01	7.36	7.19		0.06	10.12	0.20	
8/7/2023	88	7.25	7.31	7.28		0.18	25.80	0.72	
8/8/2023	96	7.07	7.06	7.07		0.12	14.73	0.29	5.88
8/9/2023	97	7.17	7.14	7.16		0.05	5.65	0.20	
8/10/2023	97	7.03	7.01	7.02		0.20	20.28	0.21	
8/11/2023	98	6.91	6.93	6.92					
8/12/2023	96	7.03	7.05	7.04	7.10				
8/13/2023	97	7.16	7.22	7.19		0.05	4.60	0.12	
8/14/2023	90	7.06	7.15	7.11		0.16	13.84	0.18	
8/15/2023	97	7.15	7.21	7.18		0.10	9.19	0.24	
8/16/2023	96	7.09	7.19	7.14		0.05	4.59	0.17	11.10
8/17/2023	97	6.96	7.06	7.01		0.05	4.41	0.14	
8/18/2023	96	6.85	6.99	6.92					
8/19/2023	95	6.71	6.88	6.80	7.05				
8/20/2023	96	6.78	6.91	6.85		0.12	9.71	0.23	12.60
8/21/2023	95	6.96	7.06	7.01		0.12	9.93	0.33	
8/22/2023	94	7.06	7.03	7.05		0.16	13.39	0.26	
8/23/2023	96	6.84	6.88	6.86		0.23	19.06	0.29	
8/24/2023	95	6.72	6.83	6.78		0.42	34.45	0.38	
8/25/2023	94	6.86	7.11	6.99					
8/26/2023	95	7.03	7.26	7.15	6.95				
8/27/2023	95	6.97	7.25	7.11		0.13	9.74	0.36	10.74
8/28/2023	89	7.00	7.20	7.10		0.12	9.41	0.49	
8/29/2023	83	6.94	7.07	7.01		0.46	34.22	0.58	
8/30/2023	83	7.01	7.11	7.06		0.18	13.46	0.83	
8/31/2023	85	7.01	7.06	7.04		0.50	38.18	1.75	

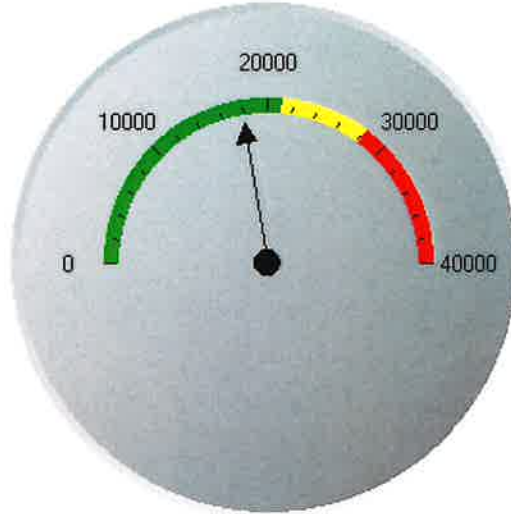
Minimum	83	6.59	6.81	6.70	6.95	0.05	4.41	0.12	5.88
Maximum	98	7.25	7.36	7.28	7.10	3.16	244.54	1.75	12.60
Average		6.95	7.06	7.01	7.02	0.32	26.11	0.39	10.08
Sum	2,905	215.54	218.89	217.22	28.06	7.27	600.60	9.07	40.32

