

AGENDA

KANKAKEE RIVER METROPOLITAN AGENCY MEETING

Thursday, July 28, 2022

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. June 23, 2022 – 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

A. AR Adjustment

2. Hauled in Waste Report

3. Flows Graphs

D. Communications

1. Economic Alliance Meeting at KRMA

V. Old Business

A. CSL Update

B. NARP Update

C. Bradley Property Update

D. ICP Machine

E. Republic Contract

F. New Hire Progress

G. Security Updates

VI. New Business

A. Resolution authorizing addendum to Custody Agreement between Midland Wealth Management (formerly Homestar Bank) and KRMA

VII. Executive Session

A. Personnel & Probable or Imminent Litigation

VIII. Next Meeting

Thursday, August 25, 2022 (9:00 AM in KRMA Boardroom)

KANKAKEE RIVER METROPOLITAN AGENCY
MINUTES
June 23, 2022 – 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
Melanie Gossett, Asst. Superintendent, Technical Services

Other:

Terry Memenga, Alternate, Village of Bradley
Nichole Modschiedler, Smith Koelling Dykstra & Ohm, P.C

Chairman, Mayor Curtis called the meeting to order

I. **Roll Call**

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

II. **Public Comment**

Dir Romo state, we, the Village of Bradley, are willing to sell the property, rent it, lease it, or donate it. however, we want some conditions met.

III. **Approval of Board Minutes May 26, 2022 – Regular Board Meeting**

Motion to approve the May 26, 2022, Regular Board Meeting minutes was made by: Dir Hunter and seconded by Dir Osenga. All board members present voted in favor of, Dir Stump absent. Motion Carried.

IV. **Reports**

A. **Operations & Maintenance Report**

Monthly Report

Art presented the MOR. Art elaborated on DMR and the plant performance, stressing the importance of plant expansion with or without the loadings of industrial waste.

B. **Executive Director Report**

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

Exec. Dir. Dave Tyson presented the yearly utility usage. Everything is in line. Water usage is up due to the amount of cleaning projects within the facility.

2. **Hauled In Waste Summary**

Exec. Dir. Tyson stated hauled in waste is still running strong and bringing in revenue.

3. **Operations Report**

Exec Dir Dave Tyson stated the plant is running well.

C. **Financial Report**

1. **Reports**

Karen Benson presented the financial statements, stating the Statement of Net Position, the cash position is strong. Karen explained Statement of Rev/Exp is marked as draft because of some final audit decisions that needs to be made. Also, the Statement Rev/Exp is above budget due to the increased prices in chemicals and sludge removal. The Change in Net Position shows deferred revenue and is on target with the budget.

2. **Hauled In Waste Report**

Karen stated Hauled in waste is still over the budget.

3. **Flows Graphs**

Karen Benson presented the year-to-date flow graphs explaining the new estimation of percentage of flows.

D. **Communications**

None

V. **Old Business**

A. **CSL Update**

Exec Dir Tyson stated they attended a tour of CSL phase 2. CSL plans to be up and running by the end of this year.

B. **NARP Update**

No Update

C. **Bradley Property**

There was discussion regarding the Bradley Property located within the KRMA facility. There was a Special Board Meeting scheduled for Wednesday, July 20, 2022, at 9am for further discussion.

D. **ICP Machine**

Chairman Curtis stated the City of Kankakee authorized purchase of ICP Machine.

E. **Update on Management Medical Insurance Options**

Motion to approve the renewal of United Healthcare Insurance for Management was made by Dir Swanson and seconded by Dir Hunter. All board members voted in favor of, Dir Stump Absent. Motion Carried.

F. **Republic Contract**

Discussion regarding the Republic Contract

G. **New Hire Progress**

Exec Dir Tyson stated the job posting is closed. KRMA received thirty-six applications. Management staff is reviewing, and interviews will start the beginning of next week.

H. **Security Updates**

Exec Dir Tyson stated No Trespassing signs have been ordered. They will be put up once they come in.

VI. **Public Budget Hearing**

Motion to open to Public Budget Hearing was made by Dir Hunter and seconded by Dir Romo. Motion carried.

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

The Board went into Public Budget Hearing to discuss the proposed budget for fiscal year ending April 30, 2023.

Motion to close Public Budget Hearing was made by Dir Swanson and seconded by Dir Osenga. Motion Carried.

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

VII. **New Business**

A. **Approval of Budget Ordinance No. 2020-01 for fiscal year end April 30, 2023**

Motion to approve the Budget Ordinance No. 2020-01 for Fiscal year end April 30, 2023, with the set-aside rate to 16% was made by Dir Hunter and seconded by Dir Osenga. All Board Members voted in favor of, Dir Romo voted Nay and Dir Stump absent. Motion Carried.

B. **Approval of Revised Enforcement Response Plan (ERP)**

Exec Dir Tyson informed the board that the Revised Enforcement Response Plan (ERP) was updated to reflect Kankakee River Metropolitan Agency as its own entity to become in compliance with the USEPA. Melanie explained the changes have not significantly impacted our Pretreatment Program. Motion to accept the approval of the Revised Enforcement Response Plan was made by Dir Swanson seconded by Dir Romo. All board members present voted in favor of, Dir Stump absent. Motion Carried

C. **Approval of Sewer Use Ordinance (SUO) Regulations**

Motion to accept the approval of the Sewer Use Ordinance (SUO) Regulation was made by Dir Romo seconded by Dir Osenga. All board members present voted in favor of, Dir Stump absent. Motion Carried

VIII. **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)(11) of the open meetings act, was made by: Dir. Osenga and seconded by: Dir. Hunter. Motion carried.

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

The Board went into Executive Session to discuss Personnel and probable or imminent litigation.

Vice Chairman Schore left the meeting.

Motion to return to Open Session was made by: Dir. Osenga and seconded by: Dir Romo. Motion carried.

Roll call was taken, and all Board Members were present except for Dir Stump and Vice Chairman Schore absent.

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

IX. **Next Meeting**

Next Regular Board Meeting- **Thursday, July 28, 2022 (9:00 A.M. at KRMA Board Room)**

Motion to Adjourn was made by: Dir Osenga and seconded by Dir Hunter. All board members present voted in favor of, Motion Carried.



Kankakee River Metropolitan Agency

Providing Wastewater Treatment to the Kankakee River Valley

**JUNETEENTH
2022**

**EDUCATE
CELEBRATE
ACTIVATE**

Monthly Operations Report

JUNE 2022

KRMA's JUNE HIGHLIGHTS:

The KRMA staff continues to work with Strand Engineers regarding the facility upgrade to meet possible upcoming EPA permits. The projected start of construction is February 2025 with final completion May 2027.

The plant is performing well after unwanted microorganism were gotten rid of and replaced with more desirable organism.

The KRMA staff continue to perform annual task to ensure equipment and structures are adequate.

The month of June, the Agency had no violations of the Illinois Environmental Protection Agency 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)	390.47	262.12	90.737	36.566	1.047
Daily Average Flow (MGD)	13.02	8.74	3.025	1.219	0.035

3.0 EFFLUENT QUALITY

Table 3.1 Summarizes the effluent quality data.

