

AGENDA

KANKAKEE RIVER METROPOLITAN AGENCY MEETING Tuesday, June 16, 2020 At 3PM

Location: REMOTE MEETING HELD VIA TELECONFERENCE/VIDEO CONFERENCE
(As permitted by Governor Pritzker's Executive Order 2020-07)

Directors, staff, participants and the public may participate in the teleconference by dialing United States: +1 (872) 240-3212 when prompted enter conference PIN Access Code: 318-571-101

The public will be offered an opportunity to speak during the public comment portion per the agenda below.

I. Roll Call

II. Public Comment

III. Approval of Board Minutes

A. May 19, 2020 – Regular Board Meeting

IV. Reports

- A. Operations & Maintenance Report
 - 1. Monthly Report
- 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

V. Old Business

- A. E-waste Update
- B. Software Update
- C. Blowers Update
- D. Summer Help
- E. NPDES- CMOM Report
- F. Employee Health Insurance
- G. ACH Transfer/Payments

VI. New Business

- A. Approval of Agreement with Strand and Associates for Planning Services Related to Capacity and Operations Needs Review
- B. Award of Contract for “2020 Hot Mix Asphalt Road Repairs – KRMA Plant” for road paving under Road Program
- C. Legislative Update

VII. Executive Session

- A. Personnel & Probable or Imminent Litigation

VIII. Next Meeting

Tuesday, July 21, 2020 (3:00 P.M. in KRMA Boardroom)

**KANKAKEE RIVER METROPOLITAN AGENCY
MINUTES
May 19, 2020 - 3:00 P.M**

In attendance:

VIA REMOTE MEETING HELD THRU GOTOMEETING.COM

Board of Directors:

Mayor Chasity Wells-Armstrong, City of Kankakee
Mayor Paul Schore, Village of Bourbonnais
Mayor Brian Stump, Village of Aroma Park
Dir Robert Romo, Village of Bradley
Alderman Carl Brown, City of Kankakee
Marc Wakat, Representative, City of Kankakee
Elizabeth Kubal, Representative, City of Kankakee

Administration:

Dave Tyson, KRMA Executive Director
Larry Ohm, Smith, Koelling, Dykstra & Ohm, P.C.
Karen Benson, Smith, Koelling, Dykstra & Ohm, P.C.
Daniel Small, Strand Associates
Scott Stearns, Strand Associates
Suzie Werner, Homestar Insurance Services

Attorney:

Neal Smith, Robbins Schwartz

KRMA Staff:

Arthur Strother, Superintendent
Dustin Scheppler, Asst. Superintendent, Operations
Melanie Gossett, Asst. Superintendent, Technical Services

Chairperson Mayor Wells-Armstrong called the meeting to order.

I. **Roll Call**

Roll Call was taken. All Board members were present except for Dir Romo via gotomeeting.com.

II. **Election of Officers for FY 2020-2021**

Motion to approve to re-elect all current officers for the FY 2020-2021 was made by Dir Schore and seconded by Dir Wakat. Six voted in favor, 1 was absent. Motion Carries.

III. **Public Comment**

None.

IV. **Approval of Board Minutes**

- A. **April 21, 2020 – Regular Board Meeting** – Motion to approve the April 21, 2020 Regular Board Meeting minutes was made by: Dir. Stump and seconded by Dir Brown. Six voted in favor, 1 was absent. Motion Carries.
- B. **April 28, 2020 – Special Board Meeting** – Motion to approve the April 28, 2020 Special Board Meeting minutes was made by: Dir. Kubal and seconded by Dir Wakat. Six voted in favor, 1 was absent. Motion Carries.

V. **Reports**

A. **Operations & Maintenance Report**

1. **Monthly Report**

Art stated for the month of April KRMA had 4 excursions to the Kankakee river which were TSS(Total Suspend Solid), BOD(Biochemical Oxygen Demand), pH, and Ammonia which was a violation and those reports have been reported to the State.

B. **Executive Director Report**

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

Exec. Dir. Dave Tyson presented the utility sheet, Water usage was a little bit higher because we're doing a lot of cleaning of the facility and equipment. Everything else seem to be in line.

2. **Hauled In Waste Summary**

Exec. Dir. Tyson stated, our Hauled In Waste is still high and looks very strong and continues to be strong.

3. **Operations Report**

Exec Dir Dave Tyson stated we've been talking about a five-year plan. We have met and talked to different people. We were impressed with Dan Small with Strand Associate, therefore we asked Dan to make a small presentation to help KRMA decide how we want to move forward.

- a. Dan Small and Scott Stearns explained the small presentation stating the capacity evaluation will identify opportunities to provide cost effective service for the existing users as well as future need.