Limit				min >4.0	>4.5	8.3	3115		
				avg >6.0					

Influent BOD loading Lbs - Monthly AVG

17,888 Lbs./Day

08/01/2023 - 08/31/2023

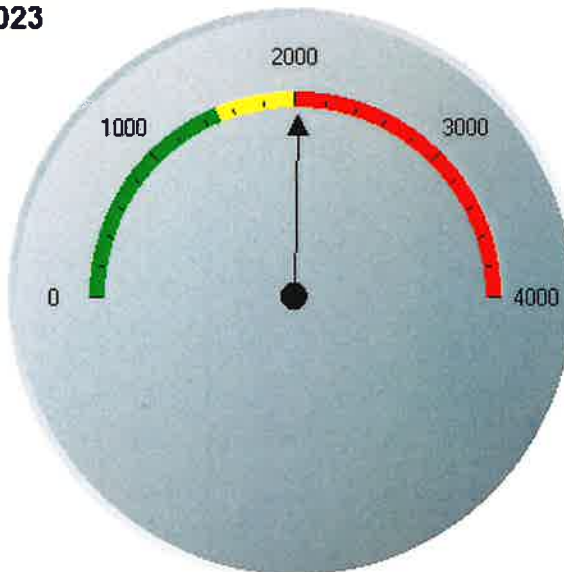


0 to 21150 - Target Loading
21150 to 28200 - Above 75% Threshold
Above 28200

Influent NH3 loading Lbs - Monthly AVG

2,030 Lbs./Day

08/01/2023 - 08/31/2023



0 to 1500 - Target Loading
1500 to 2000 - Above 75% Threshold
Above 2000

Influent TSS loading Lbs - Monthly AVG

22,133 Lbs./Day

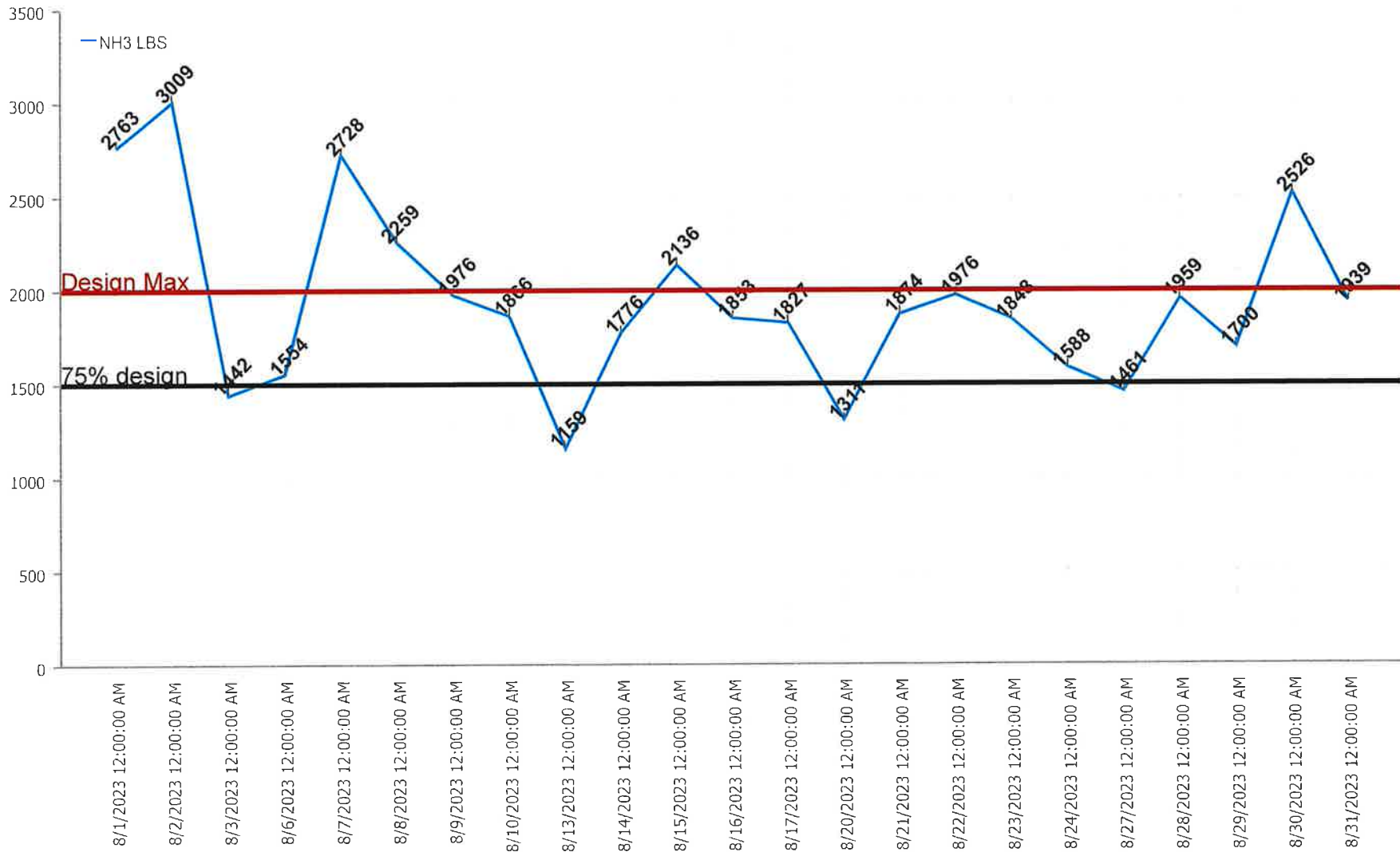
08/01/2023 - 08/31/2023



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

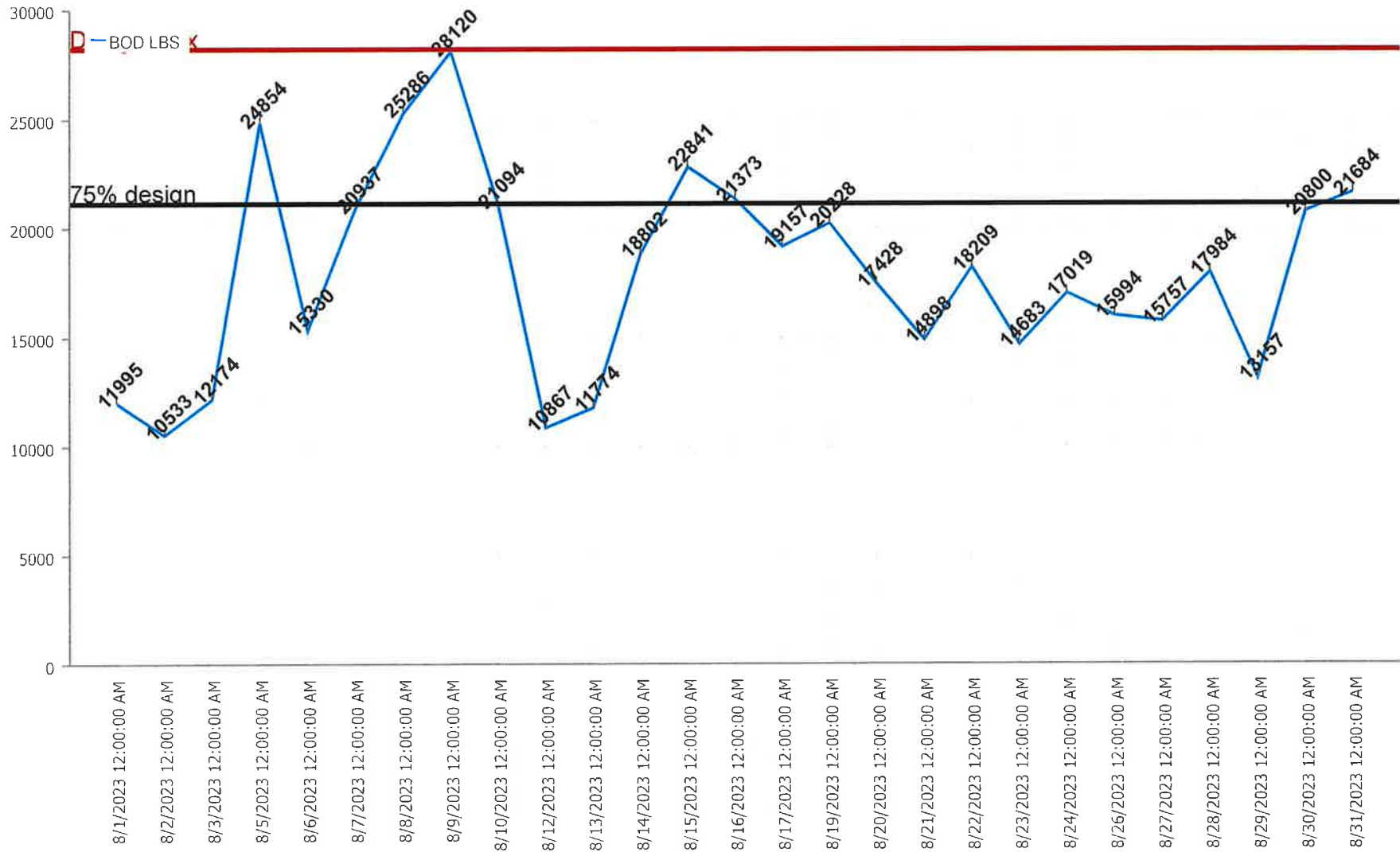
KRMA influent NH3 pounds

Average Lbs. NH3: 1,936.09



KRMA influent BOD pounds

Average Lbs. BOD: 17,888.07



ATTACHMENT

B

ATTACHMENT

C



SAFETY MEETING
August 17, 2023
9:30am & 1:30pm
Minutes

In attendance:

9:30am session:

Melanie Gossett, Facilitator

Shaun Ownbey	Dan Combs	Nick Scheppler	Mike Gowler
John Lund	Max Gossett	Nick Tucker	RJ Tyson
Rob Forsman	Dave Tyson		

1:30pm session:

Melanie Gossett, Facilitator

Jack Renchen	Shawn Malone	Jim Churney	Ron Haney
Josh Peters	Bryan Kennedy	Alex Bowser	

Absent:

Mike Arseneau

I. Safety Minutes

Minutes from July 2023 - Approved

II. Old Business

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

III. New Business

A. Safety Training

