

AGENDA

KANKAKEE RIVER METROPOLITAN AGENCY MEETING
Thursday, March 28, 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. February 22, 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. Hauled in Waste Report
3. Flows Graphs

D. Communications

1. Travelers Insurance
2. IAWA (Illinois American Wastewater Association)
3. Solar Panels

V. Old Business

- A. Update on Engineering for Phase 1, Phase 2, Phase 3
B. Draft Budget for Fiscal Year Ending April 30, 2025
C. Employee Grievance

VI. New Business

- A. Proposed contract increase for Champion Energy: Electric Bill

VII. Executive Session

- A. Personnel & Probable or Imminent Litigation

VIII. Next Meeting

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

KANKAKEE RIVER METROPOLITAN AGENCY

MINUTES

February 22, 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
Financial Director Robert Romo, Village of Bradley
Alderman Danita Swanson, City of Kankakee
Steven Hunter, Representative, City of Kankakee
Alderman David Crawford, 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
Melanie Gossett, Director of Technical Services

Other:

Dan Small, Strand Associates
Terry Memenga, Alternate, Village of Bourbonnais
Zachary Newton, Utility Superintendent, City of Kankakee
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, except for Dir Brian Stump, Dir Robert Romo, Dir Larry Osenga absent. Alternate Alderman David Crawford, City of Kankakee, sitting in for Director Larry Osenga for deciding vote.

II. Public Comment

None

III.

Approval of Board Minutes January 12, 2024 Special Meeting and January 25, 2024 – Regular Board Meeting
Motion to approve the January 12, 2024, Special Meeting and January 25, 2024, Regular Board Meeting minutes was made by: Dir Hunter and seconded by Vice Chairman Schore. All board members were present, and Alternate David Crawford voted in favor of, Dir Brian Stump, Dir Robert Romo, and Dir Larry Osenga absent. Motion Carried.

IV. Reports

A. Operations & Maintenance Report

Monthly Report

Art informed the board that KRMA completed and turned in its annual reports for biosolids, OSHA, and non-hazards waste. Art also informed the board that we had five inches of rain this month averaging 23mgd (million gallons) of flow. The rain did not push us into any violations, however, we had to make some changes. Chairman Curtis asked did the snow melting have anything to do with those five inches of rain. Art replied, yes, stating the rain affects the flow which can cause an increase change in BOD and TSS.

Director Robert Romo joined the meeting.

Safety grant money is being utilized for plant. Dir Hunter asked do we calculate loss of time for man hours for accidents. Art replied yes, and Melanie added we only had one lost time accident this year and it was very minimal. Dir Romo asked, how much daily pounds of NH3 and BOD do we receive, because it shows a spike? Art replied, sometimes the rain affects those numbers.

B. Executive Director Report

1. Water, Gas & Electric Use/Cost

Exec. Dir. Dave Tyson presented yearly utility usage. Exec Dir Tyson stated it's in line with last year's except for the increase prices in electricity. Dustin added, per our electric bill we are being charged for an over credit we received last year, therefore, that is why the electric bill seems higher. Exec Dir Tyson also added that the water bill is comparable to last year's. There's nothing out of line for utility this month. Chairman Curtis asked, do we expect to be a normal trend with electric moving forward. Dustin stated it has to do with the new green energy. However, it should eventually even itself out.

2. Hauled In Waste Summary

Exec. Dir. Tyson stated there was an increase in hauled in waste this month due to the increase in Liberty Landfill, it's not affecting the plant, therefore, it's good revenue. Vice Chairman Schore where is Liberty located? Melanie replied, in Monticello, IN. Chairman Curtis asked are we comfortable with Liberty loadings? Art replied, yes, they don't affect the plant too much.

3. Operations Report

Exec Dir Dave Tyson informed the board members at Melanie's Safety Meeting, the City of Kankakee Police Department came in and did an active shooting training. Exec Dir Tyson reminded the board that CMOM's is due this month or next month.

C. Financial Report

1. Reports

Karen presented the financial statements, reference the net position has a strong cash position, however, compared to last years it is lower due to hauled in waste revenue decreased. The Statement of Revenue and Expense, hauled in waste, is still slightly above the budget amount. Also, the change in net position is above the budget amount, which is due to some time difference with billing. We are on track with the budget.

2. Hauled In Waste Report

None

3. Flows Graphs

Karen presented the flows report. Stated there are some percentage points that will need adjusting. Kankakee was budgeted at 64.25 however their actual thus far is 61.8. They are coming in less to where we had estimated and Bradley and Bourbonnais are coming in above their budgeted flow.

D. Communications

None

V. Old Business

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

Dan Small from Strand Associates stated Phase 1 is in progress and should be done towards the end of the year. Phase 2 and Phase 3 will not get started until September.

VI. New Business

A. Vote on whether to uphold Employee Grievance Decision

Motion to uphold the Employee Grievance that was made by Executive Director on January 23, 2024, was made by Dir Hunter, and seconded by Vice Chairman Schore. All board members were present, and Alternate David Crawford voted in favor of Dir Brian Stump and Dir Larry Osenga absent. Motion Carried.

B. Draft Budget for Fiscal Year Ending April 30, 2025

Karen presented a rough draft of the draft budget for fiscal year ending on April 30, 2024 without any discussion with KRMA management. This is just to give the municipalities a feel for what on the 2025 projective budget, with the set-a-side at 20%, and a decrease in the hauled in waste revenue will look like. There were questions for Karen regarding the budget, loans, and debt service, and for Dan regarding the timeline of the Project Plan questions were and 3. Those questions were addressed.

C. **Authorizing Executive Director to enter into negotiation with Union Representative Regarding Section 5 Step 3 on the Collective Bargaining Agreement**

Exec Dir Tyson would like to change the wording in Section 5 Step 3 of the Collective Bargaining Agreement regarding filing a grievance. I would like to change: the board has to respond within 14 days. This does not work with our board meetings. The board agreed to allow Exec Dir Tyson to address the issue.

D. **Local 399 Health & Welfare Management Rate Increase**

Exec Dir Tyson informed the board members that Management Health & Welfare has an increase of 6%. Motion to agree to the increase of the Health & Welfare Insurance for Management effective June 1, 2024, was made by Dir Swanson and seconded by Dir Hunter. All board members were present, and Alternate David Crawford voted in favor of, Dir Brian Stump and Dir Larry Osenga absent. Motion Carried.

VII. **Executive Session**

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

Motion to go into Executive Session to discuss Personnel issue under ILCS 2(c)(1) was made by Dir Hunter and seconded by Vice Chairman Schore. Motion carried.

Roll call was taken and all board members were present and Alternate David Crawford sitting in for Director Osenga, except Dir Brian Stump and Dir Larry Osenga absent.

The Board went into Executive Session.

Motion to exit Executive Session was made by Dir. Hunter and seconded by Dir Swanson. Motion carried.

Roll call was taken and all board members were present and Alternate David Crawford sitting in for Dir Osenga, except Dir Brian Stump and Dir Larry Osenga absent.

Return to Open Session.

Roll call was taken and all board members were present and Alternate David Crawford sitting in for Dir Osenga, except Dir Brian Stump and Dir Larry Osenga absent.

With the Board back in open session there was one action taken.

VIII. **Next Meeting**

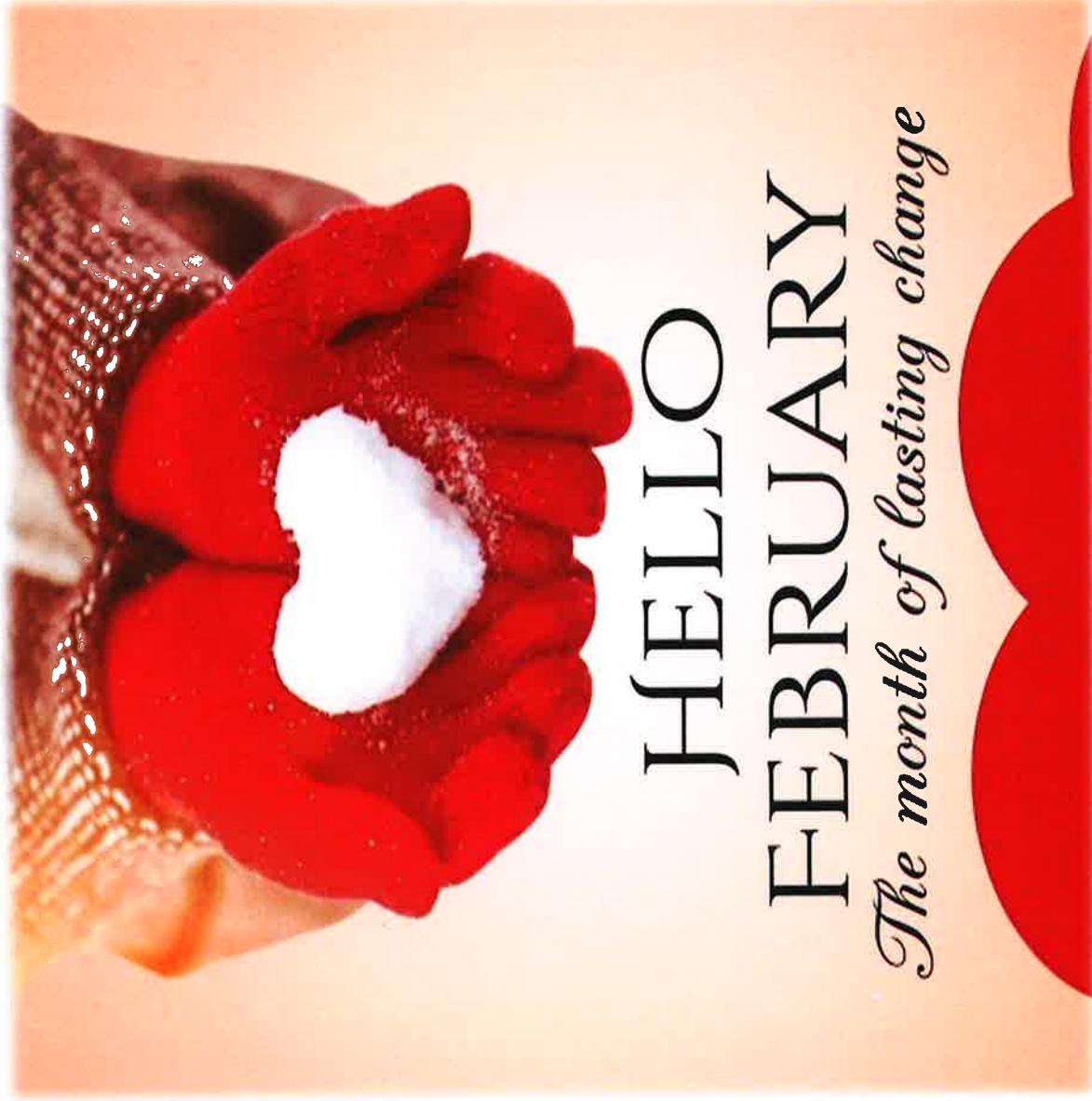
Next Regular Board Meeting- **Thursday, March 28, 2024 (9:00 A.M. at KRMA Board Room)**

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



Kankakee River Metropolitan Agency

Providing Wastewater Treatment to the Kankakee River Valley



HELLO
FEBRUARY
The month of lasting change

Monthly Operations Report

February 2024

KRMA'S FEBRUARY HIGHLIGHTS:

KRMA safety training for the month of February, Active Shooter Preparedness training; Presented by Kankakee Police department under the direction of Administrative Sergeant Timothy Klopp.

Dan Small a long-time wastewater design engineer for the Kankakee River Metropolitan Agency (KRMA), will be joining the Illinois Water Environmental Association Board as 2nd Vice President.

The O&M specialists continue to maintain equipment as needed.

The month of February, the Agency had violation of effluent TSS 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)	457.45	305.62	102.071	48.260	1.500
Daily Average Flow (MGD)	15.77	10.54	3.520	1.664	0.052

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	6 mg/l
Total Suspended Solids (TSS) - Monthly Average	25 mg/l	26 mg/l
PH	6-9 SU	7.02 SU
Chlorine Residual	0.05 mg/l	n/a
Fecal Coliform	400/100 ml	n/a

ODOR ISSUES:

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

4.0 PERSONNEL

The Agency would like to Congratulate Nicholas Tucker, O&M Specialist, on 4 years as a KRMA employee. Thank you all for being such a valuable and loyal member of our team. Your knowledge, hard work and dedication is greatly appreciated.