Director Romo joined the board meeting

Art added, referring back to the MOR, stating the excursions that we had happened the last Tuesday of the month, stating the reasons why and how heavy rain effects the plant as well when it comes to flows and loads. Dan small continues, explaining the graph in his presentation stating the industry and hauled waste has doubled in the last 10 years. Dir Wakat asked what is the percentage of BOD from the hauled in waste and is it a big percentage of the plant? Dan answered, it's a small percentage of the flow, however, Newton County flow is concentrated load coming in is almost half of the total influent load coming into the plant, therefore, it's pretty significant. Art joins in explaining the calculation of load concentration per pound that comes into the plant. Dir Romo asked is it worth accepting Newton County loads compared to expanding our plant and what percentage of the capacity are they using? Dan answered based on the improvement from 2015 there was a little bit of capacity remaining and KRMA seeked the opportunity to allow Newton County to use the capacity to build revenue to help build user rate number. Also, Newton County is using almost half of the capacity as of 2019-2020. Dir Romo asked how long it will take to put this study together. Dan & Scott both stated 3 to 6 months depending on the municipalities getting their questionnaire turned in getting good feedback from the communities. Motion to approve request for a proposal from Stand Associates was made by Dir Schore and seconded by Dir Stump. All voted in favor.

Exec Dir Tyson also asked for the board to vote on a contract to hire Strand Associates to oversee the blower's installation this summer. Exec Dir Tyson stated that Strand Associates did agree to the changes that were asked of them and not to exceed \$48,000. Motion to approve was made by Dir Schore and seconded by Dir Brown. All voted in favor.

C. **Financial Report**

1. **Reports**

Larry Ohm shared his departing speech, acknowledging Karen Benson as the board's new primary person. Karen Benson stated that the financial report is stamped as draft because it is our fiscal year end and we have known audit and year-end adjustments that they are in the process of making. In the meantime, cash appears to stay strong. Revenues and expenses show for the fiscal year we are well over budget.

2. **Hauled in waste report**

Karen Benson stated the Hauled In Waste helps with our revenue which reflects high. Customers coming, definitely adds to KRMA's bottom line in cash position and our ability to reduce rates for the municipalities.

3. **Flows Graphs**

Karen Benson stated the graphs appear to be getting in line with where they have been. The reporting is more consistent.

D. **Communications**

None.

VI. **Old Business**

A. **E-Waste update**

No Update

B. **Software Update**

Dustin stated the process of things that was completed while currently undergoing a live simulation to make sure everything is good to go live by mid-June 2020.

C. **5-Year Capital Needs**

Discussed previously under operation reports.

D. **Pilot Fee**

Discuss under New Business

E. **Blowers Update**

Discussed previously under operations report.

F. **Road Program**

Dave stated this is our annual maintenance program. It's going to be advertised new week. Will have contract ready for approval next board meeting.

G. **Summer Help**

Art stated we have 11 applicants and KRMA will start the interview process and the anticipated start date is June 1, 2020.

H. **Emergency Paid Sick Leave for COVID-19**

Attorney Smith stated that the reimbursement funding for Emergency Paid Sick Leave for COVID-19 is not available at this time for local government entities.

I. **Approval of Budget Ordinance No.2020-01 for fiscal year end April 30, 2021**

Motion to approve Budget Ordinance No. 2020-01 for fiscal year end April 30, 2021 was made by Dir Schore and seconded by Dir Kubal. Six voted Aye 1, voted Nay.

VII. **New Business**

A. **Employee Health Insurance**

Suzie Werner discussed in detail the current/renewal coverage and the other competitive coverages by UnitedHealth Care and Blue Cross Blue Shields. Questions were raised by some of the board members for more comparable coverage that our union employees received. Suzie stated she will bring back to results for next board meeting.

B. **Intergovernmental Agreement for Payment of P.I.L.O.T. Fees between KRMA and the City of Kankakee**

Attorney Smith stated he needs more instruction and clarification from KRMA and the board before it can be completed.

C. **ACH Transfer**

Karen stated the IEPA would like for us to use ACH Transfer and Payment. Will discuss more next board meeting.

D. **ACH Auto Payments**

Karen stated the IEPA would like for us to use ACH Transfer and Payment. Will discuss more next board meeting.

VIII. **Executive Session**

None.

IX. **Next Meeting**

Next Regular Board Meeting- **Tuesday, June 16, 2020 (3:00 P.M. in the KRMA Boardroom)**

Motion to Adjourn was made by: Dir. Wakat and seconded by Dir. Schore. Motion carried. All voted in favor.



Kankakee River Metropolitan Agency

Providing Wastewater Treatment to the Kankakee River Valley



BUILDING 55

**MOTOR
CONTROL
CENTER**

Monthly Operations Report

MAY 2020

KRMA's MAY HIGHLIGHTS:

As the country began to give consideration for phasing in life as we once knew it, in accordance with guidelines from the CDC (Center for Disease Control and Prevention), Executive branch, and Governmental bodies of each state, the pandemic was still a major concern regarding COVID-19.