1. *Blood Borne Pathogens IPRF #3339* video presentation (no CEUs offered).
2. Employees were reminded:
 - The importance of utilizing disposable gloves in all areas.
 - Tyvek suits are available for use.
 - Individual full face protection devices have been distributed and should be used.
 - N95 masks are available if needed.



SAFETY MEETING
September 14, 2023
9:30am
Agenda

I. Safety Minutes

Review minutes from August 2023.

II. Old Business

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

I. New Business

A. Safety Training

KRMA Reorganization

B. Safety Concerns

C. Safety Team Leader Report

Safety Team Leader responsibilities transferred from Dan Combs to Max Gossett

D. Open Discussion

River Clean-up 2023; 9-16-2023; 8am-1pm

Next Meeting: Tuesday, October 10th, 2023 9:30am & 1:30pm

ATTACHMENT

D

FIELD CALIBRATION SHEET

COMPANY: KRMA

CITY: KANKAKEE/RIVERLANE

FLOW METER MODEL: Isco Signature

INFLUENT September 8th, 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 24.139

LEVEL AFTER: 24.124"

D) Actual level 1.53" 15.36 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: 9/8/2023

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 August 11th, 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 20 MGD AS Found 20.46 MGD

LEVEL AFTER: 20.03 MGD

C) Actual Flow 10.32 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: 9/8/2023

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 September 8th, 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 14" Level reading 13.857"

LEVEL AFTER: 13.989"

C) Actual Level 5.13" 1.14 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: 9/8/2023

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/BROOKMONT

FLOW METER MODEL: ISCO Signature

INFLUENT September 9th, 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? 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 24.038

LEVEL AFTER: 24.121

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 9/8/2023

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 September 8th, 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 20 MGD AS Found 20.06 MGD

LEVEL AFTER: 20.03 MGD

C) Actual Flow 10.32 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: 9/8/23

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 Influent

FLOW METER MODEL: Isco Laser Flow

INFLUENT September 15th, 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 45" As found 45.180"

LEVEL AFTER: 45.180"

C) Actual level 25.398 8.84 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: 9/15/2023

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 September 15th, 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?