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

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: 1059
Hours of Scheduled Work Orders Performed: 599.03

6.0 SLUDGE HANDLING

Start Date: 02/01/2024
End Date: 02/29/2024
Gallons of sludge produced and sent to thickening: 2,724,982.00
Gallons of sludge put into storage after thickening: 955,800.00
Sludge removed from the plant for land application: 1,392,000.00
Sludge remaining in storage: 2,900,000.00

7.0 WATER USAGE

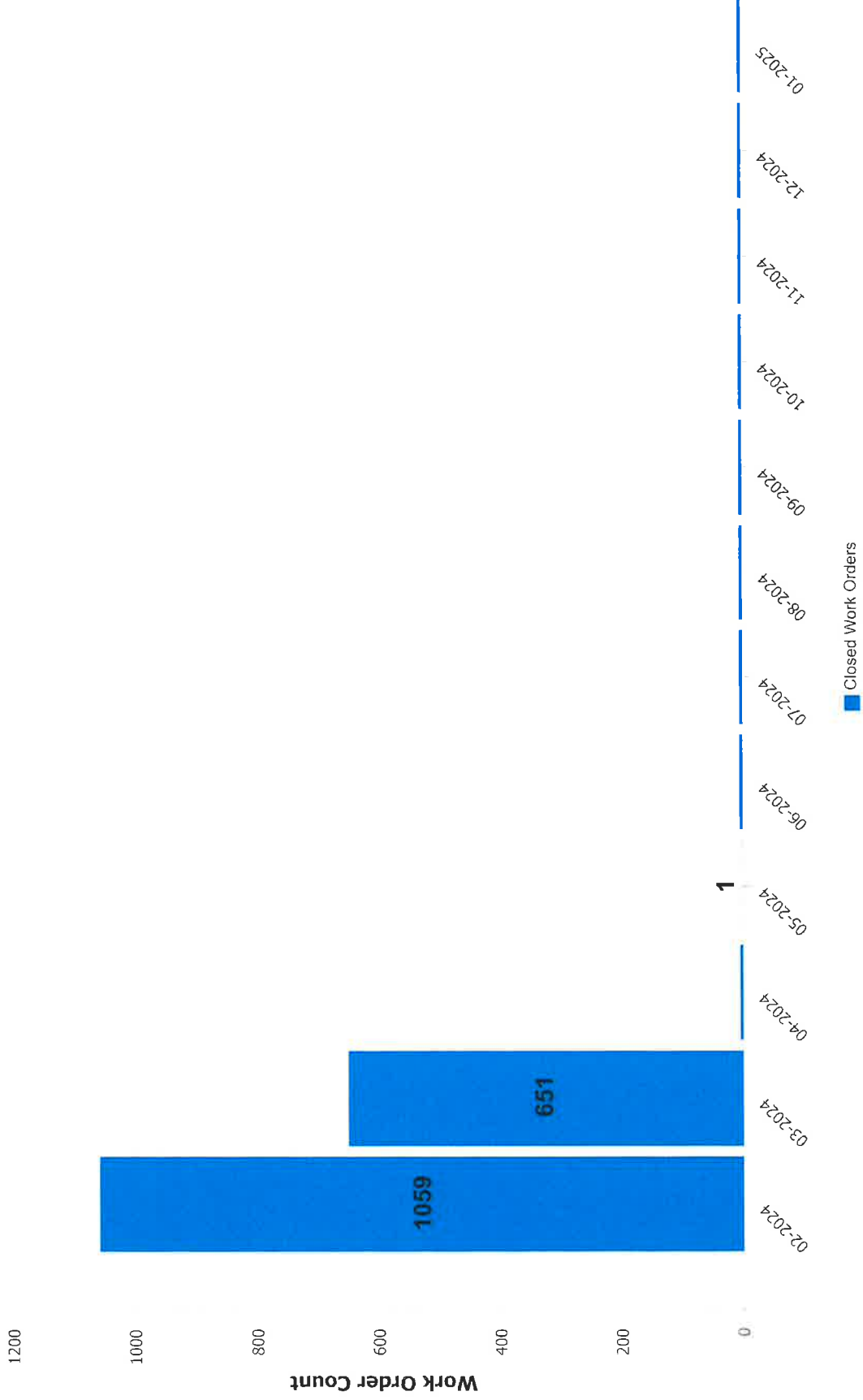
FEBRUARY 2024 (28 DAYS): 35,760 CU FT= 267,500 GALS. = \$2423.36
NUMBER OF DAYS IN THE BILLING CYCLE: 28



Work Orders Closed By Month

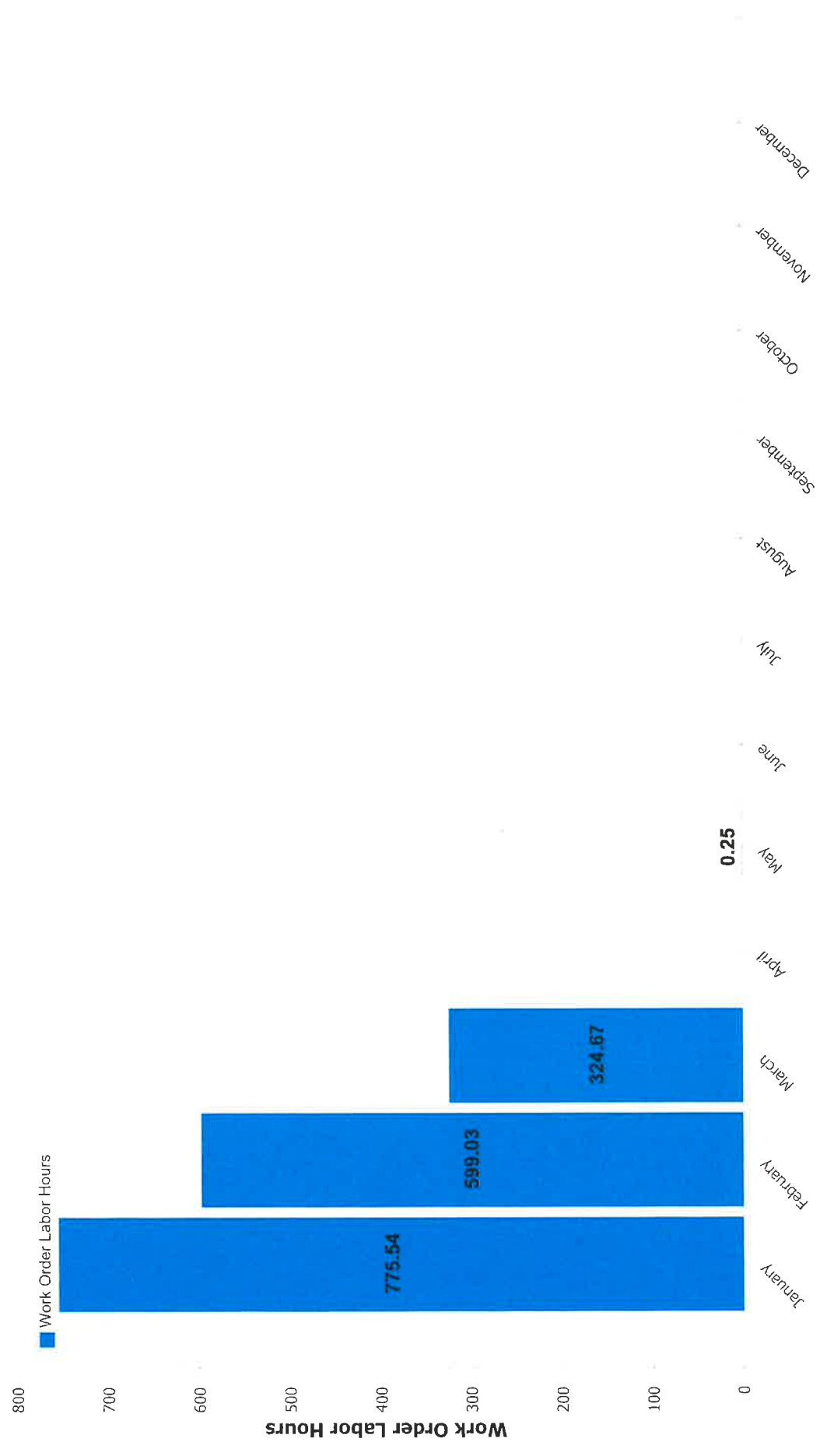
From February, 2024 to January, 2025

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



Work Order Labor Hours by Month

2024



KANKAKEE RIVER METRO AGENCY Wastewater Report, February 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	
Population Served	56,317
NPDES	IL0021784
zipcode	60901
IL Covid Region	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.

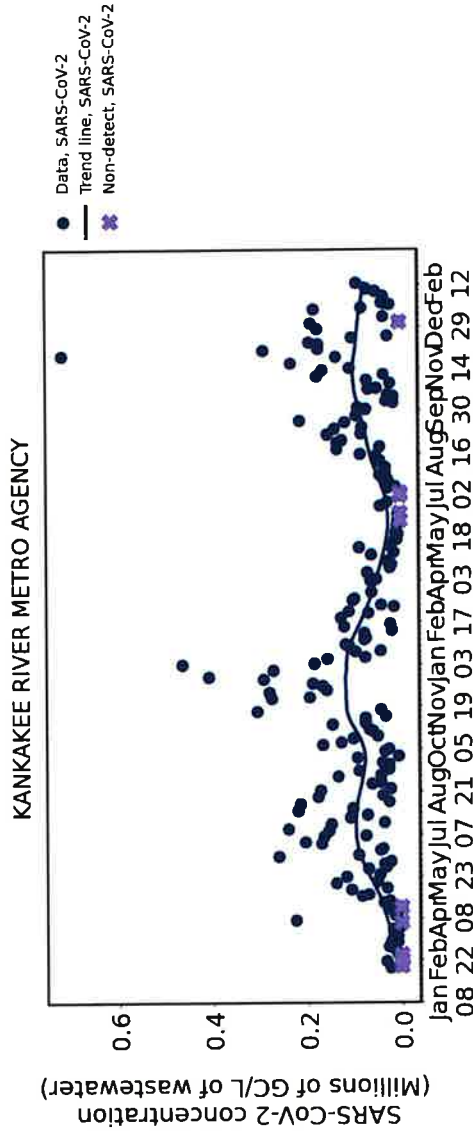


Figure 1. Time series plot of SARS-CoV-2 viral concentrations in millions of gene copies per liter (GC/L) of wastewater.

SARS-CoV-2 SAMPLING RESULTS - LAST 8 SAMPLES

Date	SARS-CoV-2 (GC/L)
2024-02-14	92,775
2024-02-08	71,550
2024-02-05	52,725
2024-01-31	36,975
2024-01-24	40,350