Here at the KRMA facility, there were small changes mostly for the health and safety of the staff. The management staff continued to address the for seeable issues and concerns of the facility while the labor staff of the I.U.O.E. (International Union of Operating Engineers, Local 399) continued the efficient operations of the facility. With nearly 9 inches of rainfall for the month of May and an already saturated ground from the rainfall in April it is more than a small effort to keep thing moving.

Again as I acknowledge the efforts that the KRMA staff perform 24 hour a day, 365 days a year, I also say thank you and appreciate those on the front line performing the necessary needs of the community.

The month of May, the KRMA staff met all limits with the exception of two daily excursion of (IEPA) 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)	1,134.49	789.46	177.175	164.256	3.597
Daily Average Flow (MGD)	36.60	25.47	5.715	5.299	0.116

3.0 EFFLUENT QUALITY

Table 3.1 summarizes the effluent quality data.

Table 3.1
Effluent Quality

	IEPA Limits	Effluent Average
Biochemical Oxygen Demand (BOD) – Monthly Average	20 mg/l	4 mg/l
Total Suspended Solids (TSS) - Monthly Average	25 mg/l	12 mg/l
PH	6-9 SU	7.41 SU
Chlorine Residual	0.05 mg/l	0.009 mg/l
Fecal Coliform	400/100 ml	189 ml

ODOR ISSUES:

- There were 1 odor complaints registered at the KRMA facility in May due to repairs.
- There were no odor complaints registered at the East Gate site in May.

4.0 PERSONNEL

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

Shaun Ownbey, Lead O & M Operator Specialist, 15 years

Michael Gowler, O & M Operator Specialist, 6 years

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

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

5.0 MAINTENANCE AND REPAIR

Number of Work Orders Closed for the Month:	789
Hours of Scheduled Work Orders Performed:	715.05

6.0 SLUDGE HANDLING

Gallons of sludge produced and sent to thickening:	3,010,625
Gallons of sludge put into storage after thickening:	1,220,000
Sludge removed from the plant for land application:	0
Sludge remaining in storage as of December 31st:	2,505,000

7.0 WATER USAGE

MAY 2020 (29 DAYS): 48,125 CU FT= 360,000 GALS. = \$2,717.66

NUMBER OF DAYS IN THE BILLING CYCLE: 29

ATTACHMENT

A

DMR Monthly Report

5/1/2020 to 5/31/2020

Var #	452	159	119	236	454	351	113	237	386
	EFF FLOW	001 Eff pH	FINAL EFF TSS	Weekly ave Eff TSS	EFF TSS	WeeklyAv eEffTSS	EFF-C-BOD	Weekly Ave EffCBOD	EFF C-BOD
Date	MGD	STD UNIT	mg/L	MG/L	LBS/D	LBS/Day	mg/l	MG/L	lbs/day
5/1/2020	47.442	7.16	10		3,957				
5/2/2020	34.475		6	123	1,725	32,816	3	31	863
5/3/2020	28.810		2		481		2		481
5/4/2020	24.430	7.51	10		2,037		4		815
5/5/2020	22.433	7.27	15		2,806		5		935
5/6/2020	22.831	7.59	14		2,666		3		571
5/7/2020	20.080	7.53	13		2,177		5		837
5/8/2020	17.969	7.38	11		1,648				
5/9/2020	16.963		7	10	990	1,829	4	4	566
5/10/2020	16.140		7		942		3		404
5/11/2020	15.572	7.57	9		1,169		4		519
5/12/2020	14.875	7.40	7		868		4		496
5/13/2020	14.250	7.40	13		1,545		5		594
5/14/2020	25.391	7.31	40		8,470		9		1,906
5/15/2020	79.955	7.20	26		17,337				
5/16/2020	81.346		11	16	7,463	5,399	4	5	2,714
5/17/2020	65.044		10		5,425		4		2,170
5/18/2020	85.276	7.29	11		7,823		5		3,556
5/19/2020	86.155	7.51	21		15,089		5		3,593
5/20/2020	55.784	7.49	17		7,909		5		2,326
5/21/2020	43.413	7.58	15		5,431		5		1,810
5/22/2020	37.593	7.40	12		3,762				
5/23/2020	32.716		2	13	546	6,569	2	4	546
5/24/2020	37.881		7		2,211		3		948
5/25/2020	38.814		7		2,266		3		971
5/26/2020	30.893	7.35	14		3,607		5		1,288
5/27/2020	29.772	7.54	11		2,731		4		993
5/28/2020	30.742	7.42	9		2,307		3		769
5/29/2020	30.223	7.31	4		1,008				
5/30/2020	26.025		10	9	2,170	2,329	5	4	1,085
5/31/2020	21.193		8		1,414		4		707