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 15.0" As found 15.040"

LEVEL AFTER: 15.040"

C) Actual level 12.870" 2.88 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: 9/15/2023

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

ATTACHMENT

E

August 2023 Monthly Pretreatment Sample Analysis (metals, cyanide & VOA) for the permitted industries were a total of **55 samples** and a total of **316 analyses**.

Gilster-Mary Lee Corporation	5 Samples
Hoffman Transportation, LLC	8 Samples
Liberty Landfill, LLC	9 Samples
Livingston Landfill	5 Samples
Natural Gas & Pipeline Co. of America	4 Samples
Prairie View RDF	10 Samples
Tank Cleaning Solutions, LLC	14 Samples

Volumes Received for August 2023 for trucked-in industries.

Gilster-Mary Lee Corporation	30,000 gals	5 loads
Hoffman Transportation, LLC	155,000 gals	31 loads
Liberty Landfill, LLC	721,041 gals	108 loads
Livingston Landfill	137,550 gals	21 loads
Natural Gas & Pipeline Co. of America	30,000 gals	6 loads
Prairie View RDF	146,673 gals	22 loads
Tank Cleaning Solutions, LLC	209,480 gals	40 loads
Verdant Specialty Solutions US LLC	0 gals	0 loads
Totals:	1,429,744 gals	233 loads

The KRMA Facility received a total of **220 loads** of septage which totalled **685,100 gallons** for the month of August 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	-	157319	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	725,435	33	\$ 47,234	\$ 1,431	-	182,334	543,101	916	\$ 0.0651	331,400	33	\$ 3,003	10,042	91
JULY	608,823	31	\$ 49,423	\$ 1,594	-	32,938	575,885	818	\$ 0.0812	366,700	28	\$ 3,242	13,096	116
AUGUST	593,240	29	\$ 49,978	\$ 1,723	-	-	593,240	852	\$ 0.0842	436,400	34	\$ 3,715	12,835	109
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	5,878,533	245	\$ 319,361	#DIV/0!	0	1,123,689	4,754,844	#DIV/0!	#DIV/0!	2,548,100	244	\$ 22,819	#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	12,325	30	\$ 8,403	411	\$ 280
JULY	10,205	30	\$ 2,203	340	\$ 73
AUGUST	9,381	31	\$ 6,460	303	\$ 208
SEPTEMBER				#DIV/0!	#DIV/0!
OCTOBER				#DIV/0!	#DIV/0!
NOVEMBER				#DIV/0!	#DIV/0!
DECEMBER				#DIV/0!	#DIV/0!
TOTAL	200,724	245	\$ 135,302	#DIV/0!	#DIV/0!
	Therms	Days	Total Cost \$/Billing Period	Therms/Day	Total Cost \$/day



Annual Load / Gallon Totals

2023

Month Received	Gilster-Mary Lee Corporation	Hoffman Transportation, LLC	Kankakee Recycling & Disposal Facility	Lake County C&D Landfill	Laraway Recycling & Disposal Facility	Liberty & 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	Zutal Feed Solutions	Total	# Loads
January	40,000	150,000	21,000				1,153,315	200,588		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	68,587		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			487,654	209,480			2,427,161	390
June		160,000	21,000		5,647		874,891	139,778		5,000	179,468			366,123	193,769			1,945,874	316
July	6,000	130,000	7,000				696,445	129,270		55,000				174,189	204,243			1,482,147	238
August	30,000	155,000					721,041	137,550		30,000				146,673	209,480			1,429,744	233
September																			
October																			
November																			
December																			
Totals	182,000	1,213,000	360,000		221,045		7,325,535	1,247,192		420,000	2,632,541			2,119,926	1,623,683	99,528	24,000	17,458,349	2,840
Average	26,000	151,825	50,000		55,261		915,692	155,899		52,500	438,757			264,991	202,948	49,764	24,000	2,182,294	355
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		