DISCOVERY PARTNERS INSTITUTE
PART OF THE UNIVERSITY OF ILLINOIS SYSTEM

2024-01-23	33,600
2024-01-22	22,575
2024-01-19	82,650

SARS-CoV-2 LINEAGES IN WASTEWATER

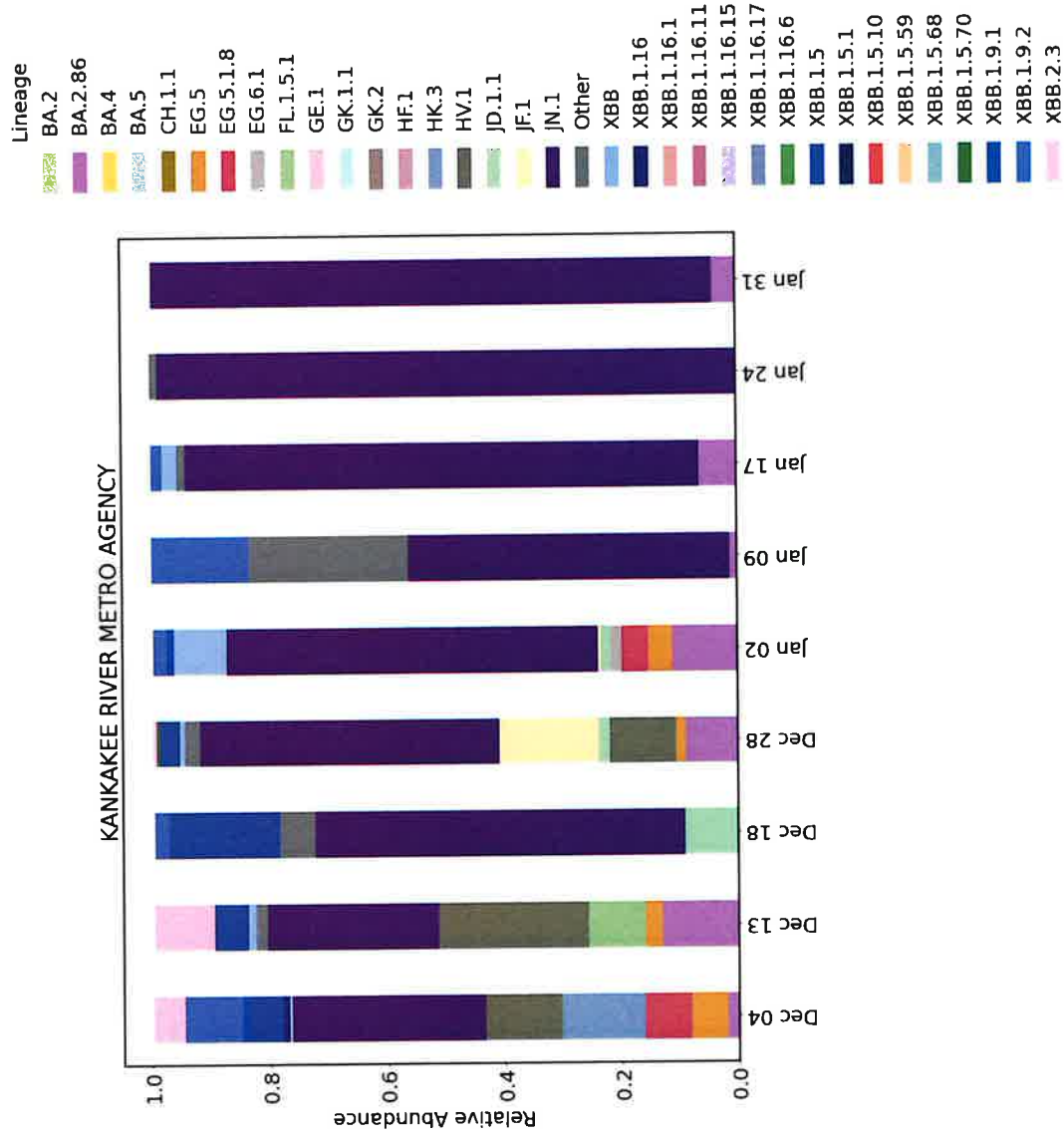


Figure 2. Stacked barplot showing the relative abundances of SARS-CoV-2 lineages in wastewater samples. All lineages in the legend, excluding "Other," are associated with Omicron. The most recently available two months worth of data are shown.

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.

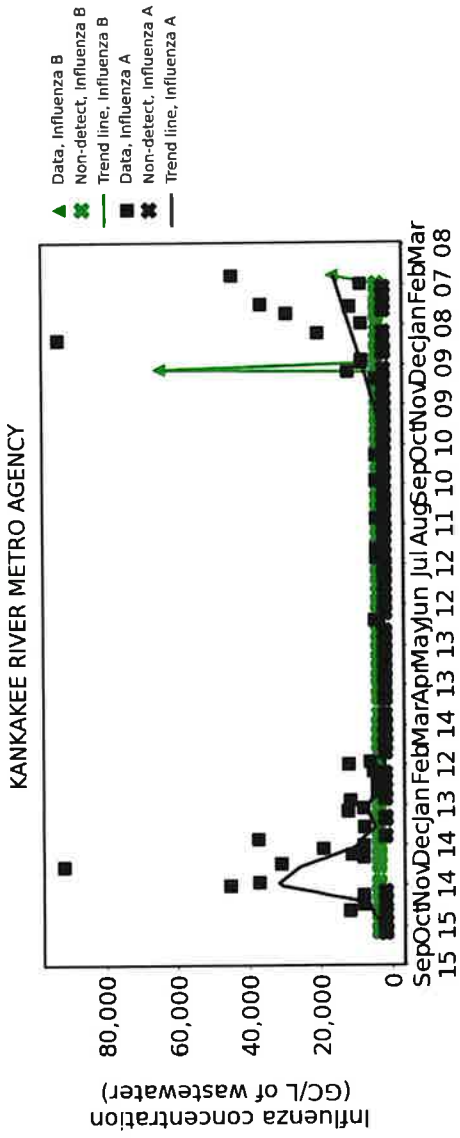


Figure 3. Time series plot of Influenza A/B viral concentrations in gene copies per liter (GC/L) of wastewater.

INFLUENZA A/B SAMPLING RESULTS - LAST 8 SAMPLES

Date	Influenza A (GC/L)	Influenza B (GC/L)
2024-02-14	44,325	16,125
2024-02-08	8,400	Non-detect
2024-02-05	Non-detect	Non-detect
2024-01-31	Non-detect	Non-detect
2024-01-24	36,300	Non-detect
2024-01-23	Non-detect	Non-detect
2024-01-22	11,325	Non-detect
2024-01-19	Non-detect	Non-detect

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.

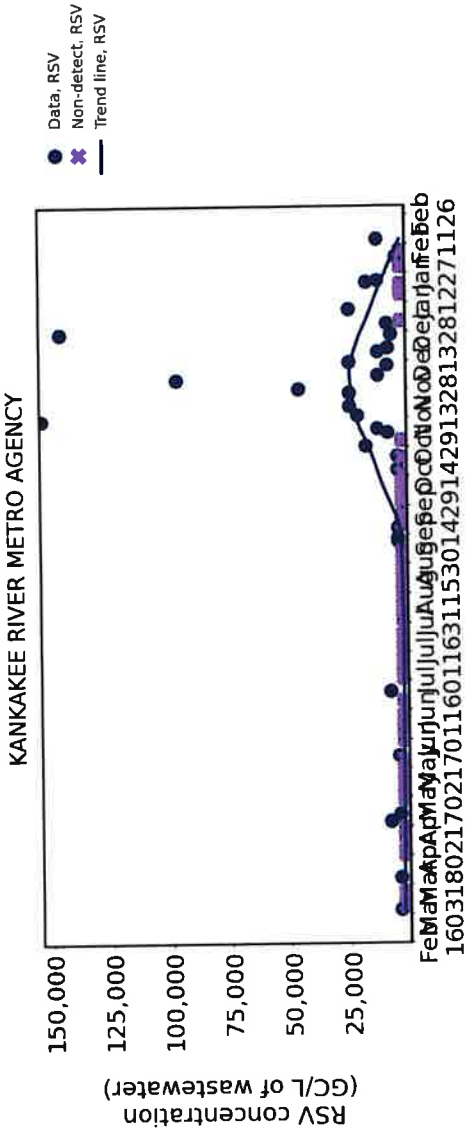


Figure 4. Time series plot of RSV viral concentrations in gene copies per liter (GC/L) of wastewater.

RSV SAMPLING RESULTS - LAST 8 SAMPLES

Date	RSV (GC/L)
2024-02-14	12,075
2024-02-08	Non-detect
2024-02-05	4,050
2024-01-31	Non-detect
2024-01-24	12,075
2024-01-23	16,800
2024-01-22	Non-detect
2024-01-19	Non-detect

ATTACHMENT

A

DMR Monthly Report

2/1/2024 to 2/29/2024

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
2/1/2024	25.885	6.89	20		4,318		5		1,079
2/2/2024	23.858	6.77	11		2,189				
2/3/2024	21.027		20	17	3,507	4,082	8	6	1,403
2/4/2024	19.840		18		2,978		6		993
2/5/2024	18.238	7.08	19		2,890		5		761
2/6/2024	17.885	7.05	30		4,475		8		1,193
2/7/2024	17.134	7.04	43		6,145		7		1,000
2/8/2024	16.739	7.01	29		4,048		6		838
2/9/2024	16.380	7.02	27		3,688				
2/10/2024	15.886		34	29	4,505	4,104	8	7	1,060
2/11/2024	15.208		24		3,044		6		761
2/12/2024	14.725	7.03	20		2,456		7		860
2/13/2024	14.845	7.01	19		2,352		7		867
2/14/2024	14.643	7.02	21		2,565		5		611
2/15/2024	14.097	6.98	19		2,234		6		705
2/16/2024	14.211	7.15	19		2,252				
2/17/2024	13.928		29	22	3,369	2,610	6	6	697
2/18/2024	13.835		21		2,423		5		577
2/19/2024	13.427	7.12	24		2,688		7		784
2/20/2024	13.536	7.11	32		3,612		7		790
2/21/2024	13.319	7.12	38		4,221		8		889
2/22/2024	14.684	6.65	42		5,144		8		980
2/23/2024	15.004	7.30	24		3,003				
2/24/2024	13.726		29	30	3,320	3,487	8	7	916
2/25/2024	13.362		23		2,563		5		557
2/26/2024	13.281	6.91	21		2,326		5		554
2/27/2024	12.943	7.02	28		3,022		7		756
2/28/2024	13.250	6.94	22		2,431		5		553
2/29/2024	12.557	7.14	37		3,875		7		733

Minimum	12.557	6.65	11	17	2,189	2,610	5	6	553
Maximum	25.885	7.30	43	30	6,145	4,104	8	7	1,403
Average	15.774	7.02	26	25	3,298	3,571	6	7	837
Sum	457.453	147.36	743	97	95,643	14,283	162	26	20,914

Limit		Range 6-9	25	45	9383	16869	20	40	7506
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DMR Monthly Report

2/1/2024 to 2/29/2024

Var #	352	187	191	401	101	450	115	451	455
	WeeklyAV eEffCBOD	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	%
2/1/2024				25.89	111	23,963	66	14,248	95
2/2/2024				23.86			66	13,132	
2/3/2024	1,336			21.03	146	25,603	128	22,447	95
2/4/2024				19.84	122	20,187	190	31,438	95
2/5/2024				18.24	141	21,447	160	24,337	96
2/6/2024				17.89	124	18,496	46	6,861	94
2/7/2024				17.13	104	14,861	76	10,860	93
2/8/2024				16.74	159	22,197	274	38,251	96
2/9/2024				16.38			180	24,590	
2/10/2024	974			15.89	178	23,583	240	31,797	96
2/11/2024				15.21	158	20,040	180	22,830	96
2/12/2024				14.73	156	19,158	96	11,789	96
2/13/2024				14.85	222	27,485	124	15,352	97
2/14/2024				14.64	192	23,448	122	14,899	97
2/15/2024				14.10	261	30,686	124	14,579	98
2/16/2024				14.21			186	22,045	
2/17/2024	750			13.93	106	12,313	184	21,373	94
2/18/2024				13.84	84	9,692	124	14,308	94
2/19/2024				13.43	286	32,027	468	52,407	98
2/20/2024				13.54	271	30,593	622	70,218	97
2/21/2024				13.32	304	33,768	720	79,978	97
2/22/2024				14.68	148	18,125	402	49,231	95
2/23/2024				15.00			300	37,540	
2/24/2024	823			13.73	210	24,040	346	39,608	96
2/25/2024				13.36	143	15,936	171	19,056	97
2/26/2024				13.28	173	19,162	200	22,153	97
2/27/2024				12.94	203	21,913	202	21,805	97
2/28/2024				13.25	176	19,449	270	29,836	97
2/29/2024				12.56	231	24,192	188	19,688	97

Minimum	750			12.56	84	9,692	46	6,861	93
Maximum	1,336			25.89	304	33,768	720	79,978	98
Average	971			15.78	176	22,095	223	27,471	96
Sum	3,882			457.45	4,409	552,362	6,455	796,658	2,400

Limit	15012	0.05	400						
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DMR Monthly Report

2/1/2024 to 2/29/2024

Var #	456	1040	1041	1042	1043	255	297	953	1023
	TSS REMOVAL %	North Effluent DO - SCADA mg/l	South Effluent DO - SCADA mg/l	Daily Average Effluent DO mg/l	Effluent DO weekly average mg/l	FINAL EFF NH3N mg/L	Eff Nitrogen # #/day	Eff_Total Phosphorus-TP(TNT) mg/l	Effluent Total Nitrogen mg/l
2/1/2024	70	7.24	8.70	7.97		1.23	265.53	0.12	
2/2/2024	83	7.43	9.11	8.27					
2/3/2024	84	7.00	9.25	8.13	7.59				
2/4/2024	91	7.27	9.72	8.50		0.16	25.98	0.40	
2/5/2024	88	7.68	9.76	8.72		2.74	416.77	1.77	
2/6/2024	35	6.79	9.51	8.15		0.87	129.32	1.57	
2/7/2024	43	7.19	9.65	8.42		1.16	165.76	0.79	
2/8/2024	89	7.25	9.32	8.29		0.16	22.20	1.09	10.56
2/9/2024	85	7.19	9.18	8.19					
2/10/2024	86	7.76	9.38	8.57	8.40				
2/11/2024	87	8.54	9.71	9.13		0.05	6.34	0.34	
2/12/2024	79	8.40	9.68	9.04		1.49	182.98	0.62	16.34
2/13/2024	85	8.29	9.57	8.93		0.05	6.19	0.60	
2/14/2024	83	8.33	9.57	8.95		0.05	6.11	0.41	
2/15/2024	85	8.20	9.44	8.82		0.05	5.88	1.10	
2/16/2024	90	8.12	9.44	8.78					
2/17/2024	84	7.85	9.48	8.67	8.90				
2/18/2024	83	8.62	9.80	9.21		0.05	5.77	0.29	
2/19/2024	95	8.57	9.80	9.19		0.73	81.97	0.40	12.82
2/20/2024	95	8.08	9.40	8.74		0.06	6.54	0.70	
2/21/2024	95	8.02	9.34	8.68		0.66	73.54	0.47	
2/22/2024	90	7.85	9.13	8.49		0.05	6.12	0.27	
2/23/2024	92	7.88	9.24	8.56					
2/24/2024	92	7.16	9.45	8.31	8.74				
2/25/2024	87	8.55	9.52	9.04		0.21	23.51	0.39	
2/26/2024	90	8.39	9.59	8.99		0.10	11.19	0.39	
2/27/2024	86	7.86	9.17	8.52		0.65	70.38	0.56	
2/28/2024	92	8.10	9.33	8.72		0.14	15.47	0.46	
2/29/2024	80	8.42	9.64	9.03		0.25	26.08	0.82	12.02