Minimum	14.250	7.16	2	9	481	1,829	2	4	404
Maximum	86.155	7.59	40	123	17,337	32,816	9	31	3,593
Average	36.596	7.41	12	34	3,870	9,788	4	10	1,249
Sum	1,134.486	148.21	359	171	119,984	48,943	108	48	32,464

DMR Monthly Report

5/1/2020 to 5/31/2020

Var #	352	187	191	401	101	450	115	451	455
	WeeklyAverageEffCBOD	001 EFF CL2	FECAL COLI 001	TOTAL INF FLOW	INFLUENT BOD	INF BOD LOAD	INFLUENT TSS	INF TSS	BOD REMOVAL
Date	LBS/Day	mg/L	#/100ml	MGD	mg/L	LBS/D	mg/L	LBS/D	%
5/1/2020		0.011	1	47.44			72	28,488	
5/2/2020	8,765			34.48	150	43,128	120	34,503	98
5/3/2020				28.81	119	28,593	132	31,716	98
5/4/2020		0.006	8	24.43	219	44,620	206	41,972	98
5/5/2020		0.005	2	22.43	209	39,102	152	28,438	98
5/6/2020		0.024	0	22.83	179	34,083	174	33,131	98
5/7/2020		0.007	6	20.08	179	29,977	180	30,144	97
5/8/2020		0.005		17.97			176	26,376	
5/9/2020	701			16.96	182	25,748	248	35,085	98
5/10/2020				16.14	170	22,883	232	31,229	98
5/11/2020		0.007	3	15.57	125	16,234	244	31,688	97
5/12/2020		0.004	3	14.88	272	33,744	254	31,511	99
5/13/2020		0.009	1	14.25	171	20,322	300	35,654	97
5/14/2020		0.014	2	25.39	94	19,906	110	23,294	90
5/15/2020		0.012	9	79.96			36	24,006	
5/16/2020	1,106			81.35	44	29,851	29	19,674	91
5/17/2020				65.04	26	14,104	25	13,562	85
5/18/2020		0.005	155	85.28	60	42,672	71	50,495	92
5/19/2020		0.005	1,104	86.16	110	79,039	871	625,842	95
5/20/2020		0.004	2,080	55.78	121	56,294	137	63,738	96
5/21/2020		0.007	215	43.41	124	44,896	84	30,413	96
5/22/2020		0.014	1	37.59			49	15,363	
5/23/2020	2,333			32.72	54	14,734	16	4,366	96
5/24/2020				37.88	56	17,692	45	14,217	95
5/25/2020				38.81	66	21,365	103	33,342	95
5/26/2020		0.023	0	30.89	114	29,372	58	14,944	96
5/27/2020		0.019	0	29.77	139	34,513	44	10,925	97
5/28/2020		0.006	0	30.74	124	31,792	164	42,048	98
5/29/2020		0.001	2	30.22			53	13,359	
5/30/2020	1,009			26.03	215	46,665	163	35,379	98
5/31/2020				21.19	148	26,159	151	26,689	97

Minimum	701	0.001	0	14.25	26	14,104	16	4,366	85
Maximum	8,765	0.024	2,080	86.16	272	79,039	871	625,842	99
Average	2,783	0.009	189	36.60	133	32,596	152	47,793	96
Sum	13,914	0.188	3,592	1,134.49	3,470	847,488	4,699	1,481,589	2,493