**Monthly TSS/BOD
Loading Report**
August, 2023

IV-C-2
1600 West Brookmont Blvd.
Kankakee, IL 60901
Phone: 815-933-0444
Fax: 815-933-0104

Hauler	Gallons	Lbs TSS	Lbs BOD
Gilster-Mary Lee Corporation	30,000	2,964	2,005
Hoffman Transportation, LLC	155,000	83	1,986
Kankakee Recycling & Disposal Facility	0	0	0
Lake County C&D Landfill	0	0	0
Laraway Recycling & Disposal Facility	0	0	0
Liberty 3 LFGTE Plant - Wabash Valley Pov0		0	0
Liberty Landfill, LLC	721,041	725	11,994
Livingston Landfill	137,550	914	4,835
Momence Packing	0	0	0
Momence Packing Company	0	0	0
Natural Gas & Pipeline Co. of America	30,000	11	26
Newton County Landfill	0	0	0
Peoria Packing Co.	0	0	0
Prairie View - Will County RNG Plant	0	0	0
Prairie View RDF	146,673	217	1,421
Tank Cleaning Solutions, LLC	209,480	181	2,265
Verdant Specialty Solutions US LLC	0	0	0
Zutat Feed Solutions	0	0	0
Totals:	1,429,744	5,096	24,532

Flows
 KRMA Treatment Facility
 August, 2023

Date	PRECIPITA INCHES	PLANT MGD	Kankakee MGD	BOURB. MGD	BradleyFlow MGD	AromaPark MGD
8/1/2023	.00	9.28	5.93	2.39	.93	.03
8/2/2023	.00	9.50	6.21	2.37	.89	.03
8/3/2023	.00	9.60	6.31	2.40	.86	.03
8/4/2023	.00	9.50	6.24	2.35	.87	.04
8/5/2023	.00	17.53	10.89	4.25	2.34	.04
8/6/2023	2.60	19.15	10.86	5.57	2.68	.04
8/7/2023	.00	17.68	12.24	3.41	1.99	.04
8/8/2023	.00	14.72	10.05	3.02	1.62	.03
8/9/2023	.00	13.54	9.26	2.86	1.40	.03
8/10/2023	.00	12.16	8.19	2.75	1.19	.03
8/11/2023	.07	11.90	7.79	2.81	1.27	.03
8/12/2023	.00	11.85	8.11	2.68	1.02	.03
8/13/2023	.00	11.03	7.42	2.63	.95	.03
8/14/2023	.55	10.44	6.77	2.61	1.03	.03
8/15/2023	.00	11.13	7.37	2.71	1.03	.03
8/16/2023	.00	11.00	7.33	2.53	1.11	.03
8/17/2023	.18	10.59	6.96	2.54	1.05	.03
8/18/2023	.00	10.67	7.17	2.44	1.04	.03
8/19/2023	.00	10.06	6.63	2.39	1.02	.03
8/20/2023	.00	9.95	6.41	2.40	1.11	.03
8/21/2023	.00	9.60	6.10	2.37	1.10	.03
8/22/2023	.00	9.79	6.34	2.36	1.06	.03
8/23/2023	.00	9.89	6.41	2.40	1.06	.03
8/24/2023	.00	9.76	6.35	2.34	1.05	.03
8/25/2023	.00	9.86	6.58	2.28	.97	.03
8/26/2023	.00	9.45	6.20	2.29	.93	.03
8/27/2023	.00	9.13	5.81	2.37	.91	.03
8/28/2023	.00	9.18	5.86	2.34	.95	.03
8/29/2023	.00	8.86	5.60	2.31	.93	.03
8/30/2023	.00	9.07	5.85	2.28	.91	.03
8/31/2023	.00	9.16	5.98	2.25	.90	.03
Total	3.40	345.02	225.22	82.66	36.17	.97
Average	.11	11.13	7.27	2.67	1.17	.03
Minimum	.00	8.86	5.60	2.25	.86	.03
Maximum	2.60	19.15	12.24	5.57	2.68	.04
# of data	31.00	31.00	31.00	31.00	31.00	31.00