Minimum	35	6.79	8.70	7.97	7.59	0.05	5.77	0.12	10.56
Maximum	95	8.62	9.80	9.21	8.90	2.74	416.77	1.77	16.34
Average		7.86	9.44	8.66	8.41	0.52	73.98	0.65	12.94
Sum	2,422	228.03	273.88	250.96	33.63	10.91	1,553.62	13.57	51.74

Limit									
				min >4.0	>4.5	7.5	2815		
				avg >6.0					

DMR Monthly Report

2/1/2024 to 2/29/2024

Var #	Date
	2/1/2024
	2/2/2024
	2/3/2024
	2/4/2024
	2/5/2024
	2/6/2024
	2/7/2024
	2/8/2024
	2/9/2024
	2/10/2024
	2/11/2024
	2/12/2024
	2/13/2024
	2/14/2024
	2/15/2024
	2/16/2024
	2/17/2024
	2/18/2024
	2/19/2024
	2/20/2024
	2/21/2024
	2/22/2024
	2/23/2024
	2/24/2024
	2/25/2024
	2/26/2024
	2/27/2024
	2/28/2024
	2/29/2024

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
col/100ml	mg/l		mg/L	mg/L	mg/l	mg/l

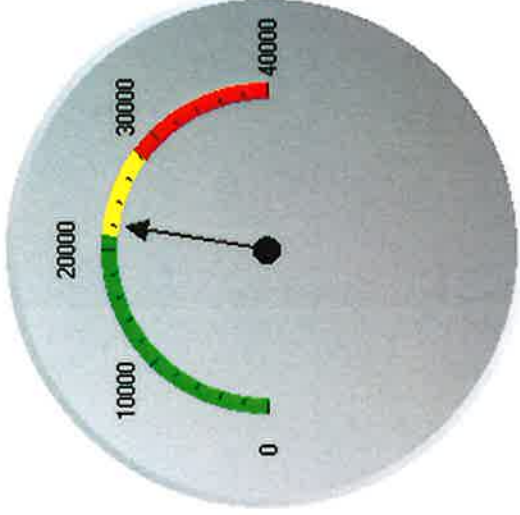
Minimum
Maximum
Average
Sum

400	0.75	Range 6-9		
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Influent BOD loading Lbs - Monthly AVG

22,094 Lbs./Day

02/01/2024 - 02/29/2024



Influent NH3 loading Lbs - Monthly AVG

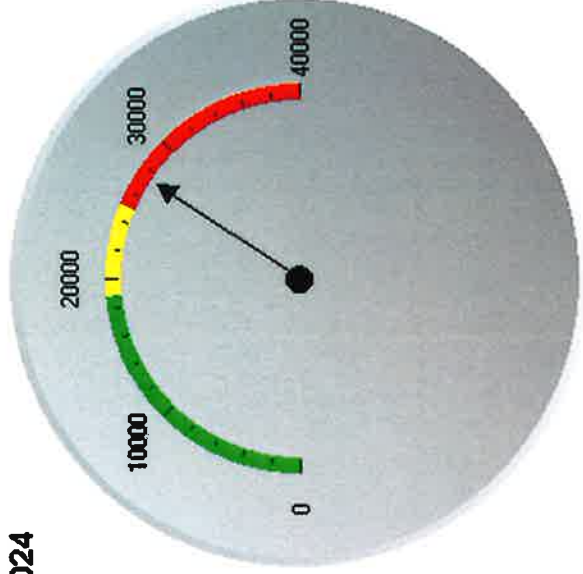
2,644 Lbs./Day

02/01/2024 - 02/29/2024



Influent TSS loading Lbs - Monthly AVG
02/01/2024 - 02/29/2024

27,471 Lbs./Day



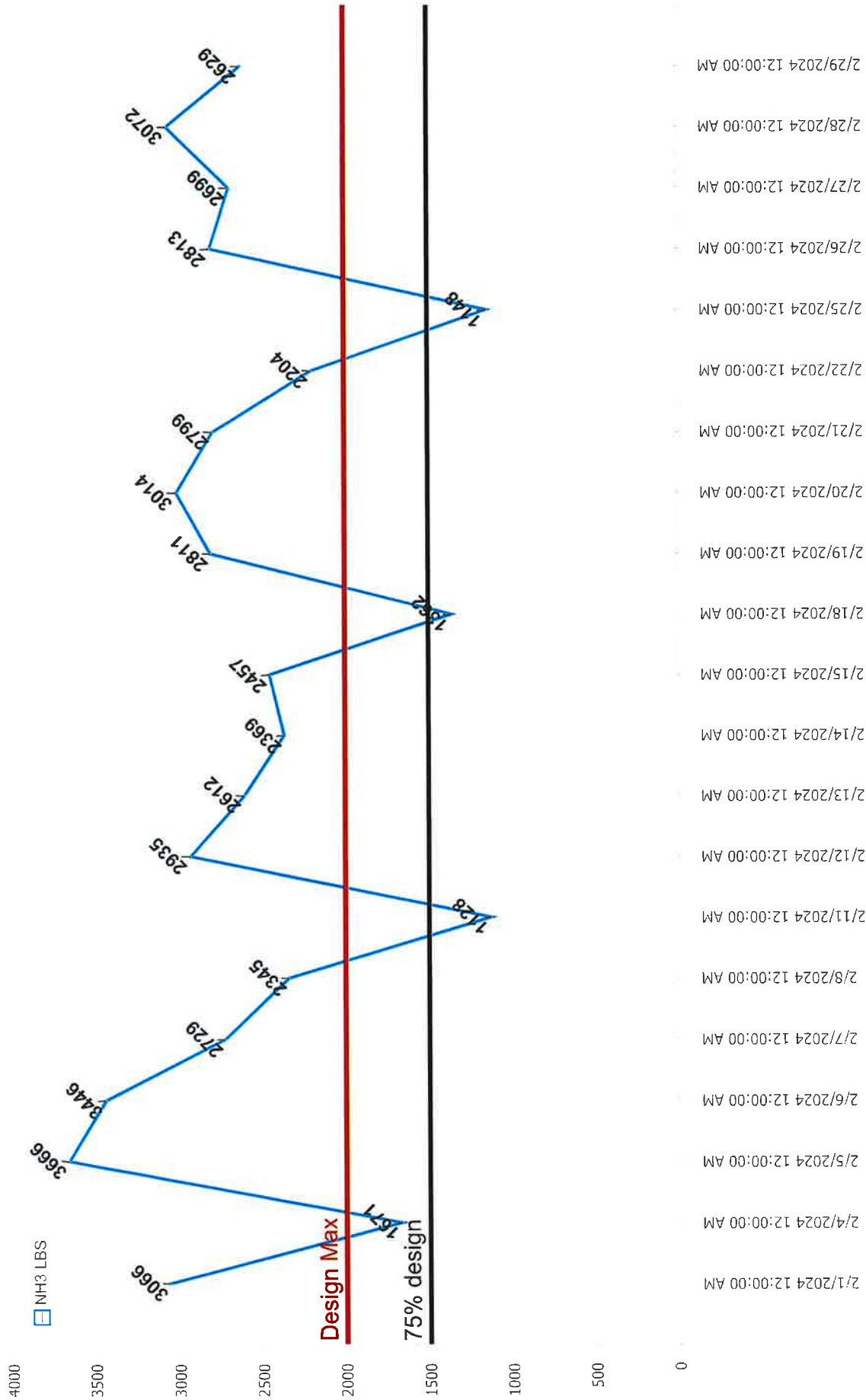
0 to 18900 - Target Loading

18900 to 25200 - Above 75% Threshold

Above 25200

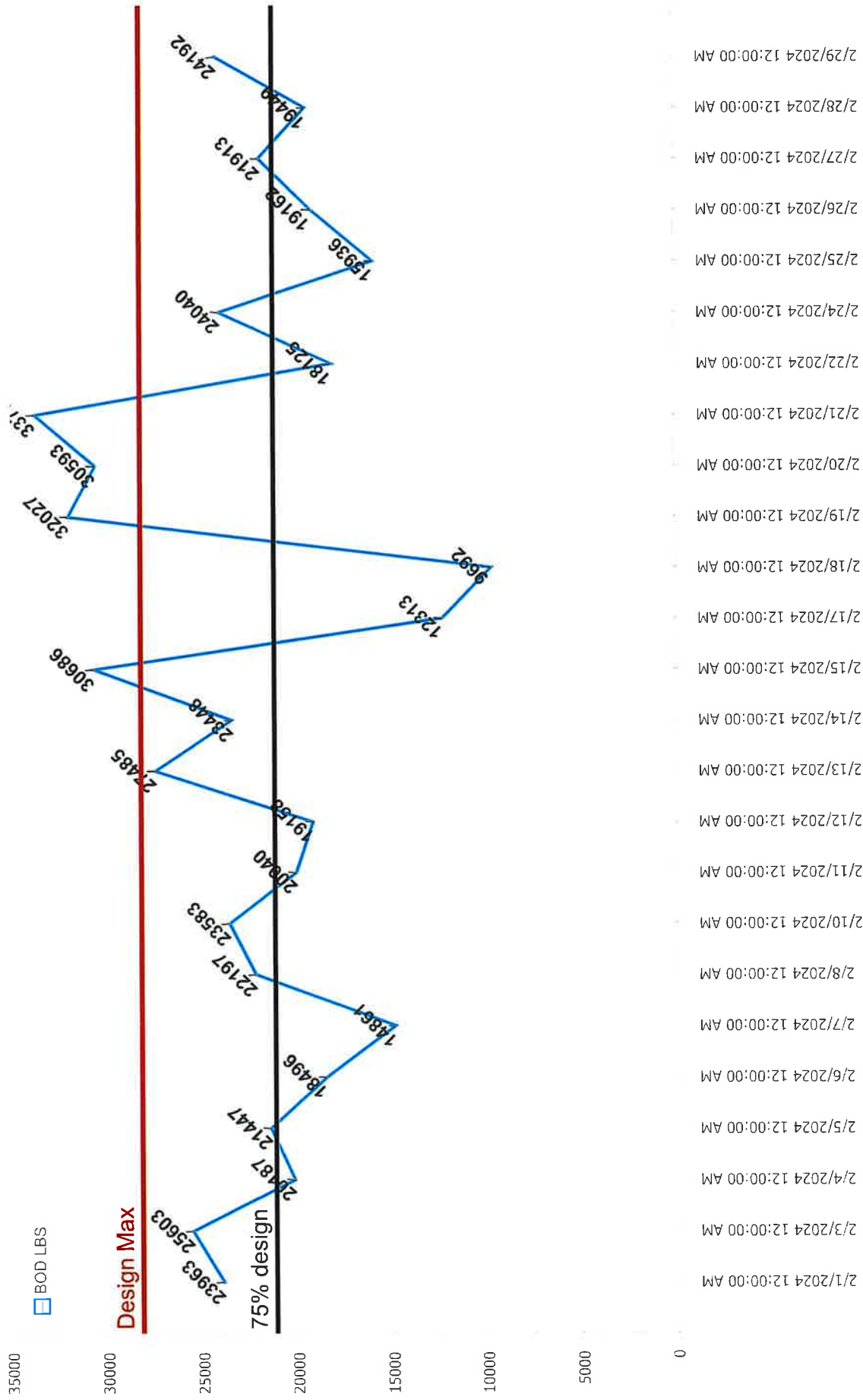
KRMA influent NH3 pounds

Average Lbs. NH3: 2,522.62



KRMA influent BOD pounds

Average Lbs. BOD: 22,094.56



ATTACHMENT

B

ATTACHMENT

C



SAFETY MEETING
March 7, 2024
9am & 1pm
Agenda

I. Safety Minutes

Review minutes from February 2024.