DMR Monthly Report

5/1/2020 to 5/31/2020

Var #	456	1040	1041	1042	1043	255	297	953	1023
Date	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 Phosphoru s- TP(TNT) mg/l	Effluent Total Nitrogen mg/l
5/1/2020	86	7.02	6.98	7.00					
5/2/2020	95	7.21	7.25	7.23	7.64				
5/3/2020	98	8.16	8.18	8.17		0.05	12.01	0.24	
5/4/2020	95	8.62	8.59	8.61		4.57	931.12	0.47	
5/5/2020	90	8.30	8.25	8.28		9.88	1,848.46	0.57	
5/6/2020	92	8.43	8.37	8.40		2.12	403.67	0.34	19.00
5/7/2020	93	8.39	8.37	8.38		0.07	11.94	0.57	
5/8/2020	94	8.46	8.47	8.47					
5/9/2020	97	8.68	8.68	8.68	8.43				
5/10/2020	97	8.69	8.70	8.70		0.13	17.77	0.40	
5/11/2020	96	8.67	8.68	8.68		0.08	9.77	0.67	
5/12/2020	97	8.51	8.53	8.52		2.44	302.70	0.69	17.50
5/13/2020	96	8.34	8.34	8.34		2.50	297.11	0.79	
5/14/2020	64	7.82	7.19	7.51		3.81	806.81	1.31	
5/15/2020	28	7.79	7.41	7.60					
5/16/2020	62	7.80	7.88	7.84	8.17				
5/17/2020	60	8.49	8.55	8.52		0.05	27.12	0.42	
5/18/2020	85	7.83	7.93	7.88		0.05	35.56	0.39	
5/19/2020	98	7.00	7.17	7.09		0.16	116.40	0.50	
5/20/2020	88	6.21	6.47	6.34		0.19	88.40	0.35	
5/21/2020	82	5.94	6.27	6.11		3.70	1,339.64	0.55	29.60
5/22/2020	76	6.50	6.95	6.73					
5/23/2020	88	7.67	7.95	7.81	7.21				
5/24/2020	84	8.46	8.52	8.49					
5/25/2020	93	8.51	8.55	8.53		0.05	16.19	0.34	
5/26/2020	76	8.12	8.22	8.17		1.63	419.97	0.23	
5/27/2020	75	7.70	7.70	7.70		2.09	518.94	0.33	12.70
5/28/2020	95	7.64	7.69	7.67		0.39	99.22	0.15	
5/29/2020	92	7.71	7.79	7.75					
5/30/2020	94	7.87	7.92	7.90	8.03				
5/31/2020	95	8.15	8.16	8.16		0.15	26.51	0.33	11.20

Minimum	28	5.94	6.27	6.11	7.21	0.05	9.77	0.15	11.20
Maximum	98	8.69	8.70	8.70	8.43	9.88	1,848.46	1.31	29.60
Average		7.89	7.93	7.91	47.37	1.71	366.47	0.48	18.00
Sum	2,659	244.69	245.71	245.20	39.47	34.11	7,329.31	9.60	90.00

DMR Monthly Report

5/1/2020 to 5/31/2020

Var #
Date
5/1/2020
5/2/2020
5/3/2020
5/4/2020
5/5/2020
5/6/2020
5/7/2020
5/8/2020
5/9/2020
5/10/2020
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5/26/2020
5/27/2020
5/28/2020
5/29/2020
5/30/2020
5/31/2020

1044	1048	1045	102	116	1046	1047	
Fecal Coliform at EQ Basin col/100ml	EQ Basin Residual Chlorine mg/l	EQ Basin pH	EQ Basin BOD mg/L	EQ Basin TSS mg/L	EQ Basin Ammonia Nitrogen mg/l	EQ Basin Total Phosphorus mg/l	
	9	0.0150	7.62	35	50	2.87	2.24
			7.65	33	15	5.43	1.65
	372	0.7100	7.42	31	36	3.26	1.37
	88	0.0300	8.04		35	4.15	1.76
	18	0.0500	7.33	48	27	7.33	1.80

Minimum
Maximum
Average
Sum

9	0.0150	7.33	31	15	2.87	1.37
372	0.7100	8.04	48	50	7.33	2.24
122	0.2013	7.61	37	33	4.61	1.76
487	0.8050	38.06	147	163	23.04	8.82

ATTACHMENT

B

Flows
KRMA Treatment Facility
May, 2020

Date	PRECIPITA INCHES	PLANT MGD	Kankakee MGD	BOURB. MGD	BradleyFlow MGD	AromaPark MGD
5/1/2020	0.00	47.44	34.90	7.220	5.221	0.098
5/2/2020	0.00	34.48	24.71	5.589	4.080	0.098
5/3/2020	0.00	28.81	20.21	4.950	3.549	0.098
5/4/2020	0.14	24.43	16.72	4.292	3.343	0.071
5/5/2020	0.20	22.43	14.39	4.492	3.483	0.069
5/6/2020	0.00	22.83	14.82	4.760	3.186	0.066
5/7/2020	0.00	20.08	12.77	4.288	2.955	0.062
5/8/2020	0.00	17.97	11.08	4.028	2.801	0.058
5/9/2020	0.00	16.96	10.53	3.920	2.453	0.058
5/10/2020	0.08	16.14	10.18	3.742	2.163	0.058
5/11/2020	0.00	15.57	10.07	3.614	1.840	0.053
5/12/2020	0.00	14.88	9.71	3.457	1.654	0.053
5/13/2020	0.07	14.25	9.29	3.384	1.529	0.044
5/14/2020	3.91	25.39	11.63	6.420	7.120	0.225
5/15/2020	0.00	79.96	58.39	8.724	12.529	0.311
5/16/2020	0.00	81.35	64.89	8.657	7.485	0.311
5/17/2020	2.50	65.04	40.26	11.027	13.443	0.311
5/18/2020	0.03	85.28	60.28	11.485	13.155	0.351
5/19/2020	0.08	86.16	68.54	8.698	8.707	0.213
5/20/2020	0.00	55.78	41.84	6.788	7.007	0.146
5/21/2020	0.00	43.41	31.89	5.504	5.907	0.111
5/22/2020	0.00	37.59	27.51	4.762	5.235	0.091
5/23/2020	0.00	32.72	21.67	5.061	5.893	0.091
5/24/2020	0.00	37.88	26.27	5.602	5.921	0.091
5/25/2020	1.22	38.81	28.36	5.174	5.188	0.091
5/26/2020	0.00	30.89	22.02	4.220	4.582	0.069
5/27/2020	0.47	29.77	17.61	6.012	6.091	0.064
5/28/2020	0.06	30.74	17.79	7.196	5.702	0.058
5/29/2020	0.00	30.22	20.44	5.211	4.512	0.059
5/30/2020	0.00	26.03	17.35	4.669	3.946	0.059
5/31/2020	0.00	21.19	13.33	4.229	3.577	0.059
Total	8.76	1,134.49	789.46	177.175	164.256	3.597
Average	0.28	36.60	25.47	5.715	5.299	0.116
Minimum	0.00	14.25	9.29	3.384	1.529	0.044
Maximum	3.91	86.16	68.54	11.485	13.443	0.351
# of data	31	31	31	31	31	31