Table 3.1
Effluent Quality

	EPA Limits	Effluent Average
Biochemical Oxygen Demand (BOD) – Monthly Average	20 mg/l	6 mg/l
Total Suspended Solids (TSS) - Monthly Average	25 mg/l	16 mg/l
PH	6-9 SU	7.13 SU
Chlorine Residual	0.05 mg/l	0.026 mg/l
Fecal Coliform	400/100 ml	14/100 ml

ODOR ISSUES:

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

4.0 PERSONNEL

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

Ronald Haney, O & M Operator Specialist, 9 years

Brian Power, O & M Operator Specialist, 9 years

Joshua Peters, EIC Operator Specialist, 5 years

Michael Arseneau, O & M Operator Specialist, 3 years

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

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:	1081
Hours of Scheduled Work Orders Performed:	695.1

6.0 SLUDGE HANDLING

Start Date: 06/01/2022
End Date: 06/30/2022

Gallons of sludge produced and sent to thickening:	2,898,288.00
Gallons of sludge put into storage after thickening:	1,255,200.00
Sludge removed from the plant for land application:	0.00
Sludge remaining in storage as of November 30th:	2,540,000.00

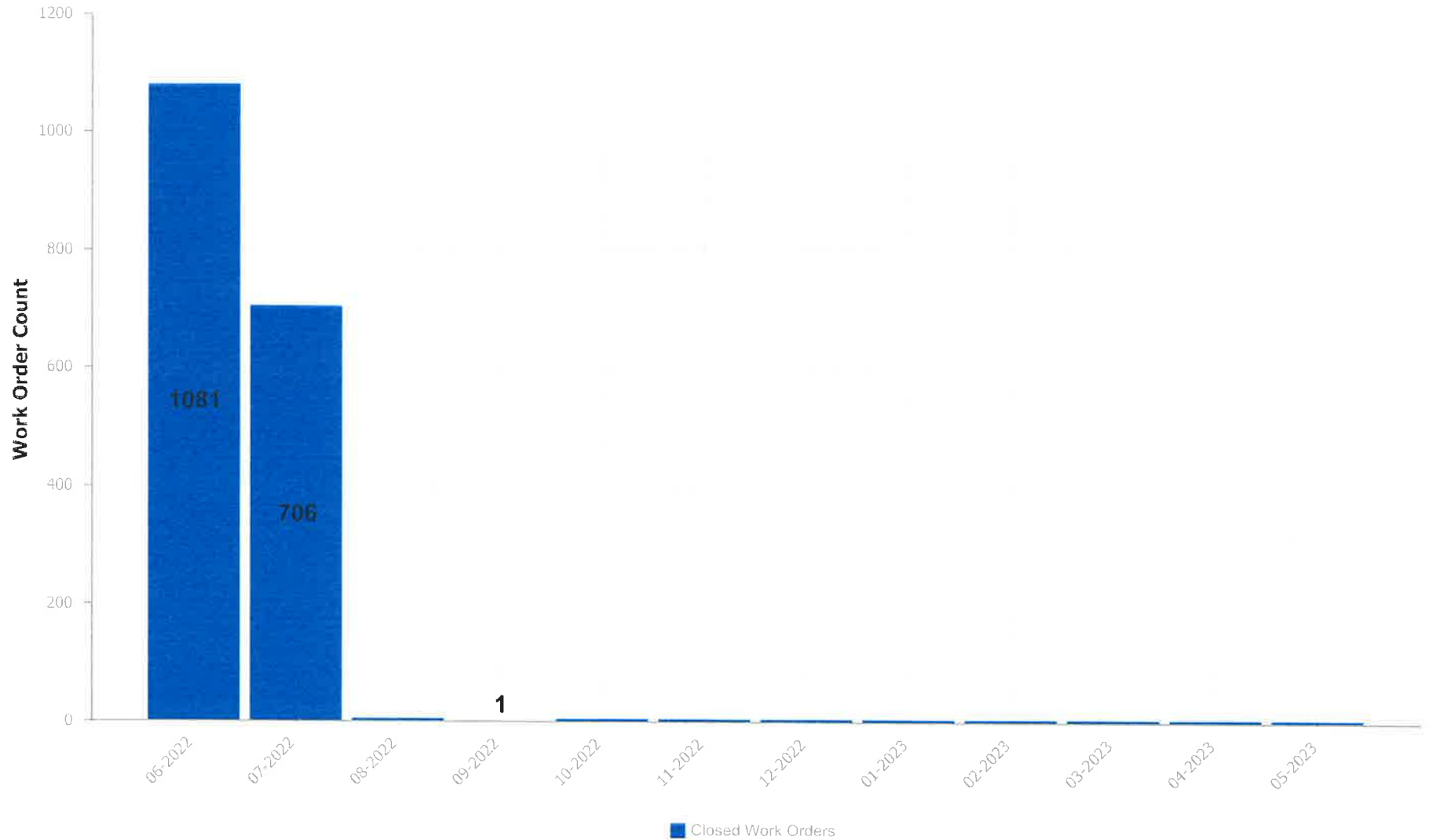
7.0 WATER USAGE

JUNE 2022 (33 DAYS): 56,400 CU FT= 421,900 GALS. = \$3,407.72

NUMBER OF DAYS IN THE BILLING CYCLE: 33

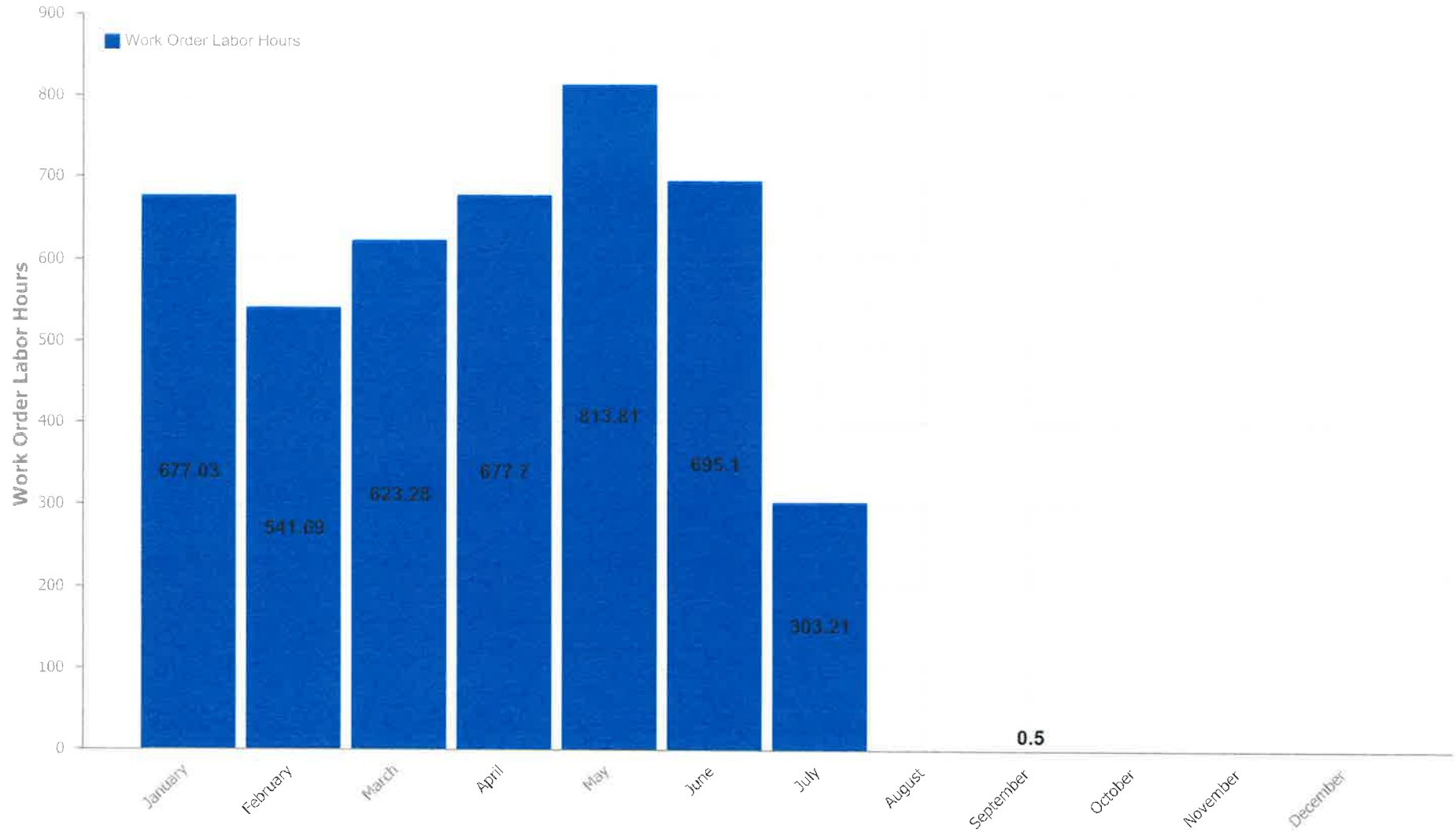
Work Orders Closed By Month

From June, 2022 to May, 2023



Work Order Labor Hours by Month

2022



ATTACHMENT

A

DMR Monthly Report

6/1/2022 to 6/30/2022

Var #	452	159	119	236	454	351	113	237	386
	EFF FLOW	001 Eff pH	FINAL EFF TSS	Weekly ave Eff TSS	EFF TSS	WeeklyAveEffTSS	EFF-C-BOD	Weekly Ave EffCBOD	EFF C-BOD
Date	MGD	STD UNIT	mg/L	MG/L	LBS/D	LBS/Day	mg/l	MG/L	lbs/day
6/1/2022	13.436	7.07	12		1,345		5		560
6/2/2022	12.591	7.32	11		1,155		5		525
6/3/2022	12.345	7.19	10		1,030				
6/4/2022	11.940		15	10	1,494	1,092	5	4	498
6/5/2022	11.569		13		1,254		4		386
6/6/2022	14.971	7.27	170		21,226		41		5,119
6/7/2022	20.805	6.97	42		7,288		8		1,388
6/8/2022	21.049	7.06	26		4,564		5		878
6/9/2022	18.486	6.86	18		2,775		6		925
6/10/2022	18.067	6.91	10		1,507				
6/11/2022	16.568		13	42	1,796	5,773	3	11	415
6/12/2022	14.709		9		1,104		3		368
6/13/2022	14.091	7.28	12		1,410				
6/14/2022	13.592	7.11	9		1,020		4		453
6/15/2022	13.235	7.08	8		883		4		442
6/16/2022	12.424	7.16	9		933		4		414
6/17/2022	12.043	7.16	5		502				
6/18/2022	11.640		2	8	194	864	3	4	291
6/19/2022	11.259		2		188		3		282
6/20/2022	11.138		4		372		4		372
6/21/2022	11.326	7.10	8		756		4		378
6/22/2022	11.081	7.19	12		1,109		3		277
6/23/2022	10.642	7.13	9		799		4		355
6/24/2022	10.303	7.20	6		516				
6/25/2022	10.743		4	6	358	585	4	4	358
6/26/2022	10.900		7		636		3		273
6/27/2022	10.199	7.13	10		851		4		340
6/28/2022	9.899	7.22	10		826		5		413
6/29/2022	9.710	7.15	10		810		4		324
6/30/2022	9.705	7.11	9		728		5		405

Minimum	9.705	6.86	2	6	188	585	3	4	273
Maximum	21.049	7.32	170	42	21,226	5,773	41	11	5,119
Average	13.016	7.13	16	17	1,981	2,079	6	6	658
Sum	390.466	149.67	485	66	59,427	8,313	143	23	16,439

Limit		Range 6-9	25	45	5213	9383	20	40	4,170
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DMR Monthly Report

6/1/2022 to 6/30/2022