II. Old Business

1. There were no lost time accidents for the month of February 2024 as of February 27, 2024.
2. Speeding concern
3. Safety Grant

I. New Business

A. Safety Training

Chlorine and Sulfur Dioxide Safety training; Alexander Chemical Corporation

B. Safety Concerns

C. Safety Team Leader Report

Safety Team Leader responsibilities transferred from Ron Haney to Bryan Kennedy.

D. Open Discussion

Next Meeting: Tuesday, April 9, 2024 9:30am & 1:30pm



SAFETY MEETING

February 13, 2024

9:30am & 1:30pm

Minutes

In attendance:

9:30am session:

Melanie Gossett, Facilitator; K3 Police Officers, Klopp, Suprenaut and Brooks

Shaun Ownbey	Dan Combs	Nick Scheppler	Nick Tucker
Alex Bowser	RJ Tyson	Rob Forsman	Michelle Howard

1:30pm session:

Melanie Gossett, Facilitator; K3 Police Officers, Klopp, Suprenaut and Brooks

Jack Renchen	Ron Haney	Jim Churney	Josh Peters
John Lund	Max Gossett	Mike Arseneau	Tawonda Brown
Ryan McGinnis	Ben Smith		

Absent:

Shawn Malone, Bryan Kennedy

I. Safety Minutes

Minutes from January 2024 - Approved

II. Old Business

- A. There were no lost time accidents for the month of January 2024.
- B. Please remember to adhere to all speed limits when outside of the KRMA facility and use caution when driving within the plant.
- C. Safety Grant suggestions:
 - 1. Portable gas detectors
 - 2. High load ladders
 - 3. Bldg. #66 Barrel dolly
 - ✓ Permission granted to purchase dolly immediately

III. New Business

A. Safety Training

Active Shooter Preparedness training was presented by the Kankakee Police Department. Valuable information was presented in order for everyone to be prepared if they should ever be in an active shooter situation.

ATTACHMENT

D

FIELD CALIBRATION SHEET

COMPANY: KRMA

CITY: KANKAKEE

FLOW METER MODEL: Siemens Hydro Ranger #2

INFLUENT March 7, 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 20 MGD AS Found 20.001 MGD

LEVEL AFTER: 20.001 MGD

C) Actual Flow 12.59 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: 3/7/2024

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 March 7, 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 20 MGD AS Found 20.04 MGD

LEVEL AFTER: 20.04 MGD

C) Actual Flow 12.59 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: 3/7/2024

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 March 7th, 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 24.081"

LEVEL AFTER: 24.123"

Actual Flow 33.57 GPM 2.267"

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 Scheppeler

DATE 3/7/2024

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 March 7th, 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 8.5" Level reading 8.500"

LEVEL AFTER: 8.500"

C) Actual Flow 1.13 MGD 4.492"

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: 3/7/2024

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/RIVERLANE

FLOW METER MODEL: Isco Signature

INFLUENT March 7th, 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 24.156”
LEVEL AFTER: 24.127”
- D) Actual Flow 1.842” 25.65 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: 3/7/2024

**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: BOURBONNAIS/New

FLOW METER MODEL: Isco Laser Flow

INFLUENT March 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 21.0" As found 21.047"

LEVEL AFTER: 21.047"

C) Actual level 17.130" 3.72 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: 3/12/2024

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 March 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? **Foam**

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 51.0" As found 51.090"

LEVEL AFTER: 51.090"

C) Actual level 36.031" 2.36 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: 3/12/2024

BC SYSTEMS INC.

2778 N. 4000 E. ROAD

BOURBONNAIS ILLINOIS 60914

PHONE: 1-815-671-1257

FAX: 1-815-802-0219

ATTACHMENT

E

February 2024 Monthly Pretreatment Sample Analysis (metals, cyanide & VOA) for the permitted industries were a total of **66 samples** and a total of **382 analyses**.

Gilster-Mary Lee Corporation	4 Samples
Hoffman Transportation, LLC	7 Samples
Laraway Recycling & Disposal Facility	11 Samples
Liberty Landfill, LLC	12 Samples
Livingston Landfill	6 Samples
Natural Gas & Pipeline Co. of America	4 Samples
Peoria Packing Co.	1 Sample
Prairie View RDF	9 Samples
Tank Cleaning Solutions, LLC	12 Samples

Volumes Received for February 2024 for trucked-in industries.

Gilster-Mary Lee Corporation	24,000 gals	4 loads
Hoffman Transportation, LLC	205,000 gals	41 loads
Kankakee Recycling & Disposal Facility	0 gals	0 loads
Lake County C&D Landfill	0 gals	0 loads
Laraway Recycling & Disposal Facility	269,985 gals	46 loads
Liberty Landfill, LLC	1,362,283 gals	206 loads
Livingston Landfill	393,803 gals	58 loads
Momence Packing	0 gals	0 loads
Natural Gas & Pipeline Co. of America	50,000 gals	10 loads
Newton County Landfill	0 gals	0 loads
Peoria Packing Co.	3,000 gals	1 load
Prairie View - Will County RNG Plant	0 gals	0 loads
Prairie View RDF	461,815 gals	69 loads
Tank Cleaning Solutions, LLC	204,243 gals	39 loads
Verdant Specialty Solutions US LLC	0 gals	0 loads
Zutat Feed Solutions	0 gals	0 loads
Totals:	2,974,129 gals	474 loads

The KRMA Facility received a total of **166 loads** of septage which totalled **512,000 gallons** for the month of February 2024

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			
849,824	32	\$ 60,844	\$ 1,901	-	195967	653,857	1,107	\$ 0.0716	285,700	32	\$ 2,535	8,928	79			
205,738	36	\$ 54	2	-	205,480	258	238	\$ 0.0003	267,500	28	\$ 2,423	9,554	87			
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0			#DIV/0!				#DIV/0!	#DIV/0!				#DIV/0!	#DIV/0!			
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1,055,562	68	\$ 60,898	0	0	401,447	654,115	#DIV/0!	#DIV/0!	553,200	60	\$ 4,959	#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	Total Cost \$/day
39,569	31	\$ 26,964	1276	\$ 870	870
40,365	31	\$ 28,648	1302	\$ 924	924
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			#DIV/0!	#DIV/0!	#DIV/0!
79,934	62	\$ 55,612	#DIV/0!	#DIV/0!	#DIV/0!
Therms	Days	Total Cost \$/Billing Period	Therms/Day	Total Cost \$/day	Total Cost \$/day

LIGHTING PROPOSAL





BESCO US LLC,

March 14, 2024

Dustin Scheppler
Krma
1600 W Brookmont Blvd
Kankakee, IL 60901-2023

Proposal Number: 20240314-Krma

Dustin,

I want to thank you for allowing me the opportunity to quote this LED upgrade for you. Attached, please find the energy and financial analysis I have prepared for you. Doing a lighting upgrade provides a great financial benefit as the energy savings typically outweigh the initial investment. There are, however, many other benefits that are a result of improving your lighting such as enhanced visual comfort and safety for your patrons, lowered maintenance since your LEDs can last up to 20 years and because they use less power, this helps reduce CO2 emissions.

Thank you again for your time and the opportunity. We have been able to help many clients with their lighting needs and hope for the chance to be able to serve you best.

Warm Regards,

Gerald Holst
BESCO US LLC,
8234 CINNAMON LANE
FOX LAKE, IL 60020
(847) 561-6508
info@besco-us.com



SUMMARY

Net Project Cost

\$0.00

Simple Payback

0.0 Years

Annual Savings

\$9,862.91

Total Savings Over 20 Years

\$262,974.83

Annualized ROI

0.0%

RETURN ON INVESTMENT (ROI)

Total Return on Investment (ROI)

0.0%

Annualized ROI (over 20 years)

0.0%

Simple Payback

0.0 Years

PROJECT INVESTMENT

Replacement Fixtures/Bulbs

\$51,016.18

Labor

\$15,987.73

Scaffold Tower

\$371.96

Lift Rental

\$888.54

Project Cost**\$68,264.41**

Total Project Cost

\$68,264.41

Rebates

-\$68,264.41

Net Project Cost**\$0.00**

COST SAVINGS

Annual Energy Savings

\$8,408.99

Annual HVAC Savings

\$1,156.23

Annual Maintenance Savings

\$297.69

Total Annual Savings**\$9,862.91****Total Savings Over 20 Years****\$262,974.83**