ATTACHMENT

C



Employers Must Provide Sexual Harassment Prevention Training

Every employer with employees working in the State of Illinois is required to provide all employees with annual sexual harassment prevention training that complies with Section 2-109 of the Illinois Human Rights Act ("IHRA").¹ Employers may develop their own sexual harassment prevention training program that meets or exceeds the minimum standards for sexual harassment prevention training as outlined in Section 2-109(B) of the IHRA, or they may use the model sexual harassment prevention training developed by the Illinois Department of Human Rights ("IDHR").

Restaurants and bars are required to provide "supplemental" sexual harassment prevention training that complies with Section 2-110 of the IHRA.²

Minimum Standards for Sexual Harassment Prevention Training

Employers may develop their own sexual harassment prevention training programs provided they meet or exceed the minimum training standards outlined in Section 2-109(B) which include:

- an explanation of sexual harassment consistent with the IHRA;
- examples of conduct that constitutes unlawful sexual harassment;
- a summary of relevant federal and State statutory provisions concerning sexual harassment, including remedies available to victims of sexual harassment; and
- a summary of responsibilities of employers in the prevention, investigation, and corrective measures of sexual harassment.

Additional Compliance Information

- **Supplemental Training.** For the purposes of satisfying the requirements under Section 2-109, employers may use IDHR's model sexual harassment prevention training program to supplement any existing program an employer is utilizing or develops.
- **Deadline to Train Employees.** Employers must train employees by December 31, 2020 and on an annual basis thereafter.
- **Civil Penalty.** Any employer that is in violation of Section 2-109 will be issued a notice to show cause giving the employer 30 days to comply. Failure to comply within 30 days will result in IDHR petitioning the Illinois Human Rights Commission for entry of an order imposing a civil penalty against the employer.

For more information please visit IDHR's website at www.illinois.gov/dhr/training. View Section 2-109 and Section 2-110 of the [Illinois Human Rights Act](#).

¹ Section 2-109 requirements do not apply to employers subject to Section 5-10.5 of the State Officials and Employees Ethics Act.

² For more information about Section 2-110 (training requirements for restaurants and bars), visit IDHR's website and download handout SHP-TR01 (Sexual Harassment Prevention: Minimum Training Standards for Restaurants and Bars).

ATTACHMENT

D

FIELD CALIBRATION SHEET

COMPANY: KRMA

CITY: KANKAKEE/RIVERLANE

FLOW METER MODEL: Isco Signature

INFLUENT June 3rd, 2020

PRIMARY DEVICE: PHARSHAL

FLOW: 0-516 GPM 0-13.20 IN

MEASURING DEVICE: ULTRASONIC

CHECK POINTS:

LEVEL? YES

FREE FLOWING? Yes

TURBULENCE? NO

BLOCKAGE? Yes Reading 6.127" Cleaned obstruction

SURFACE BUILD-UP? Yes

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 24.050"

LEVEL AFTER: 24.122"

LEVEL FLOW CONVERSION CHECK:

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

TOTALIZER CHECK:

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

CALIBRATED BY: Brian Scheppler

DATE: 6/3/2020

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

FIELD CALIBRATION SHEET

COMPANY: KRMA

CITY: KANKAKEE

FLOW METER MODEL: Siemens Hydro Ranger #1

Influent June 3rd, 2020

PRIMARY DEVICE: Flume

FLOW: 0-73 MGD

MEASURING DEVICE: Ultrasonic

CHECK POINTS:

LEVEL? YES

FREE FLOWING? Yes

TURBULENCE? Yes

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 28.0 MGD As Found 28.11 MGD LEVEL AFTER: 28.11 MGD