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	%
6/1/2022		0.028	25	13.44	243	27,230	264	29,583	98
6/2/2022		0.028	6	12.59	263	27,617	176	18,482	98
6/3/2022		0.032	1	12.35			70	7,207	
6/4/2022	458			11.94	339	33,757	372	37,044	99
6/5/2022				11.57	187	18,043	234	22,578	98
6/6/2022		0.023	1	14.97	160	19,977	77	9,614	74
6/7/2022		0.014	51	20.81	294	51,013	259	44,940	97
6/8/2022		0.009	15	21.05	160	28,088	64	11,235	97
6/9/2022		0.035	46	18.49	172	26,518	69	10,638	97
6/10/2022		0.047	20	18.07			502	75,641	
6/11/2022	1,518			16.57	111	15,338	294	40,624	97
6/12/2022				14.71	99	12,145	62	7,606	97
6/13/2022		0.033	14	14.09			310	36,431	
6/14/2022		0.027	16	13.59	320	36,274	320	36,274	99
6/15/2022		0.006	2	13.24	220	24,284	212	23,401	98
6/16/2022		0.013	12	12.42	276	28,598	506	52,430	99
6/17/2022		0.033	11	12.04			326	32,743	
6/18/2022	394			11.64	242	23,493	289	28,055	99
6/19/2022				11.26	200	18,780	234	21,973	99
6/20/2022				11.14	223	20,715	73	6,781	98
6/21/2022		0.042	2	11.33	253	23,898	554	52,330	98
6/22/2022		0.034	12	11.08	226	20,886	122	11,275	99
6/23/2022		0.029	11	10.64	246	21,834	134	11,893	98
6/24/2022		0.035	0	10.30			65	5,585	
6/25/2022	337			10.74	340	30,463	356	31,896	99
6/26/2022				10.90	287	26,090	251	22,817	99
6/27/2022		0.020	3	10.20	364	30,962	294	25,008	99
6/28/2022		0.018	2	9.90	482	39,793	400	33,023	99
6/29/2022		0.025	19	9.71	396	32,069	418	33,850	99
6/30/2022		0.019	22	9.71	435	35,209	784	63,457	99

Minimum	337	0.006	0	9.71	99	12,145	62	5,585	74
Maximum	1,518	0.047	51	21.05	482	51,013	784	75,641	99
Average	677	0.026	14	13.02	262	26,923	270	28,147	97
Sum	2,707	0.550	291	390.47	6,538	673,071	8,091	844,413	2,432

Limit	8,340	0.05	400						
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DMR Monthly Report

6/1/2022 to 6/30/2022

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
6/1/2022	95	7.35	7.37	7.36		0.17	18.49	0.24	11.22
6/2/2022	94	7.29	7.35	7.32		0.32	33.39	0.33	
6/3/2022	86	7.25	7.32	7.29					
6/4/2022	96	7.32	7.40	7.36	7.37				
6/5/2022	94	7.35	7.42	7.39		0.20	19.59	0.20	
6/6/2022	-121	7.15	7.41	7.28		4.40	549.38	1.50	
6/7/2022	84	6.91	7.49	7.20		0.05	8.68	0.54	13.14
6/8/2022	59	7.25	7.41	7.33		0.09	16.24	0.35	
6/9/2022	74	7.28	7.48	7.38		0.05	7.71	0.28	
6/10/2022	98	7.30	7.50	7.40					
6/11/2022	96	7.36	7.55	7.46	7.35				
6/12/2022	85	7.51	7.69	7.60		0.05	6.13	0.12	
6/13/2022	96	7.38	7.55	7.47		0.46	54.06	0.16	
6/14/2022	97	7.15	7.31	7.23		2.40	272.06	0.26	
6/15/2022	96	7.07	7.29	7.18		0.38	41.94	0.21	12.38
6/16/2022	98	7.03	7.28	7.16		0.05	5.18	0.14	
6/17/2022	98	6.97	7.26	7.12					
6/18/2022	99	7.07	7.37	7.22	7.28				
6/19/2022	99	7.23	7.51	7.37					
6/20/2022	95	7.26	7.40	7.33		1.21	112.40	0.18	
6/21/2022	99	7.05	7.15	7.10		0.59	56.01	0.28	15.80
6/22/2022	90	7.04	7.14	7.09		0.25	23.47	0.27	
6/23/2022	93	6.96	7.16	7.06		0.30	26.89	0.26	
6/24/2022	91	6.98	7.21	7.10					
6/25/2022	99	7.01	7.23	7.12	7.17				
6/26/2022	97	7.09	7.32	7.21				0.20	
6/27/2022	97	7.25	7.39	7.32		1.10	93.57	0.22	
6/28/2022	98	7.19	7.22	7.21		0.44	36.41	0.25	
6/29/2022	98	6.93	7.01	6.97		0.38	30.37	0.29	5.19
6/30/2022	99	6.87	6.95	6.91		0.31	25.09	0.31	