ENERGY SAVINGS

Existing Energy Usage

128,366 kWh

Proposed Energy Usage

36,964 kWh

Energy Savings

91,402 kWh

SUMMARY

Energy Reduction

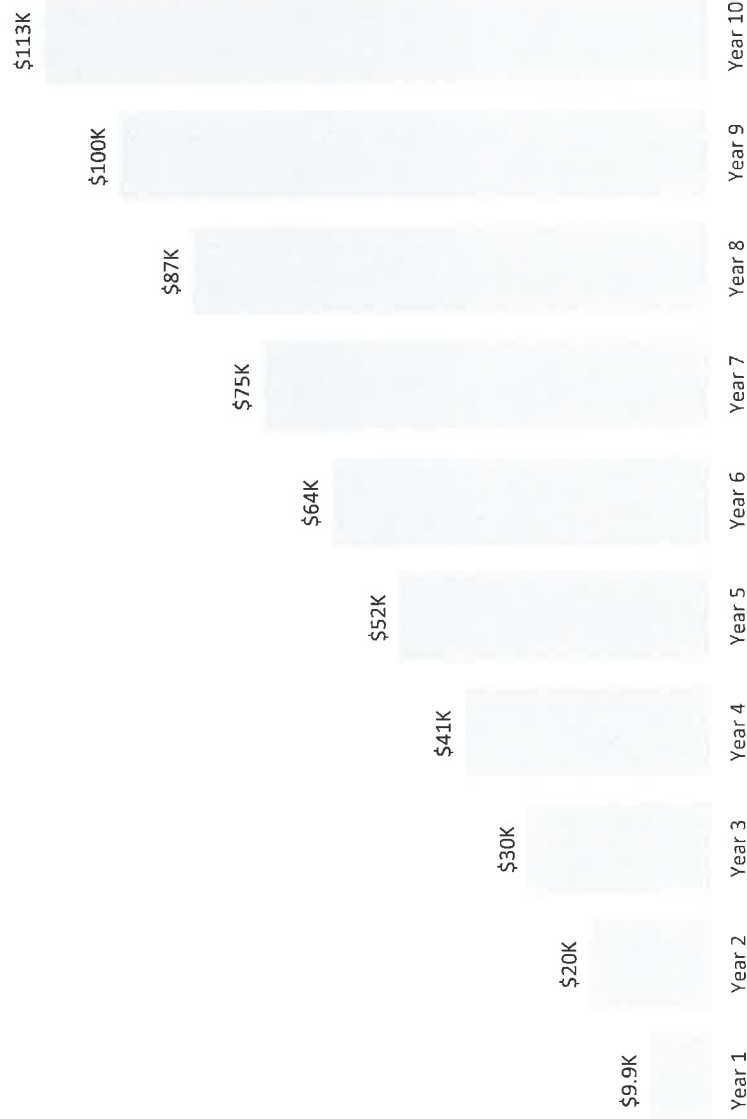
71%

CASH FLOW ANALYSIS

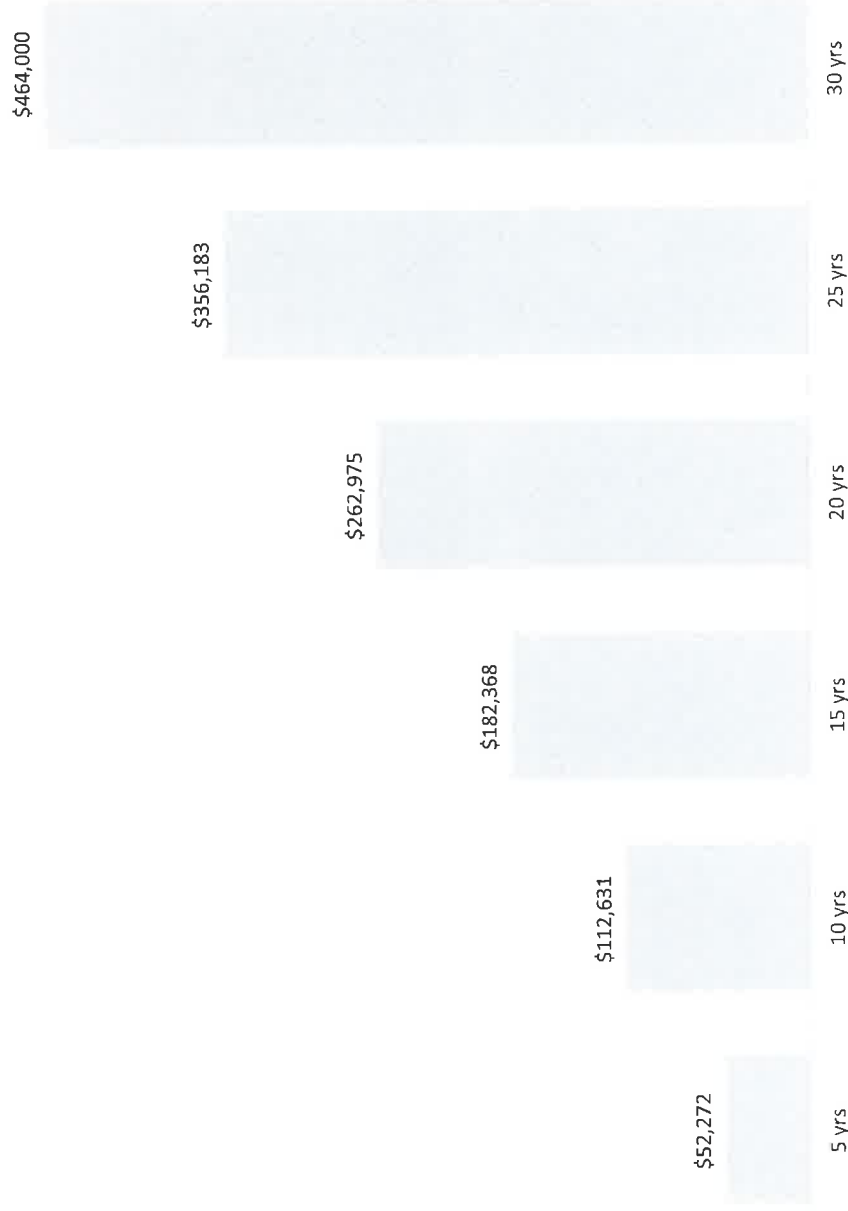
10 Year Cash Flow - Assumes annual utility escalation rate of 3%

Year	1	2	3	4	5	6	7	8	9	10
Project Cost										
Energy Savings	\$8,409	\$8,661	\$8,921	\$9,189	\$9,464	\$9,748	\$10,041	\$10,342	\$10,652	\$10,972
HVAC Savings	\$1,156	\$1,191	\$1,227	\$1,263	\$1,301	\$1,340	\$1,381	\$1,422	\$1,465	\$1,509
Maint Savings	\$298	\$298	\$298	\$298	\$298	\$298	\$298	\$298	\$298	\$298
Net Cash Flow	\$9,863	\$10,150	\$10,445	\$10,750	\$11,063	\$11,386	\$11,719	\$12,062	\$12,415	\$12,778
Cum Cash Flow	\$9,863	\$20,013	\$30,458	\$41,208	\$52,272	\$63,658	\$75,377	\$87,439	\$99,853	\$112,631

Cumulative Cash Flow Chart

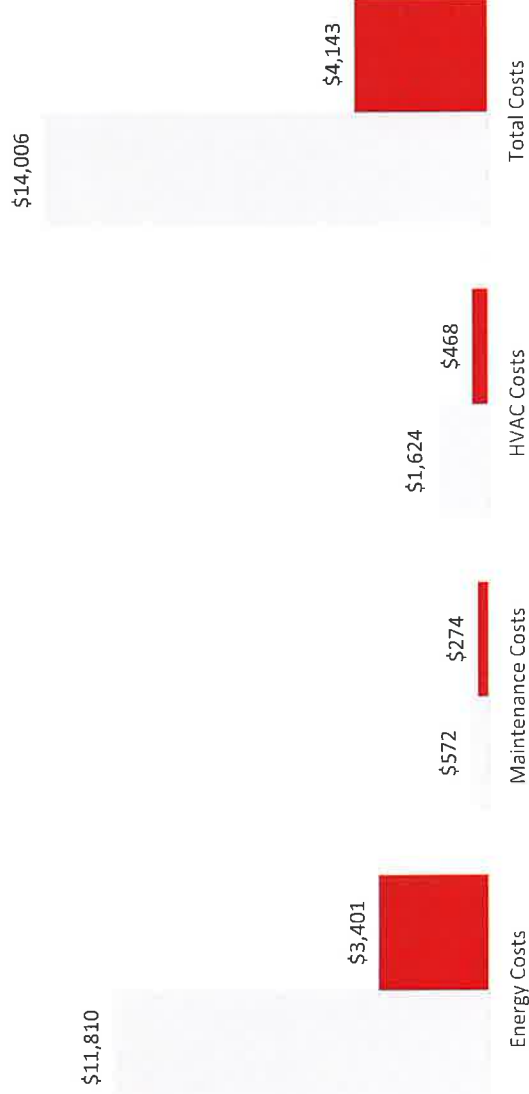


COST OF WAITING



Many companies hold out on investing in energy efficient improvements because they are worried about the initial spend. The question is...does it cost to wait? The upfront investment is a small price to pay when you look at how much it will cost you if you don't upgrade. Plus, in many cases the initial investment is recouped in just a few years while you enjoy the savings over the next 20-30 years.

SAVINGS ANALYSIS



You'll save more than just energy when you upgrade to LEDs. They use significantly less energy than older light sources and last up to 5 times longer. They also produce very little heat, which means you'll save on cooling costs too.

ENVIRONMENTAL IMPACT



DOING YOUR PART

LED lamps and tubes not only consume a fraction of the energy consumed by older lighting technologies like incandescent lamps, they can last almost five times as long. LEDs also contain no mercury. By doing nothing more than investing in this lighting upgrade, you've done your part to help future generations enjoy our planet.

FORMULAS

General Assumptions

kWh Rate = \$0.092
Annual kWh Rate Increase = 3.0%
Cooling Months for HVAC Savings = 5
HVAC Coefficient = 0.33

Energy Savings

Total Existing Watts = Number of Fixtures x Number of Watts
Total New Watts = Number of New Fixtures x Number of Watts
Energy Saved Watts = Total Existing Watts - Total New Watts
% Energy Savings = Energy Saved Watts ÷ Total Existing Watts

Maintenance Savings

Existing Lamp Replcmts/Year (ELRY) = Operating Hours ÷ Existing Lamp Life
New Lamp Replcmts/Year (NLRY) = Operating Hours ÷ New Lamp Life
Annual Maintenance Savings = (ELRY - NLRY) x Existing Lamp Cost x Existing Lamps/Fixt x Existing Fixtures

HVAC Savings

HVAC Savings = Energy Saved Watts ÷ 1000 x Oper Hrs x (Cooling Mos ÷ 12) x HVAC Coef x kWh Rate

Financial Savings

Existing Energy Cost = Existing Fixture Watts x Qty Fixtures ÷ 1000 x kWh Rate
Annual Proposed Energy Cost = New Fixture Watts x Qty Fixtures ÷ 1000 x kWh Rate
Annual Energy Savings = Existing Energy Cost - Annual Proposed Energy Cost

Rebates

Total Fixture Rebate = Quantity of Fixtures x Per Fixture Rebate Amount
kW Rebate = Energy Saved Watts ÷ 1000 x kW Rebate
kWh Rebate = Energy Saved Watts ÷ 1000 x Oper Hrs x kWh Rebate

Project Economics

Payback (Years) = Project Cost ÷ Annual Energy Savings
Total ROI % = Total Savings ÷ Project Cost
Annualized ROI % = Total ROI ÷ 20 Years

MATERIALS SUMMARY

Existing Fixtures

Location	Fixture	Qty	Watts
Exterior	Canopy HPS 70W	4	95 W
Interior	1x4 Troffer F32T8 2L	12	59 W
Interior	4FT Vapor F32T8 2L	23	59 W
Interior	Highbay Linear 4FT F32T8 6L	12	220 W
Interior	4FT Vapor F32T8 3L	54	88 W
Interior	4FT Wrap F32T8 2L	40	59 W
Interior	Highbay Round HPS 250W	1	295 W
Interior	4FT Wrap F32T8 3L	33	88 W
Interior	2x4 Troffer F32T8 4L	34	114 W
Interior	4FT Wrap F32T8 2L	59	59 W
Interior	4FT Vapor F32T8 2L	32	59 W
Interior	2x4 Troffer F32T8 3L	82	88 W
Interior	4FT Wrap F32T8 2L	21	59 W
Interior	2x2 Troffer F17T8 2L	15	30 W
Interior	2x4 Troffer F32T8 3L	8	88 W
Interior	4FT Vapor F32T8 3L	99	88 W
Interior	Highbay Linear 4FT F32T8 5L	32	149 W
Interior	4FT Wrap F32T8 2L	32	59 W
Interior	2x4 Troffer F32T8 2L	4	59 W
Interior	4FT Wrap F32T8 2L	26	59 W
Interior	4FT Vapor F32T8 2L	26	59 W
Interior	4FT Wrap F32T8 2L	20	59 W
Interior	Highbay Round HPS 400W	18	465 W
Interior	4FT Vapor F32T8 2L	22	59 W
Interior	4FT Vapor F32T8 2L	7	59 W

Proposed Fixtures

Location	Fixture	Qty	Watts	Each	Total	Labor
Exterior	MES LED Garage Canopy Light 4 (Kodiak G) 30W / 5000K / NLC	4	30 W	\$210.42	\$841.68	\$84.20
Interior	MES LED Magnetic Strip Kit 4FT (2 Lamp) 18W / 5000K / NLC	12	18 W	\$50.89	\$610.68	\$252.60

MATERIALS SUMMARY

Interior	MES LED Magnetic Strip Kit 4FT (2 Lamp) 18W / 5000K / NLC	23	18 W	\$50.89	\$1,170.47	\$484.15
Interior	MES LED High Bay Strip Body 110W (Pine SSR) 2FT / 5000K / NLC	12	110 W	\$313.11	\$3,757.32	\$252.60
Interior	MES LED Magnetic Strip Kit 4FT (2 Lamp) 18W / 5000K / NLC	54	18 W	\$50.89	\$2,748.06	\$1,136.70
Interior	MES LED Magnetic Strip Kit 4FT (2 Lamp) 18W / 5000K / NLC	40	18 W	\$50.89	\$2,035.60	\$842.00
Interior	MES LED Round High Bay UFO 1 100W / 5000K / NLC	1	100 W	\$180.00	\$180.00	\$31.58
Interior	MES LED Magnetic Strip Kit 4FT (2 Lamp) 18W / 5000K / NLC	33	18 W	\$50.89	\$1,679.37	\$694.65
Interior	MES LED Magnetic Strip Kit 4FT (2 Lamp) 18W / 5000K / NLC	34	18 W	\$50.89	\$1,730.26	\$715.70
Interior	MES LED Magnetic Strip Kit 4FT (2 Lamp) 18W / 5000K / NLC	59	18 W	\$50.89	\$3,002.51	\$1,241.95
Interior	MES LED Magnetic Strip Kit 4FT (2 Lamp) 18W / 5000K / NLC	32	18 W	\$50.89	\$1,628.48	\$673.60
Interior	MES LED Magnetic Strip Kit 4FT (2 Lamp) 18W / 5000K / NLC	82	18 W	\$50.89	\$4,172.98	\$1,726.10
Interior	MES LED Magnetic Strip Kit 4FT (2 Lamp) 18W / 5000K / NLC	21	18 W	\$50.89	\$1,068.69	\$442.05
Interior	MES LED Magnetic Strip Retrofit (High Lumen) 2FT (2 Lamp) 14W / 4000K / NLC	15	14 W	\$47.56	\$713.40	\$315.75
Interior	MES LED Magnetic Strip Kit 4FT (2 Lamp) 18W / 5000K / NLC	8	18 W	\$50.89	\$407.12	\$168.40
Interior	MES LED Magnetic Strip Kit 4FT (2 Lamp) 18W / 5000K / NLC	99	18 W	\$50.89	\$5,038.11	\$2,083.95
Interior	MES LED High Bay Strip Body 110W (Pine SSR) 2FT / 5000K / NLC	32	110 W	\$313.11	\$10,019.52	\$1,010.56
Interior	MES LED Magnetic Strip Kit 4FT (2 Lamp) 18W / 5000K / NLC	32	18 W	\$50.89	\$1,628.48	\$673.60

MATERIALS SUMMARY

Interior	MES LED Magnetic Strip Kit 4FT (2 Lamp) 18W / 5000K / NLC	4	18 W	\$50.89	\$203.56	\$84.20
Interior	MES LED Magnetic Strip Kit 4FT (2 Lamp) 18W / 5000K / NLC	26	18 W	\$50.89	\$1,323.14	\$547.30
Interior	MES LED Magnetic Strip Kit 4FT (2 Lamp) 18W / 5000K / NLC	26	18 W	\$50.89	\$1,323.14	\$547.30
Interior	MES LED Magnetic Strip Kit 4FT (2 Lamp) 18W / 5000K / NLC	20	18 W	\$50.89	\$1,017.80	\$421.00
Interior	MES LED Round High Bay UFO 18 100W / 5000K / NLC	18	100 W	\$180.00	\$3,240.00	\$947.34
Interior	MES LED Magnetic Strip Kit 4FT (2 Lamp) 18W / 5000K / NLC	22	18 W	\$50.89	\$1,119.58	\$463.10
Interior	MES LED Magnetic Strip Kit 4FT (2 Lamp) 18W / 5000K / NLC	7	18 W	\$50.89	\$356.23	\$147.35



BESCO US LLC,

TERMS AND CONDITIONS

This proposal includes all materials, labor, and lift rentals in order to complete the project as proposed. BESCO-US will complete all paperwork for ComEd incentives. Upon project completion, project applicant will need to sign a final ComEd application for the incentive payment to go to BESCO-US.