LEVEL FLOW CONVERSION CHECK:

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

TOTALIZER CHECK:

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

CALIBRATED BY: BRIAN SCHEPPLER

DATE: 6/3/2020

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

FIELD CALIBRATION SHEET

COMPANY: KRMA

CITY: KANKAKEE/BROOKMONT

FLOW METER MODEL: ISCO Signature

INFLUENT June 3rd, 2020

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 24.180"

LEVEL AFTER: 24.123"

LEVEL FLOW CONVERSION CHECK:

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

TOTALIZER CHECK:

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

CALIBRATED BY: Brian Scheppler

DATE 6/3/2020

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

FIELD CALIBRATION SHEET

COMPANY: KRMA

CITY: KANKAKEE

FLOW METER MODEL: Siemens Hydro Ranger #2

INFLUENT June 3rd, 2020

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 28 MGD AS Found 28.03 MGD

LEVEL AFTER: 28.03 MGD

LEVEL FLOW CONVERSION CHECK:

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

TOTALIZER CHECK:

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

CALIBRATED BY: BRIAN SCHEPPLER

DATE: 6/3/2020

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

FIELD CALIBRATION SHEET

COMPANY: KRMA

CITY: BRADLEY/ RIVER DRIVE

FLOW METER MODEL: Isco Signature

INFLUENT June 3rd, 2020

PRIMARY DEVICE: PHARSHAL

FLOW: 0-21.36

MEASURING DEVICE: ULTRASONIC

CHECK POINTS:

LEVEL? YES

FREE FLOWING? NO

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 11.00" Level reading 11.106"

LEVEL AFTER: 11.07"

LEVEL FLOW CONVERSION CHECK:

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

TOTALIZER CHECK:

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

CALIBRATED BY: BRIAN SCHEPPLER

DATE: 6/3/2020

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: Bourbonnais

CITY: BOURBONNAIS

FLOW METER MODEL: Isco Laser Flow

INFLUENT June 4th, 2020

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 15.25" As found 15.258"

LEVEL AFTER: 15.258" No adjustment made at this time 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 6/4/2020

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

ATTACHMENT

E

DATE: **May 2020**

TO: Kankakee River Metropolitan Agency Board

FROM: Melanie Gossett, Assistant Superintendent Technical Services

RE: May 2020 Report on KRMA's Pretreatment Program – Trucked-in Wastewater

A. May 2020 pretreatment sample analyses (metals, cyanide & VOA) for the permitted industries were a total of **71** samples and a total of **547** analyses.:

GML	8 samples	NGPL	6 samples
Kankakee RDF	1 sample	Hoffman	4 samples
Laraway	9 samples	Prairie View	2 samples
Solvay	0 samples	Newton Co.	12 samples
Liberty	8 samples	Livingston	7 samples
TCS	11 samples	Zutat Feed	2 samples
Lake Co.	1 sample		

B. Volumes received for May 2020 from trucked-in industries:

Newton Co.	1,795,237	gals	267 loads
Prairie View RDF	38,022	gals	7 loads
Kankakee RFD	14,000	gals	2 loads
Laraway RDF	510,902	gals	84 loads
Natural Gas Pipeline (NGPL)	130,000	gals	26 loads
Gilster-Mary Lee (GML)	58,000	gals	10 loads
Hoffman Transportation	35,000	gals	7 loads
Solvay	0	gals	0 loads
Liberty Landfill	2,102,360	gals	341 loads
Livingston Landfill	222,303	gals	33 loads
Tank Cleaning Solutions	124,047	gals	24 loads
Zutat Feed Solutions	42,000	gals	7 loads
Lake Co.	108,215	gals	16 loads
Total	5,180,086	gals	824 loads

C. The KRMA facility received a total of **259 loads** of septage which totaled **829,300 gallons** for the month of May 2020.

D. The monthly reports prepared:

1. NPDES Report
2. Plant Flow Summary Report
3. Trucked-in Haulers User Charge Bills (14)
4. Trucked-in Haulers Loading Report
5. Trucked-in Haulers Flow Summary

KRMA YEARLY UTILITY USAGE - (YEAR)