Minimum	-121	6.87	6.95	6.91	7.17	0.05	5.18	0.12	5.19
Maximum	99	7.51	7.69	7.60	7.37	4.40	549.38	1.50	15.80
Average		7.16	7.34	7.25	7.29	0.66	71.85	0.31	11.55
Sum	2,579	214.85	220.14	217.50	29.16	13.20	1,437.05	6.60	57.73

Limit				min >5.0	>6.25	8.3	1647		
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DMR Monthly Report

6/1/2022 to 6/30/2022

Var #	1044	1048	1045	102	116	1046	1047
	Fecal Coliform at EQ Basin	EQ Basin Residual Chlorine	EQ Basin pH	EQ Basin_BOD	EQ Basin_TSS	EQ Basin Ammonia Nitrogen	EQ Basin Total Phosphorus
Date	col/100ml	mg/l		mg/L	mg/L	mg/l	mg/l
6/1/2022							
6/2/2022							
6/3/2022							
6/4/2022							
6/5/2022							
6/6/2022							
6/7/2022							
6/8/2022							
6/9/2022							
6/10/2022							
6/11/2022							
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6/30/2022							

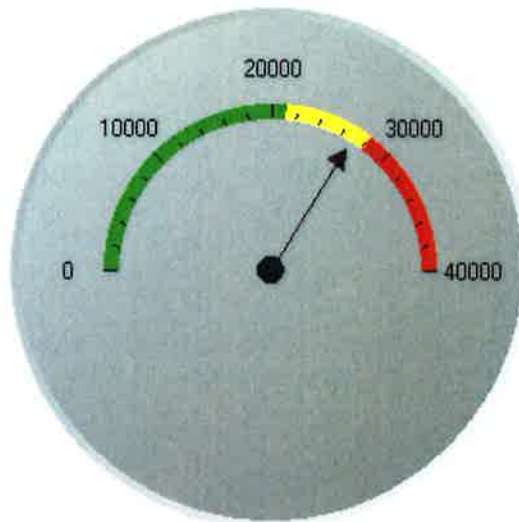
Minimum
Maximum
Average
Sum

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

26,923 Lbs./Day

06/01/2022 - 06/30/2022

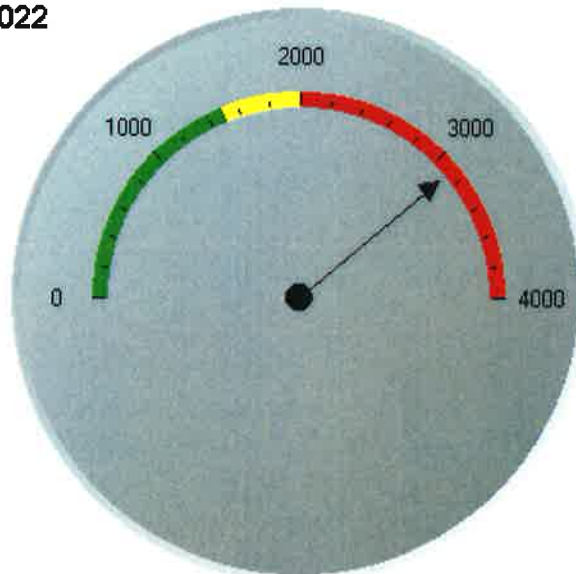


0 to 21150 - Target Loading
21150 to 28200 - Above 75% Threshold
Above 28200

Influent NH3 loading Lbs - Monthly AVG

3,114 Lbs./Day

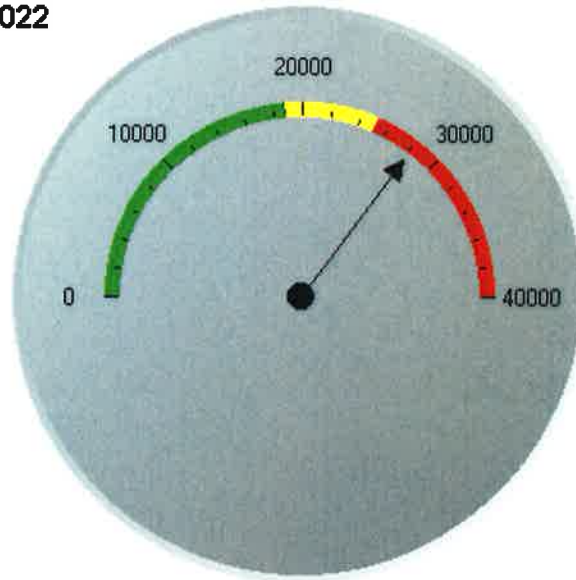
06/01/2022 - 06/30/2022



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

Influent TSS loading Lbs - Monthly AVG
06/01/2022 - 06/30/2022

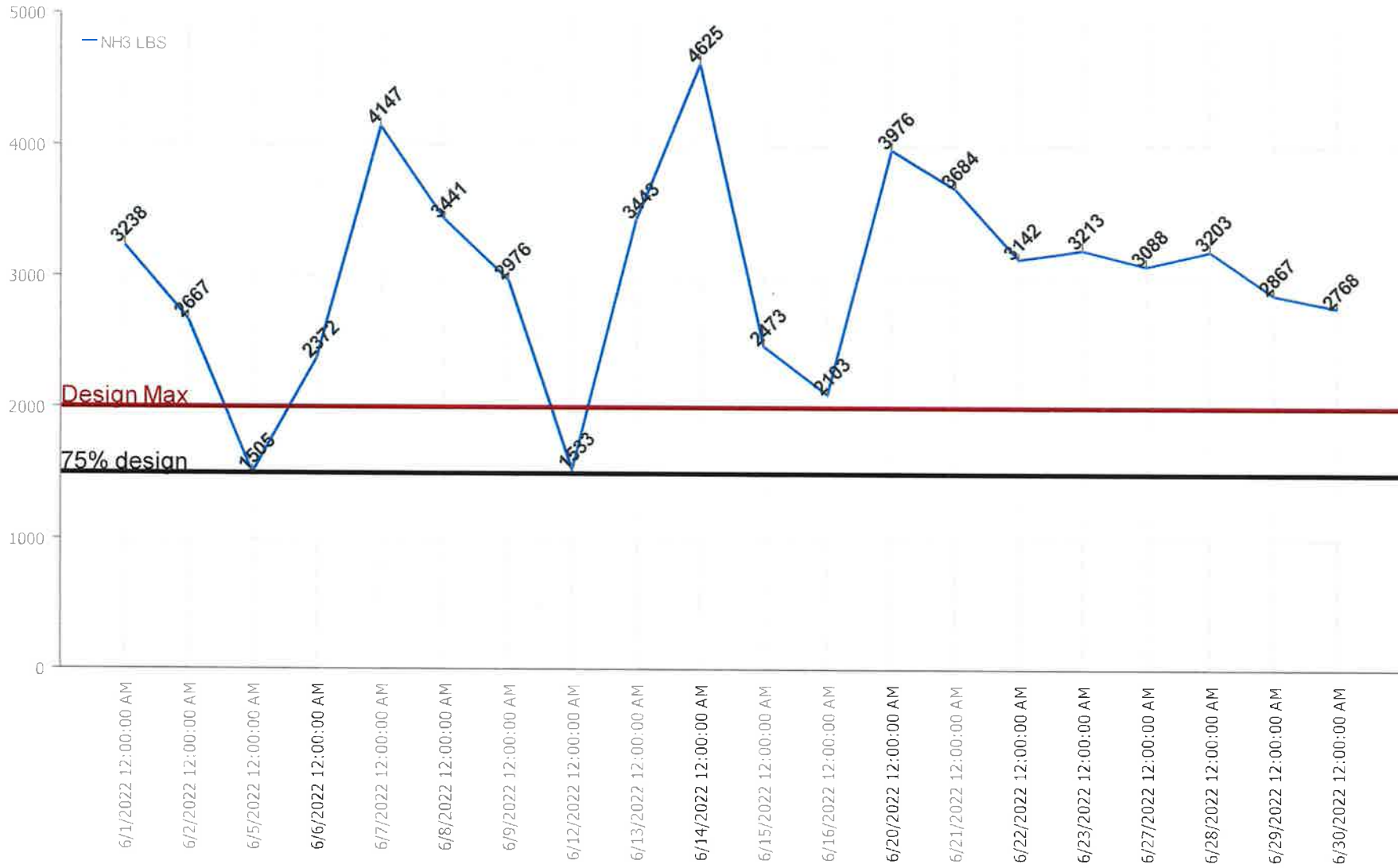
28,147 Lbs./Day



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

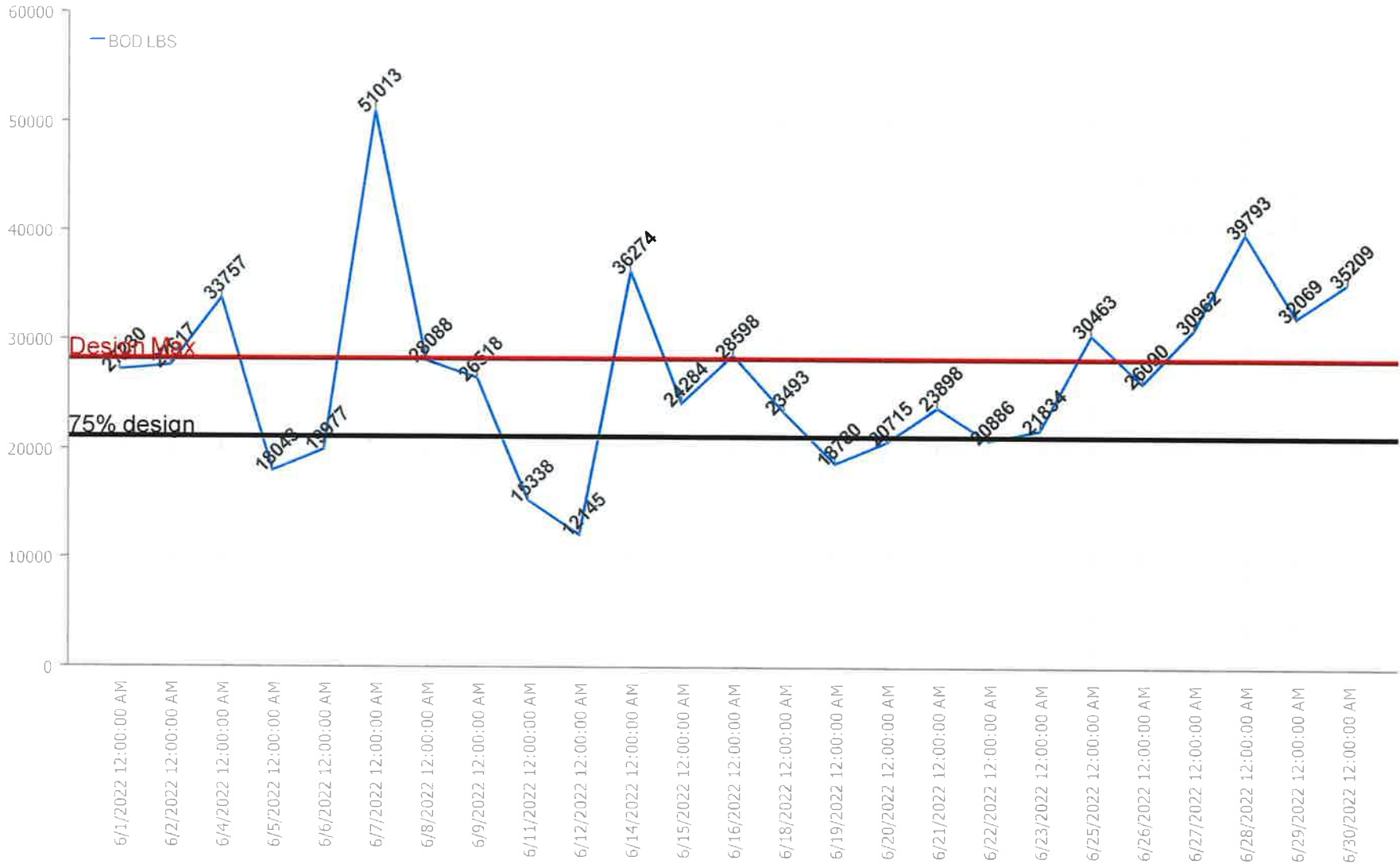
KRMA influent NH3 pounds

Average Lbs. NH3: 3,023.20



KRMA influent BOD pounds

Average Lbs. BOD: 26,922.96



ATTACHMENT

B

ATTACHMENT

C



SAFETY MEETING
July 12, 2022
9:30am & 1:30pm
Agenda

I. Safety Minutes

Review minutes from June 2022

II. Old Business

There were no lost time accidents for the month of June 2022

III. New Business

A. Safety Training

1. Good Housekeeping: Everyone's Responsibility
2. Ladder safety

B. Safety Concerns

C. Safety Team Leader Report

D. Open Discussion

Next Meeting: Thursday, August 11, 2022 9:30am & 1:30pm



SAFETY MEETING
June 9, 2022
9:30am & 1:30pm
Minutes

In attendance:

9:30am session:

Melanie Gossett, Facilitator

Dan Combs	Shaun Ownbey	Nick Scheppler	Mike Gowler
Nick Tucker	Andy Summers		

1:30pm session:

Melanie Gossett, Facilitator

Jack Renchen	Shawn Malone	Jim Churney	Ron Haney
Josh Peters	Bryan Kennedy	Max Gossett	Mike Arseneau
Alex Bowser	RJ Tyson		

Absent:

John Lund, Brian Power

I. Safety Minutes

Reviewed minutes from May 10, 2022 – Approved

II. Old Business

There were no lost time accidents reported for the month of May 2022.

III. New Business

A. Safety Training

1. IPRF Training video *Confined Space and the Entry Permit System* was presented (CEU#12972)
2. Safety Manual-Section K (pgs. 21-23) Confined Space Entry Policy and Procedure was reviewed.
3. The procedure to create a Confined Space Entry permit within the VUEworks system was discussed.

B. Safety Concerns

1. The used oil stored in 55 gallon barrels in the pole barn need to be removed.
 - ✓ All totes will be emptied, leaving 3 for future waste oil, anti-freeze and other liquids.
 - ✓ Plastic barrels will be disposed of.
 - ✓ Remaining steel barrels will be emptied and crushed.
2. Can the volume on the alarm inside Bldg. #85 be turned down?
 - ✓ Volume has been adjusted.
3. Can KRMA provide a list of those areas that require a Confined Space Entry permit?
 - ✓ Permit requirements will be added to W.O.s if necessary.
4. The cold storage pole barn needs a padlock.
 - ✓ The locks have all been replaced with Blue American Locks (same as the other entry areas along perimeter with the exception of the south gate and the far southwest pedestrian gate).
5. The alarm acknowledgement button in Bldg. #20 does not work.
 - ✓ Operators must log into SCADA and acknowledge in order to stop alarm.
6. Can a hoist be used to lower a harnessed employee?
 - ✓ OSHA Guidance:
1926.1431(a)
The use of equipment to hoist employees is prohibited except where the employer demonstrates that the erection, use, and dismantling of conventional means of reaching the work area, such as a personnel hoist, ladder, stairway, aerial lift, elevating work platform, or scaffold, would be more hazardous, or is not possible because of the project's structural design or worksite conditions.