IV-B-2

Annual Load / Gallon Totals

2024

Month Received	Glister-Mary Lee Corporation	Hoffman Transportation, LLC	Kankakee Recycling & Disposal Facility	Lake County C&D Landfill	Laraway Recycling & Disposal Facility	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	Zutat Feed Solutions	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	427
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																		
April																		
May																		
June																		
July																		
August																		
September																		
October																		
November																		
December																		
Totals	42,000	405,000			486,375	2,524,843	681,104		165,000		6,000		825,367	424,197			5,559,986	901
Average	21,000	202,500			248,188	1,262,472	340,552		82,500		3,000		412,684	212,099			2,764,993	451
Treatment Costs as of 05/01/23	0.09	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	0.086	0.086	0.08	0.086	0	0.059	0.086	0.138	0.082		



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

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	24,000	213	1,598
Hoffman Transportation, LLC	205,000	55	1,517
Laraway Recycling & Disposal Facility	269,985	144	1,479
Liberty Landfill, LLC	1,362,283	2,516	36,879
Livingston Landfill	393,803	2,031	10,549
Natural Gas & Pipeline Co. of America	50,000	11	71
Peoria Packing Co.	3,000	17	51
Prairie View RDF	461,815	385	8,433
Tank Cleaning Solutions, LLC	204,243	392	4,902
Totals:	2,974,129	5,765	65,479

KRMA Flows Report

Table with columns for Kankakee, Bradley, Bourbonnais, and Aroma Park flows. Each section includes YTD Actual Flows, Estimated %, and % of Total, with sub-headers for Actual and Estimated values. Includes summary rows for each category and a grand total at the bottom.

Flows
KRMA Treatment Facility
February, 2024

Date	PRECIPITA INCHES	PLANT MGD	Kankakee MGD	BOURB. MGD	BradleyFlow MGD	AromaPark MGD
2/1/2024	.00	25.89	17.75	4.89	3.16	.09
2/2/2024	.00	23.86	16.13	4.67	2.98	.08
2/3/2024	.00	21.03	13.73	4.51	2.71	.08
2/4/2024	.00	19.84	12.66	4.40	2.71	.08
2/5/2024	.00	18.24	11.35	4.10	2.72	.07
2/6/2024	.00	17.89	11.38	3.91	2.53	.06
2/7/2024	.00	17.13	10.80	3.80	2.48	.06
2/8/2024	.00	16.74	10.67	3.76	2.25	.06
2/9/2024	.00	16.38	10.53	3.74	2.06	.06
2/10/2024	.00	15.89	10.72	3.53	1.58	.06
2/11/2024	.00	15.21	10.07	3.50	1.58	.06
2/12/2024	.00	14.73	9.73	3.42	1.52	.05
2/13/2024	.00	14.85	10.39	3.27	1.14	.04
2/14/2024	.06	14.64	10.28	3.14	1.18	.04
2/15/2024	.00	14.10	9.67	3.19	1.20	.04
2/16/2024	.07	14.21	9.94	3.13	1.09	.04
2/17/2024	.00	13.93	9.57	3.09	1.22	.04
2/18/2024	.00	13.84	9.32	3.15	1.32	.04
2/19/2024	.00	13.43	9.13	3.10	1.15	.04
2/20/2024	.00	13.54	9.46	3.01	1.02	.04
2/21/2024	.30	13.32	9.26	3.02	.99	.04
2/22/2024	.00	14.68	9.48	3.71	1.45	.04
2/23/2024	.00	15.00	10.28	3.42	1.27	.04
2/24/2024	.02	13.73	9.08	3.26	1.34	.04
2/25/2024	.00	13.36	8.60	3.27	1.45	.04
2/26/2024	.00	13.28	9.07	3.13	1.04	.04
2/27/2024	.02	12.94	8.76	3.11	1.04	.04
2/28/2024	.00	13.25	9.18	2.97	1.05	.04
2/29/2024	.00	12.56	8.61	2.88	1.03	.05
Total	.47	457.45	305.62	102.07	48.26	1.50
Average	.02	15.77	10.54	3.52	1.66	.05
Minimum	.00	12.56	8.60	2.88	.99	.04
Maximum	.30	25.89	17.75	4.89	3.16	.09
# of data	29.00	29.00	29.00	29.00	29.00	29.00

MAR 11 2024

RECEIVED

Policyholder:
KANKAKEE RIVER METRO AGENCY
1600 W BROOKMONT BLVD
KANKAKEE, IL 60901-2023

Agent or Broker:
(269) 381-1173
BURNHAM & FLOWER AGENCY
315 S KALAMAZOO MALL
KALAMAZOO, MI 49007

Date of Issue: 3/6/2024

Policy Numbers: IH57330A 630
61M57113 ZLP
61M57113 810
21N71148 ZUP

Expiring Underwriting Company: Travelers Property Casualty Company of America
Renewal Effective Date: 5/10/2024

Dear Policyholder:

Thank you for choosing Travelers. We are providing advance notice of changes affecting your renewal policy or notification of renewal premium. Please consult your agent or broker for guidance in reviewing the information contained in this notice.

The following is changed on your renewal:



<u>Policy Number</u>	<u>Coverage Change Details</u>
IH57330A 630	Deductible Changes as outlined below.
61M57113 ZLP	No Changes
61M57113 810	No Changes
21N71148 ZUP	No Changes

Your renewal policies will have deductibles different from your expiring policies because of underwriting judgment based on an evaluation of your individual risk exposures and/or loss history.

The changed deductibles on your renewal policy will be as follows:

<u>Description</u>	<u>Expiring Deductible</u>	<u>Renewal Deductible</u>
Property Deductible - All Locations - Any Other Covered Loss in any one occurrence:	\$5,000	\$10,000

Your insurance program provides critical financial protection for your company. Your agent or broker can provide expert and professional advice on Travelers' extensive insurance products and services. You should regularly review and update your insurance program with your agent or broker to ensure it provides the protection you require. We appreciate your business. Thank you for choosing Travelers.



Illinois Association of Wastewater Agencies

241 NORTH FIFTH STREET
SPRINGFIELD, ILLINOIS 62701
PHONE: 217-523-1814 FAX: 217-544-0086
WEBSITE: www.ilwastewater.org

March 1, 2024

Honorable Richard J. Durbin
United States Senate
711 Hart Senate Office Building
Washington, DC 20510

Honorable Tammy Duckworth
United States Senate
524 Hart Senate Office Building
Washington, DC 20510

RE: \$1430 Water Systems PFAS Liability Protection Act

Senator Durbin and Senator Duckworth:

As an association representing public wastewater utilities striving to provide a safe, affordable public service to our ratepayers, we are concerned that EPA’s proposed designation of PFOA and PFOS as hazardous substances under CERCLA – which is now in final review at OMB – will cause water systems and our ratepayers – rather than polluters – to incur environmental cleanup liability that should be faced by the entities responsible for that pollution. We therefore ask you to support a statutory protection for water systems from liability under CERCLA for PFAS to help ensure polluters, not the public, pay for PFAS cleanup.

From the start, CERCLA was built on a “polluter pays” principle, envisioned as holding companies that produced and profited from hazardous substances that were discharged into the environment responsible for their cleanup. This polluter pays principle is laudable – but unfortunately, the proposed designation of PFOA and PFOS – nondegradable “forever chemicals,” which are now ubiquitous in the environment— means that drinking water and wastewater systems that passively receive these substances into their systems could face CERCLA cleanup liability simply because an upstream polluter deposited the chemicals in their water supplies.

A CERCLA designation for PFAS exposes drinking water and wastewater utilities like ours to potential litigation from the actual polluters. PFAS users and producers can abuse litigation to reduce their own clean-up costs and increase costs on water utilities – costs which we are then forced to pass along to ratepayers. Even when water systems are able to successfully defend ourselves in court against CERCLA claims, the cost of that litigation alone could contribute to the ongoing water affordability challenge.

- President**
MATT STREICHER
Glenbard Wastewater Authority
Glen Ellyn, Illinois
- Vice President-Administration**
MARSHALL SCHRADER
Galesburg Sanitary District
Galesburg, Illinois
- Vice President-Technical**
KAREN CLEMENTI
Fox Metro Water Reclamation
District
Oswego, Illinois
- Member-at-Large**
MONTE CHERRY
Danville Sanitary District
Danville, Illinois
- Member-at-Large**
AMY UNDERWOOD
Downers Grove Sanitary District
Downers Grove, Illinois
- Member-at-Large**
ALBERT COX
Metropolitan Water Reclamation
District of Greater Chicago
Chicago, Illinois
- Member-at-Large**
CYRUS McMAINS
Yorkville Bristol Sanitary
District
Yorkville, Illinois
- Ex-Officio**
MIKE HOLLAND
Kichwaukee Water Reclamation
District
DeKalb, Illinois
- Executive Director**
KEVIN BURKE III
Springfield, Illinois

KEYSTONE

Power Holdings, LLC.



About Us

Keystone Power Holdings, LLC (Keystone) is a US-based solar development company with a focus on commercial and utility scale projects throughout the Americas. Keystone's mission is to help clients realize savings through the production of clean energy while also reducing their carbon footprint. We are committed to providing cost-competitive, cleaner energy to our customers with exceptional service.

Keystone is committed to help clients realize the benefits and savings of clean energy while removing the need for up-front capital investment.

Commercial and School Projects

Keystone delivers solutions for educational institutions as well as small and large commercial corporations. With no upfront investment from our clients, Keystone works hand in hand developing and constructing first class solar facilities. By working with Keystone to fix volatile energy prices, our clients put in place a strong hedge against future energy price fluctuations.

Municipal Projects

Keystone partners with government entities and utility companies across North America to help lower electricity costs and generate power using clean energy. Through Keystone's service agreement, federal, state and municipal organizations benefit from a custom-built solar facility and cost-assured energy for the next 20 years, all without any upfront investment by our clients.

The Benefits of Keystone's Offer

- **Save Money** – Reduce utility bills & operating cost
- **No Investment** – System is installed and operated by Keystone at no cost
- **Decrease Risks** – Hedge against rising electricity & fuel prices
- **Environmental Responsibility** – Preserve natural resources, become energy independent
- **Education** – Environmental leadership, educating staff and constituents

KEYSTONE

Power Holdings, LLC.



Commercial & Municipal Solutions

Our most recent projects:

- 3.9 MW Private College, MA
- 2.4 MW Elementary Schools, NM
- 0.7 MW Private College, CA
- 2.4 MW High Schools, CA
- 2.0 MW Large National Retailer, CT
- 2.7 MW Private College, MA
- 1.4 MW Elementary School, CA
- 1.7 MW Regional School District, MA
- 0.6 MW Township, NJ
- 0.3 MW Sewer Authority, NJ
- 0.3 MW Sewer Plant, IL



Featured Illinois Projects in the Press:

Augustana College



Keystone secured the financing and built solar on 4 rooftops for Augustana College in Rock Island, IL, that will save between 30-70% of each building's energy use annually (1.4 MW DC total). The array consists of roof mounted solar panels, on buildings on the main campus.

Freeport



Keystone took a space constrained treatment plant in Freeport, IL and found a way to use unused space not planned for expansion for solar. The ground mounted project required multiple arrays and careful flood and environmental planning, all done at our cost – allowing Freeport to enjoy savings from day 1.