KRMA ELECTRIC ENERGY USE										KRMA WATER USE				
	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
JANUARY	949,984	31	\$ 46,799	\$ 1,510		260,544	689,440	1,277	\$ 0.0493	360,000	33	\$ 2,663	10,909	81
FEBRUARY	839,904	35	\$ 51,423	\$ 1,469		108,341	731,563	1,000	\$ 0.0612	300,000	33	\$ 2,336	9,091	71
MARCH	951,132	31	\$ 45,775	\$ 1,477		215,667	735,465	1,278	\$ 0.0481	350,000	29	\$ 2,608	12,069	90
APRIL	834,529	29	\$ 40,239	\$ 1,388		199,857	634,672	1,199	\$ 0.0482	380,000	29	\$ 2,829	13,103	98
MAY	954,846	30	\$ 46,728	\$ 1,558		189,479	765,367	1,326	\$ 0.0489	360,000	29	\$ 2,718	12,414	94
JUNE	0			#DIV/0!				#DIV/0!	#DIV/0!				#DIV/0!	#DIV/0!
JULY	0			#DIV/0!				#DIV/0!	#DIV/0!				#DIV/0!	#DIV/0!
AUGUST	0			#DIV/0!				#DIV/0!	#DIV/0!				#DIV/0!	#DIV/0!
SEPTEMBER	0			#DIV/0!				#DIV/0!	#DIV/0!				#DIV/0!	#DIV/0!
OCTOBER	0			#DIV/0!				#DIV/0!	#DIV/0!				#DIV/0!	#DIV/0!
NOVEMBER	0			#DIV/0!				#DIV/0!	#DIV/0!				#DIV/0!	#DIV/0!
DECEMBER	0			#DIV/0!				#DIV/0!	#DIV/0!				#DIV/0!	#DIV/0!
TOTAL	4,530,395	156	\$ 230,964	#DIV/0!	0	973,888	3,556,507	#DIV/0!	#DIV/0!			\$ 13,154	#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	40,548	31	\$ 15,363	1308	\$ 496
FEBRUARY	31,961	30	\$ 11,007	1065	\$ 367
MARCH	29,695	29	\$ 9,570	1024	\$ 330
APRIL	19,896	30	\$ 6,354	663	\$ 212
MAY				#DIV/0!	#DIV/0!
JUNE				#DIV/0!	#DIV/0!
JULY				#DIV/0!	#DIV/0!
AUGUST				#DIV/0!	#DIV/0!
SEPTEMBER				#DIV/0!	#DIV/0!
OCTOBER				#DIV/0!	#DIV/0!
NOVEMBER				#DIV/0!	#DIV/0!
DECEMBER				#DIV/0!	#DIV/0!
TOTAL	122,100	120	\$ 42,294	#DIV/0!	#DIV/0!
	Therms	Days	Total Cost \$/Billing Period	Therms/Day	Total Cost \$/day

IV-B-2

Date	Kankakee	Laraway				Hoffman	Newton Co.	Newton Co.		Livingston	Liberty		Zutat Feed	Lake Co.	Monthly	
2020	RDF	RDF	NGPL	Gilster-ML	PrairieView	Transportation	Landfill	Stormwater	Solvay	Landfill	Landfill	TCS	Solutions	Landfill	Total	# Loads
January	21,000	240,843	100,000	70,000	144,591	60,000	2,593,084	0	0	164,827	600,159	152,301			4,146,805	651
February	0	586,575	70,000	91,000	27,896	40,000	2,124,046	0	0	134,003	686,291	167,380			3,927,191	618
March	21,000	367,664	100,000	51,000	32,673	30,000	2,645,561	0	0	186,443	1,408,230	160,916	36,000		5,039,487	783
April	0	104,652	60,000	89,000	15,756	20,000	2,911,502	0	0	177,859	1,807,281	124,203	54,000		5,364,253	825
May	14,000	510,902	130,000	58,000	38,022	35,000	1,795,237	0	0	222,303	2,102,360	124,047	42,000	108,215	5,180,086	824
June																
July																
August																
September																
October																
November																
December																
TOTAL																

Average 14,000 362,127 92,000 71,800 51,788 37,000 2,413,886 0 0 177,087 1,320,864 145,769 44,000 108,215 4,731,564 740

5/1/2016 4.9 4.9 7.1 7.1 4.9 4.9 4.2 2.0 11.4 4.9 4.9 7.1 4.9

As of 5/1/2020 5.6 5.6 8.2 8.2 5.6 5.6 5.6 2.3 13.1 5.6 5.6 8.2 7.1 5.6

LeachateTOTAL1.xls

Date	Hauled Wastewater	Gallons	Lbs. TSS	Lbs. BOD
May-20				
	Hoffman Transportation	35,000	591	954
	Gilster-Mary Lee	58,000	4,086	7,324
	Kankakee RDF	14,000	108	74
	Laraway RDF	510,902	1,088	5,971
	Liberty Landfill	2,102,360	4,861	71,221
	Livingston Landfill	222,303	773	7,746
	NGPL	130,000	22	91
	Prairie View RDF	38,022	195	4,110
	Newton Co. Landfill	1,795,237	20,216	228,078
	Lake Co. Landfill	108,215	108	323
	Tank Cleaning Solutions	124,047	305	4,360
	Zutat Feed Solutions	42,000	2,264	2,407
	TOTAL	5,180,086	34,617	332,659