C. Safety Team Report

1. Team leader responsibilities transferred from Nick Tucker to RJ Tyson.
2. The fire extinguishers in the white barn are expired.
 - ✓ Fire extinguishers have all been charged and are ready for use.

D. Open Discussion

1. The proposed CEU opportunity from the Cl₂/SO₂ training with Alexander Chemical is pending.
2. Everyone with a Class 3 or 4 Wastewater license were reminded that they need to have 15 Credit hours by June 30th, 11:59pm.

3. Those participating in the KRMA weight challenge will have the halfway through weigh-in on July 12th or 14th (depending on initial weigh-in). The final weigh in is on October 11th or 13th.

Next Meeting: **Tuesday, July 12, 2022**
9:30am and 1:30pm

ATTACHMENT

D

FIELD CALIBRATION SHEET

COMPANY: KRMA

CITY: KANKAKEE/BROOKMONT

FLOW METER MODEL: ISCO Signature

INFLUENT July 5th, 2022

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? 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 24.125" Level 23.090"

LEVEL AFTER: 24.120"

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 7/5/2022

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 July 5th, 2022

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 Reset Scan rate to 3 XPS-10 head starting to give intermittent readings KRMA will order two new heads and will install when they arrive

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 19.87 MGD

LEVEL AFTER: 19.93 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: 7/5/2022

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 July 5th, 2022

PRIMARY DEVICE: PHARSHAL

FLOW: 0-21.36

MEASURING DEVICE: ULTRASONIC

CHECK POINTS:

LEVEL? YES

FREE FLOWING? Yes

TURBULENCE? Yes

BLOCKAGE? NO

SURFACE BUILD-UP? NONE

HEAD MEASURING DEVICE MOUNTED PROPERLY? YES

BLOCKAGE IN HEAD MEASURING DEVICE? NO

IS FLOW METER PROGRAMMED CORRECTLY? YES

CALIBRATION:

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

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

LEVEL BEFORE:

LEVEL AFTER:

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

LEVEL BEFORE: Target 8.0" Level reading 8.160"

LEVEL AFTER: 8.050"

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: 7/5/2022

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 July 5th, 2022

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 20.0 MGD AS Found 19.87 MGD

LEVEL AFTER: 19.95 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: 7/5/2022

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 July 5th, 2022

PRIMARY DEVICE: PHARSHAL

FLOW: 0-516 GPM 0-13.20 IN

MEASURING DEVICE: ULTRASONIC

CHECK POINTS:

LEVEL? YES

FREE FLOWING? No Grease ball stuck in throat of flume-Cleaned

TURBULENCE? NO

BLOCKAGE? YES

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 24.160"

LEVEL AFTER: 24.125"

LEVEL FLOW CONVERSION CHECK:

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

TOTALIZER CHECK:

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

CALIBRATED BY: Brian Scheppler

DATE: 7/5/22

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 July 13th, 2022

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 42.5" As found 42.55"

LEVEL AFTER: 42.55"

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: 7/13/2022

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 July 13th, 2022

PRIMARY DEVICE: 36" PIPE

FLOW: 0-21.36 MGD

MEASURING DEVICE:

CHECK POINTS:

LEVEL? YES

FREE FLOWING? Yes

TURBULENCE? NO

BLOCKAGE? NO

SURFACE BUILD-UP? None

HEAD MEASURING DEVICE MOUNTED PROPERLY? YES

BLOCKAGE IN HEAD MEASURING DEVICE? NO

IS FLOW METER PROGRAMMED CORRECTLY? YES

CALIBRATION:

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

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

LEVEL BEFORE:

LEVEL AFTER:

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

LEVEL BEFORE: Target level 11.00" As found 11.382"

LEVEL AFTER: 10.900" No adjustments made due to ISCO recommendations

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: 7/13/2022

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

ATTACHMENT
E

June 2022 Monthly Pretreatment Sample Analysis (metals, cyanide & VOA) for the permitted industries were a total of **104 samples** and a total of **548 analyses**.

Gilster-Mary Lee Corporation	7 Samples
Hoffman Transportation, LLC	5 Samples
Liberty Landfill, LLC	12 Samples
Livingston Landfill	6 Samples
Natural Gas & Pipeline Co. of America	4 Samples
Newton County Landfill	15 Samples
Peoria Packing Co.	1 Sample
Prairie View RDF	7 Samples
Tank Cleaning Solutions, LLC	40 Samples
Verdant Specialty Solutions US LLC	6 Samples
Zutat Feed Solutions	1 Sample

Volumes Received for June 2022 for trucked-in industries.

Gilster-Mary Lee Corporation	62,000 gals	11 loads
Hoffman Transportation, LLC	95,000 gals	19 loads
Kankakee Recycling & Disposal Facility	0 gals	0 loads
Lake County C&D Landfill	0 gals	0 loads
Laraway Recycling & Disposal Facility	0 gals	0 loads
Liberty 3 LFGTE Plant - Wabash Valley Power Alliance	0 gals	0 loads
Liberty Landfill, LLC	1,164,068 gals	174 loads
Livingston Landfill	197,366 gals	30 loads
Momence Packing	0 gals	0 loads
Natural Gas & Pipeline Co. of America	20,000 gals	4 loads
Newton County Landfill	914,338 gals	133 loads
Peoria Packing Co.	11,500 gals	2 loads
Prairie View RDF	204,094 gals	39 loads
Prairie View- Will County RNG Plant	0 gals	0 loads
Tank Cleaning Solutions, LLC	206,884 gals	41 loads
Verdant Specialty Solutions US LLC	76,791 gals	14 loads
Zutat Feed Solutions	6,000 gals	1 load
Totals:	2,958,041 gals	468 loads

The KRMA Facility received a total of **210 loads** of septage which totalled **673,300 gallons** for the month of June 2022

KRMA YEARLY UTILITY USAGE - (2022)

	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	926,221	33	\$ 48,890	\$ 1,482	-	226,815	699,406	1,169	\$ 0.0528	320,300	29	\$ 2,632	11,045	91
FEBRUARY	874,128	30	\$ 48,209	\$ 1,607	-	214,428	659,700	1,214	\$ 0.0552	307,600	28	\$ 2,558	10,986	91
MARCH	896,607	30	\$ 47,153	\$ 1,572	-	241,821	654,786	1,245	\$ 0.0526	384,800	33	\$ 3,173	11,661	96
APRIL	972,082	30	\$ 51,107	\$ 1,704	-	241,821	730,261	1,350	\$ 0.0526	347,700	29	\$ 2,939	11,990	101
MAY	836,456	30	\$ 17,168	\$ 572	-	218,621	617,835	1,162	\$ 0.0205	394,800	30	\$ 3,236	13,160	108
JUNE	198,502	33	\$ 25	\$ 1	-	198,450	52	251	\$ 0.0001	421,900	33	\$ 3,408	12,785	103
JULY	0			#DIV/0!	-			#DIV/0!	#DIV/0!				#DIV/0!	#DIV/0!
AUGUST	0			#DIV/0!	-			#DIV/0!	#DIV/0!				#DIV/0!	#DIV/0!
SEPTEMBER	0			#DIV/0!	-			#DIV/0!	#DIV/0!				#DIV/0!	#DIV/0!
OCTOBER	0			#DIV/0!	-			#DIV/0!	#DIV/0!				#DIV/0!	#DIV/0!
NOVEMBER	0			#DIV/0!	-			#DIV/0!	#DIV/0!				#DIV/0!	#DIV/0!
DECEMBER	0			#DIV/0!	-			#DIV/0!	#DIV/0!				#DIV/0!	#DIV/0!
TOTAL	4,703,995	186	\$ 212,550	#DIV/0!	0	1,341,956	3,362,039	#DIV/0!	#DIV/0!			\$ 17,946	#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	51,246	31	\$ 37,075	1653	\$ 1,196
FEBRUARY	43,653	28	\$ 37,415	1559	\$ 1,336
MARCH	35,597	31	\$ 4,867	1148	\$ 157
APRIL	28,698	31	\$ 19,547	926	\$ 631
MAY	14,086	32	\$ 10,261	440	\$ 321
JUNE	9,996	31	\$ 8,917	322	\$ 288
JULY				#DIV/0!	#DIV/0!
AUGUST				#DIV/0!	#DIV/0!
SEPTEMBER				#DIV/0!	#DIV/0!
OCTOBER				#DIV/0!	#DIV/0!
NOVEMBER				#DIV/0!	#DIV/0!
DECEMBER				#DIV/0!	#DIV/0!
TOTAL	183,276	184	\$ 118,081	#DIV/0!	#DIV/0!
	Therms	Days	Total Cost \$/Billing Period	Therms/Day	Total Cost \$/day