Abingdon High



Keystone developed and secured financing for the Abingdon-Avon CUSD's Abingdon High School in Abingdon, IL. The 750 kW system offsets ~80% of the school energy usage at a discount to the school. The solar is ground mounted on unused land on the edge of the school property

Milan



Keystone built and operates a 323 kW solar plant besides the Village sewer plant. Keystone purchased a neighboring lot, as the plant was space constrained, and connected the system to the sewer plant main electrical cabinet. Milan enjoys significant savings for the coming decades

Kankakee River Metropolitan Agency
Statement of Revenues, Expenses and Changes in Net Position
Budget Worksheet

	Actual		Projected Actual		Budget		Under (Over) Projected Variance	Proposed Budget 4/30/2025	Notes	% Increase
	May 23 - Jan 24	Feb 24 - Apr 24	Projected Actual FYE 4-30-24	Projected Actual FYE 4-30-24	FYE 4-30-24	FYE 4-30-24				
REVENUES										
Operation & Maintenance Payments (Allocated by Flows)										
4010 - City of Kankakee	5,109,570	1,703,190	6,812,760	6,812,760	6,812,760	-	7,349,292	Calculated based on cash needs below	7.88%	
4020 - Village of Bradley	1,120,878	373,626	1,494,504	1,494,504	1,494,504	-	1,691,736	Calculated based on cash needs below	13.20%	
4030 - Village of Bourbonnais	2,331,846	777,282	3,109,128	3,109,128	3,109,128	-	3,515,656	Calculated based on cash needs below	13.07%	
4040 - Village of Aroma Park	39,510	13,170	52,680	52,680	52,680	-	58,944	Calculated based on cash needs below	11.89%	
Revenue subtotal	8,601,804	2,867,268	11,469,072	11,469,072	11,469,072	-	12,616,528	1,146,456		
Other Operating Revenue	1,266,436	422,145	1,688,581	1,688,581	1,750,000	61,419	1,206,000	Assumed 12M gallons at average .068 rate + projected analysis and admin chg		
4400 - Hauled In Waste	266,518	89,839	355,357	355,357	275,000	80,357	275,000	No change to prior year budget amount		
4500 - Sepsic Income	1,532,954	510,985	2,043,939	2,043,939	2,025,000	18,939	1,481,000	544,000 Lowered HIM - additional income needed from members		
Other Operating Revenue subtotal	10,134,758	3,378,253	13,513,011	13,513,011	13,494,072	19,000	14,096,528			
EXPENSES										
General and Administrative										
6005 - Management Services	81,000	27,000	108,000	108,000	105,000	(3,000)	110,000	Adjusted to cover new contract amount		
6030 - Financial & Administrative	76,740	35,000	111,740	111,740	120,000	8,260	120,000	No change to prior year budget amount		
6040 - Administrative Expense	38,451	12,817	51,268	51,268	35,000	(16,268)	40,000	Increased slightly due to current year average		
6045 - IT & Software Expense	73,888	24,629	98,517	98,517	46,000	(52,517)	50,000	32k + 15k for two known software fees		
6100 - Amortization-Issuance Costs	63,481	21,160	84,641	84,641	-	(84,641)	-	Already set from amortization schedule		
6115 - Audit Services	20,750	20,750	20,750	20,750	21,000	250	21,500	Already set with 3 year contract		
6120 - Community Contributions	500	167	667	667	1,000	333	1,000	No change to prior year budget amount		
6150 - Depreciation	2,251,926	750,642	3,002,568	3,002,568	3,190,000	187,432	3,190,000	Already set with depreciation schedule		
6200 - Director's Fees	12,400	4,400	16,800	16,800	16,800	-	16,800	Already set stipend rate		
6210 - Dues and Subscriptions	5,966	1,969	7,935	7,935	13,500	5,565	10,000	Reduced slightly due to prior year activity		
6261 - Workmen's Comp Insurance	102,770	34,257	137,027	137,027	125,000	(12,027)	140,000	Increased slightly to estimated new policy amount		
6262 - General Liability	280,800	-	280,800	280,800	270,000	(10,800)	295,000	No expense for this year - in a 3 year policy paid for last year		
6264 - Fiduciary Liability Insurance	4,817	1,606	6,423	6,423	3,500	(2,923)	-	Increased due to current year average		
6360 - Laboratory Fees	260,051	160,000	420,051	420,051	400,000	(20,051)	415,000	Reduced due to prior year activity, but left higher in case more litigation		
6380 - Legal Expense	16,752	5,584	22,336	22,336	50,000	27,664	40,000	Reduced due to prior year budget amount		
6420 - Miscellaneous	3,348	1,116	4,464	4,464	4,500	36	4,500	No change to prior year budget amount		
6550 - P.I.L.O.T. Fees	75,000	25,000	100,000	100,000	100,000	-	100,000	Fee has been set at 100k per year		
Total General and Administrative	3,368,640	1,195,365	4,474,006	4,474,006	4,501,300	27,294	4,553,880	52,580 - increase in office expense, gen liability ins, work comp ins.		
Operations & Maintenance - KRMA										
6117 - Chemicals	189,116	63,099	252,155	252,155	385,000	132,845	385,000	No change from py - conservative estimate, unknown costs going forward		
6221 - Health Insurance	203,745	67,815	271,660	271,660	325,000	53,340	325,000	Under budget prior year, no change. Should cover 9% increase.		
6222 - 401K	104,692	34,897	139,589	139,589	120,300	(19,289)	160,000	Increased due to current year average and 1% increase in match		
6224 - Short & Long Term Disability	266	89	355	355	4,300	3,945	1,000	Reduced slightly due to prior year activity		
6225 - Employee Life Insurance	5,077	1,692	6,769	6,769	8,400	1,631	8,000	Reduced slightly due to prior year activity		
6551 - O & M Salaries	1,087,394	362,465	1,449,859	1,449,859	1,570,400	120,541	1,570,400	Under budget prior year, no change. Should cover 3% increase.		
6562 - O & M Overtime	23,421	7,807	31,228	31,228	32,400	1,172	32,400	No change from py - conservative estimate, unknown costs going forward		
6567 - Holiday Overtime	529	176	705	705	-	(705)	-	n/a		
6569 - Operations Salaries and Wages - Other	1,175	392	1,567	1,567	-	(1,567)	-	n/a		
6570 - Admin Salaries and Wages - Other	356,771	118,924	475,695	475,695	467,300	(8,395)	485,000	Increased due to current year average and 3% increase in match		
6590 - Permit Expense - Other	52,500	-	52,500	52,500	52,500	-	52,500	No change to prior year budget amount		
6600 - Repairs & Maintenance-Bldg	17,723	5,908	23,631	23,631	195,000	171,369	900,000	Consolidating all repairs into next line item		
6680 - Repairs & Maintenance-Equip - Other	259,467	86,489	345,956	345,956	370,000	24,044	500,000	Additional repairs of 630k on top of routine maintenance and phase 1		
6700 - Sludge Removal	215,500	71,833	287,333	287,333	650,000	362,667	100,000	Reduced slightly due to prior year activity		
6710 - Supplies	72,080	24,027	96,107	96,107	100,000	3,893	100,000	No change to prior year budget amount		
6722 - Social Security and Medicare	118,448	39,483	157,931	157,931	157,100	(831)	165,000	Increased to cover 3% increase in salaries		
6724 - State Unemployment Tax Expense	15,660	5,220	20,880	20,880	20,880	-	20,000	Increased due to current year average		
6800 - Travel	190	63	253	253	500	247	500	No change to prior year budget amount		
6820 - Telephone	13,558	4,519	18,077	18,077	25,000	6,923	20,000	Reduced slightly due to prior year activity		
6871 - Electric	392,335	130,778	523,113	523,113	350,000	(173,113)	575,000	Increased due to current year average and estimated inflation - could still increase		
6872 - Gas	87,563	29,000	116,563	116,563	225,000	108,437	200,000	Reduced due to prior year activity		
6873 - Water	24,470	8,157	32,627	32,627	40,000	7,373	40,000	No change to prior year budget amount		
6881 - Fuel	17,079	5,693	22,772	22,772	30,000	7,228	30,000	No change to prior year budget amount		
6882 - Repairs & Maintenance	16,368	6,119	22,487	22,487	15,000	(7,487)	-	Consolidating all repairs into line in above section		
6950 - Cleaning Services	24,534	8,178	32,712	32,712	4,200	(28,512)	33,000	No change to prior year budget amount, will update if bid received		
6125 - Bank/Finance Charges/Late Pymnt	3,483	1,161	4,644	4,644	4,200	(444)	5,000	Increased due to current year average		
6130 - Continuing Education & Training	11,013	3,671	14,684	14,684	11,000	(3,684)	15,000	Reduced due to current year average		
6390 - Professional Fees	73,604	24,535	98,139	98,139	125,000	26,861	75,000	Increased as some Strend bills will be in phase 1, 2-3		
6840 - E-Waste Grant/Project	-	75,000	75,000	75,000	75,000	-	75,000	Set agreement for 75k per year		

Budget Worksheet
4/30/2025

	Actual		Projected Actual		Budget	Under (Over)		Notes
	May 23 - Jan 24	Feb 24 - Apr 24	Projected Actual FYE 4-30-24	Projected Actual FYE 4-30-24	FYE 4-30-24	Projected Variance	Budget 4/30/2025	
5950 - Uniforms & Linen Service	17,352	5,784	23,136	25,000	25,000	1,864	25,000	No change to prior year budget amount
Total Operations and Maintenance Expenses	3,407,103	1,239,013	4,646,116	5,308,912	5,308,912	752,796	5,807,800	408,889 Increase in Salaries and electric
Total Expense	6,775,743	2,344,380	9,120,123	9,900,212	9,900,212	780,089	10,361,880	461,468 Budgeted increase (5% increase from prior year budget) Repairs and electric are biggest areas of increase
Net Income before Other Income (Expense)	3,359,015	1,033,873	4,392,888	3,593,850	3,593,850	(760,089)	3,734,848	

Other Income/Expense								
6320 - Interest Expense		774,462						
6320 - Interest Expense - IEPA Loan 1 (#2364)	O			34,039			23,854	Set per amortization schedules
6320 - Interest Expense - IEPA Loan 2 (#3334)	O			80,195			72,814	Set per amortization schedules
6320 - Interest Expense - IEPA Loan 3 (#4836)	O			217,049			199,926	Set per amortization schedules
6320 - Interest Expense - IEPA Loan 4 (#4992)	O			22,470			20,828	Set per amortization schedules
6320 - Interest Expense - IEPA Loan 5 (#4868)	O			224,070			206,054	Set per amortization schedules
6320 - Interest Expense - IEPA Loan 6 (#4869)	O			258,916			240,891	Set per amortization schedules
6320 - Interest Expense - Bond 2016	D			255,000			195,750	Set per amortization schedules
9060 - Finance Charge Income	O						(100,000)	Estimate based off of current interest rates and cash balances
9050 - Interest Income	F	(210,030)		(25,000)				
9080 - Grant Revenue	O	(5,124)						
9100 - Amortization-O.I.P.	X	(77,203)		(140,000)			(140,000)	Set per amortization schedules
Total Other (Income) / Expense		482,105		926,740			720,117	
NET INCOME		2,876,910	1,033,873	4,392,888	2,667,120	(760,089)	3,014,731	

OTHER CASH NEEDS:

Debt Service and Debt Service Reserve Expenditures								
Principal - IEPA Loan 1 (#2364)	O						415,053	Set per amortization schedules
Principal - IEPA Loan 2 (#3334)	O						596,028	Set per amortization schedules
Principal - IEPA Loan 3 (#4836)	O						759,008	Set per amortization schedules
Principal - IEPA Loan 4 (#4992)	O						86,353	Set per amortization schedules
Principal - IEPA Loan 5 (#4868)	O						947,025	Set per amortization schedules
Principal - IEPA Loan 6 (#4869)	O						917,043	Set per amortization schedules
Principal - Bond 2017	D						1,240,000	Set per amortization schedules

Cash Outlays not in above expenditures:								
Monthly transfer to depreciation fund	O							
Bond reserve required transfer - \$10,000/mo	O							
Add'l bond set aside rate per rate set below	O						1,104,125	
Total other cash needs							6,084,636	

SUMMARY OF REVENUE REQUIRED CALC:

7,071,660	OPERATING CASH NEEDS	
1,435,750	P&I BOND	
4,484,877	P&I IEPA	
	Monthly Surplus and Depreciation Transfers	
	OTHER CASH NEEDS - ALLOCATED BY OWNERSHIP	
1,104,125	20%	Transfers to Reserve accs that help cover set-aside: 0
14,096,433		Bond set-aside as calculated to the left: 1,104,125
(1,481,000)	HAULED IN WASTE INCOME OFFSET	Bond set-aside covers monthly transfers: 1,104,125
12,615,433	REVENUE REQUIRED	
7,349,292	Budgeted revenue from City of Kankakee	
1,891,736	Budgeted revenue from Village of Bradley	
3,515,556	Budgeted revenue from Village of Bourbonnais	
58,944	Budgeted revenue from Village of Aroma Park	