Annual Load / Gallon Totals

2022

1600 West Brookmont Blvd
Kankakee, IL 60907
Phone: 815-933-0444
Fax: 815-933-0104

	Glitter-Mary Lee Corporation	Hoffman Transportation, LLC	Kankakee Recycling & Disposal Facility	Lake County C&D Landfill	Laraway Recycling & Disposal Facility	Liberty 3 LFGTE Plant - Wabasha Valley Power Alliance	Liberty Landfill, LLC	Linton Landfill	Momence Packing	Natural Gas & Pipeline Co. of America	Newton County Landfill	Paolia Packing Co.	Prairie View RDF	Tank Cleaning Solutions, LLC	Verdant Specialty Solutions US LLC	Zula Feed Solutions	Total	# Loads
January	28,000	15,000					1,208,778	146,664		35,000	1,181,402		115,368	196,412		12,000	2,938,624	458
February	58,000		14,000				1,318,935	158,796	7,000	60,000	896,898		118,370	183,522		12,000	2,827,521	449
March	96,000	65,000			5,683		1,498,168	207,236	53,000	115,000	1,041,338		323,444	198,195	71,715	36,000	3,710,779	601
April	42,000	40,000	14,000				1,303,356	158,234	60,300	75,000	995,618		304,706	198,904	77,697	30,000	3,299,815	524
May	68,000	55,000					1,108,083	125,314	18,000	65,000	927,230		241,557	205,067	94,429	18,000	2,925,680	466
June	62,000	95,000					1,164,068	197,366		20,000	914,338	11,500	204,094	206,884	76,791	6,000	2,958,041	468
July																		
August																		
September																		
October																		
November																		
December																		
Totals	354,000	270,000	28,000		5,683		7,601,388	993,610	138,300	370,000	5,956,824	11,500	1,307,539	1,188,984	320,632	114,000	18,660,460	2,966
Average	59,000	45,000	5,600		1,136		1,266,898	165,601	34,575	61,666	992,804	1,916	217,923	198,164	53,438	19,000	3,110,077	494
reatment Costs as of 05/01/22	0.086	0.059	0.059	0.056	0.059	0.059	0.059	0.056	0.086	0.086	0.08	0.086	0.059	0.086	0.138	0.082		
reatment Costs as of 05/01/21	0.082	0.056	0.056	0.049	0.056	0.056	0.056	0.049	0.082	0.082	0.056	0.082	0.056	0.082	0.131	0.071		



**Monthly TSS/BOD
Loading Report**
June, 2022

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	62,000	2,057	2,739
Hoffman Transportation, LLC	95,000	78	1,582
Liberty Landfill, LLC	1,164,068	965	18,140
Livingston Landfill	197,366	1,842	16,602
Natural Gas & Pipeline Co. of America	20,000	6	13
Newton County Landfill	914,338	16,709	138,988
Peoria Packing Co.	11,500	87	170
Prairie View RDF	204,094	11,988	22,988
Tank Cleaning Solutions, LLC	206,884	361	2,650
Verdant Specialty Solutions US LLC	76,791	432	12,248
Zutat Feed Solutions	6,000	518	654
Totals:	2,958,041	35,042	216,773

IV-C-3

Kankakee Flows				Bradley Flows				Bourbonnais Flows				Aroma Park Flows					
YTD Actual Flows	Actual Flows	% of Total	Estimated %	YTD Actual Flows	Actual Flows	% of Total	Estimated %	YTD Actual Flows	Actual Flows	% of Total	Estimated %	YTD Actual Flows	Actual Flows	% of Total	Estimated %	TOTALS	TOTALS
5/31/2020	789,460	69.59%	64.37%	164,256	164,256	14.48%	13.22%	177,175	177,175	15.62%	22.09%	3,597	3,597	0.32%	0.32%	1,134,488	1,000
6/30/2020	1076,880	64.89%	64.37%	221,396	57,140	12.90%	13.22%	274,153	96,978	21.89%	22.09%	5,022	1,425	0.32%	0.32%	442,963	1,000
7/31/2020	1362,330	61.84%	64.37%	284,103	62,707	13.59%	13.22%	386,186	112,033	24.27%	22.09%	6,391	1,369	0.30%	0.32%	461,559	1,000
8/31/2020	1564,720	63.60%	64.37%	315,787	31,684	9.96%	13.22%	469,109	82,923	26.06%	22.09%	7,612	1,221	0.38%	0.32%	318,218	1,000
9/30/2020	1750,230	60.84%	64.37%	350,402	34,615	11.35%	13.22%	552,734	83,625	27.43%	22.09%	8,760	1,148	0.38%	0.32%	304,898	1,000
10/31/2020	1928,540	61.69%	64.37%	381,570	31,168	10.78%	13.22%	631,131	78,397	27.13%	22.09%	9,906	1,146	0.40%	0.32%	289,021	1,000
11/30/2020	2100,530	60.39%	64.37%	411,927	30,357	10.66%	13.22%	712,454	81,323	28.56%	22.09%	11,018	1,112	0.39%	0.32%	284,782	1,000
12/31/2020	2290,440	60.13%	64.37%	448,455	36,528	11.56%	13.22%	800,681	88,227	27.93%	22.09%	12,204	1,186	0.38%	0.32%	315,851	1,000
1/31/2021	2504,930	59.77%	64.37%	488,313	39,858	11.11%	13.22%	903,640	102,959	28.69%	22.09%	13,732	1,528	0.43%	0.32%	358,835	1,000
2/28/2021	2741,880	62.40%	64.37%	530,226	41,913	11.04%	13.22%	1003,243	99,603	26.23%	22.09%	14,996	1,264	0.33%	0.32%	379,730	1,000
3/31/2021	3027,860	57.99%	64.37%	597,803	67,577	13.70%	13.22%	1141,533	138,290	28.04%	22.09%	16,321	1,325	0.27%	0.32%	493,172	1,000
4/30/2021	3279,530	64.42%	64.37%	639,472	41,669	10.67%	13.22%	1237,733	96,200	24.62%	22.09%	17,450	1,129	0.29%	0.32%	390,668	1,000
	3279,530	63.383%	64.37%	639,472	639,472	12.359%		1237,733	1237,733	23.921%		17,450	17,450	0.337%		5174,185	12,000
Kankakee Flows				Bradley Flows				Bourbonnais Flows				Aroma Park Flows					
YTD Actual Flows	Actual Flows	% of Total	Estimated %	YTD Actual Flows	Actual Flows	% of Total	Estimated %	YTD Actual Flows	Actual Flows	% of Total	Estimated %	YTD Actual Flows	Actual Flows	% of Total	Estimated %	TOTALS	TOTALS
5/31/2021	346,570	65.99%	63.38%	60,497	60,497	11.52%	12.36%	116,826	116,826	22.24%	23.92%	1,290	1,290	0.25%	0.34%	525,183	1,000
6/30/2021	634,090	66.76%	63.38%	103,540	43,043	9.99%	12.36%	215,789	98,963	22.98%	23.92%	2,460	1,170	0.27%	0.34%	430,696	1,000
7/31/2021	930,320	70.61%	63.38%	137,501	33,961	8.10%	12.36%	304,021	88,232	21.03%	23.92%	3,562	1,102	0.26%	0.34%	419,525	1,000
8/31/2021	1162,810	67.69%	63.38%	166,666	29,165	8.49%	12.36%	384,716	60,695	23.49%	23.92%	4,699	1,137	0.33%	0.34%	343,487	1,000
9/30/2021	1369,410	66.65%	63.38%	193,616	26,950	8.69%	12.36%	460,262	75,546	24.37%	23.92%	5,600	0,901	0.29%	0.34%	309,997	1,000
10/31/2021	1787,590	67.50%	63.38%	265,529	71,913	11.61%	12.36%	587,784	127,522	20.58%	23.92%	7,475	1,875	0.30%	0.34%	619,490	1,000
11/30/2021	2068,130	65.59%	63.38%	314,880	49,351	11.54%	12.36%	684,120	96,336	22.52%	23.92%	8,937	1,462	0.34%	0.34%	427,689	1,000
12/31/2021	2315,330	60.47%	63.38%	362,817	47,937	11.73%	12.36%	796,476	112,356	27.48%	23.92%	10,246	1,309	0.32%	0.34%	408,802	1,000
1/31/2022	2567,800	64.39%	63.38%	408,584	45,767	11.67%	12.36%	899,113	92,637	23.63%	23.92%	11,455	1,209	0.31%	0.34%	392,083	1,000
2/28/2022	2952,230	66.67%	63.38%	471,548	62,964	10.92%	12.36%	1016,840	127,727	22.15%	23.92%	12,972	1,517	0.26%	0.34%	576,638	1,000
3/31/2022	3301,220	61.44%	63.38%	539,845	68,297	12.02%	12.36%	1165,653	148,813	26.20%	23.92%	14,880	1,908	0.34%	0.34%	568,008	1,000
4/30/2022	3673,760	63.95%	63.38%	608,424	68,579	11.77%	12.36%	1305,059	139,406	23.93%	23.92%	16,901	2,021	0.35%	0.34%	582,546	1,000
	3673,760	65.554%	63.38%	608,424	608,424	10.857%		1305,059	1305,059	23.287%		16,901	16,901	0.302%		5604,144	12,000
Kankakee Flows				Bradley Flows				Bourbonnais Flows				Aroma Park Flows					
YTD Actual Flows	Actual Flows	% of Total	Estimated %	YTD Actual Flows	Actual Flows	% of Total	Estimated %	YTD Actual Flows	Actual Flows	% of Total	Estimated %	YTD Actual Flows	Actual Flows	% of Total	Estimated %	TOTALS	TOTALS
5/31/2022	327,190	63.29%	65.55%	59,684	59,684	11.54%	10.86%	128,467	128,467	24.85%	23.29%	1,632	1,632	0.32%	0.30%	516,973	1,000
6/30/2022	589,310	67.13%	65.55%	36,566	36,566	9.36%	10.86%	90,737	90,737	23.24%	23.29%	1,047	1,047	0.27%	0.30%	390,470	1,000
7/31/2022	589,310	0.00%		36,566		0.00%		90,737		0.00%		1,047		0.00%		0,000	0,000
8/31/2022	589,310	0.00%		36,566		0.00%		90,737		0.00%		1,047		0.00%		0,000	0,000
9/30/2022	589,310	0.00%		36,566		0.00%		90,737		0.00%		1,047		0.00%		0,000	0,000
10/31/2022	589,310	0.00%		36,566		0.00%		90,737		0.00%		1,047		0.00%		0,000	0,000
11/30/2022	589,310	0.00%		36,566		0.00%		90,737		0.00%		1,047		0.00%		0,000	0,000
12/31/2022	589,310	0.00%		36,566		0.00%		90,737		0.00%		1,047		0.00%		0,000	0,000
1/31/2023	589,310	0.00%		36,566		0.00%		90,737		0.00%		1,047		0.00%		0,000	0,000
2/28/2023	589,310	0.00%		36,566		0.00%		90,737		0.00%		1,047		0.00%		0,000	0,000
3/31/2023	589,310	0.00%		36,566		0.00%		90,737		0.00%		1,047		0.00%		0,000	0,000
4/30/2023	589,310	0.00%		36,566		0.00%		90,737		0.00%		1,047		0.00%		0,000	0,000
	589,310	64.942%		96,250	96,250	10.607%		219,204	219,204	24.156%		2,679	2,679	0.295%		907,443	2,000

Flows
KRMA Treatment Facility
June, 2022

Date	PRECIPITA INCHES	PLANT MGD	Kankakee MGD	BOURB. MGD	BradleyFlow MGD	AromaPark MGD
6/1/2022	0.06	13.44	8.94	3.183	1.271	0.039
6/2/2022	0.00	12.59	8.37	3.122	1.065	0.035
6/3/2022	0.00	12.35	8.34	3.013	0.960	0.037
6/4/2022	0.00	11.94	8.04	2.843	1.022	0.037
6/5/2022	0.00	11.57	7.55	2.887	1.097	0.037
6/6/2022	2.22	14.97	9.07	3.636	2.224	0.043
6/7/2022	0.00	20.81	11.82	6.308	2.632	0.044
6/8/2022	0.45	21.05	13.96	4.506	2.534	0.045
6/9/2022	0.00	18.49	12.19	3.988	2.263	0.041
6/10/2022	0.00	18.07	12.47	3.465	2.097	0.039
6/11/2022	0.00	16.57	11.27	3.422	1.835	0.039
6/12/2022	0.15	14.71	9.76	3.330	1.583	0.039
6/13/2022	0.00	14.09	9.72	3.158	1.175	0.035
6/14/2022	0.00	13.59	9.45	3.048	1.056	0.035
6/15/2022	0.00	13.24	9.28	2.941	0.981	0.035
6/16/2022	0.00	12.42	8.64	2.809	0.940	0.032
6/17/2022	0.00	12.04	8.45	2.660	0.898	0.034
6/18/2022	0.00	11.64	8.17	2.574	0.861	0.034
6/19/2022	0.00	11.26	7.82	2.521	0.885	0.034
6/20/2022	0.00	11.14	7.66	2.586	0.871	0.034
6/21/2022	0.00	11.33	7.95	2.503	0.838	0.032
6/22/2022	0.00	11.08	7.76	2.470	0.820	0.031
6/23/2022	0.00	10.64	7.43	2.387	0.799	0.028
6/24/2022	0.00	10.30	7.07	2.388	0.812	0.030
6/25/2022	0.37	10.74	6.88	2.784	1.045	0.030
6/26/2022	0.00	10.90	7.31	2.715	0.845	0.030
6/27/2022	0.00	10.20	6.89	2.471	0.808	0.030
6/28/2022	0.00	9.90	6.73	2.358	0.779	0.029
6/29/2022	0.00	9.71	6.59	2.339	0.756	0.028
6/30/2022	0.00	9.71	6.54	2.322	0.815	0.031
Total	3.25	390.47	262.12	90.737	36.586	1.047
Average	0.11	13.02	8.74	3.025	1.219	0.035
Minimum	0.00	9.71	6.54	2.322	0.756	0.028
Maximum	2.22	21.05	13.96	6.308	2.632	0.045
# of data	30	30	30	30	30	30