

AGENDA

KANKAKEE RIVER METROPOLITAN AGENCY MEETING

Tuesday, May 25, 2021

9:00 AM in KRMA Board Room

1600 Brookmont Blvd., Kankakee, IL 60901

I. Roll Call

II. Announcement of New Members of the Board of Directors and Election of Officers for FY 2021-2022

- A. Chairperson (Currently Chasity Wells-Armstrong) _____
- B. Vice-Chairperson (Currently Paul Schore) _____
- C. Secretary (Currently Brian Stump) _____

III. Public Comment

IV. Approval of Board Minutes

- A. April 27, 2021 – Regular Board Meeting

V. 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
 - a. Approval to seek New Hire
- C. Financial Report
 - 1. Reports
 - 2. Hauled in Waste Report
 - 3. Flows Graphs
- D. Communications

VI. Old Business

- A. Blowers Update
- B. Republic Service Update
- C. E-Waste Update
- D. CSL Update
- E. Approval of Exempt Employees Pay Raise

VII. New Business

- A. Proposed Draft Budget Ordinance No. 2020-01 for fiscal year end April 30, 2022
- B. Strand Associates-Plant Expansion Presentation
- C. Exempt Employee Health Insurance
- D. 401k Administrator
- E. Admin for First Trust

I. Executive Session

- A. Personnel & Probable or Imminent Litigation

VIII. Next Meeting

Tuesday, June 22, 2021 (9:00 AM in KRMA Boardroom)

**KANKAKEE RIVER METROPOLITAN AGENCY
MINUTES
April 27, 2021 – 9:00 A.M**

On June 26, 2020, Governor Pritzker issued the fifth Gubernatorial Disaster Proclamation for all counties in the State of Illinois. Due to the COVID-19 health pandemic, Chair Chasity Wells-Armstrong has determined that an in-person meeting is not practical or prudent. As permitted by Public Act 101-0640, this meeting will be held without the physical presence of a quorum at the meeting location.

Directors, staff, participants and the public may attend by phone or video conference using the following:

<https://www.gotomeeting.com>

or dial 1 (872) 240-3212 when prompted enter conference PIN Access Code: 318-571-101

In attendance:

Location: REMOTE MEETING HELD VIA TELECONFERENCE/VIDEO CONFERENCE

Board of Directors:

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

Dan Small, Strand Associates
Christopher Curtis, Designated Mayor for City of Kankakee

Vice-Chairperson, Mayor Schore, called the meeting to order.

I. Roll Call

Roll Call was taken. All Board members were present except for Chairperson Wells-Armstrong and Dir P. Carl Brown via gotomeeting.com.

II. Public Comment

None

III. Approval of Board Minutes

A. **March 23, 2021 – Regular Board Meeting** – Motion to approve the March 23, 2021 Regular Board Meeting minutes was made by: Dir. Stump and seconded by Dir Wakat. All board member present voted in favor, Chairperson Mayor Wells-Armstrong and Dir P. Carl Brown was Absent. Motion Carries.

Chairperson Mayor Wells-Armstrong joined the meeting.

IV. Reports

A. Operations & Maintenance Report

1. Monthly Report

Art informed the Board that IEPA is requiring all operators to take continuing education units (CEU's) for wastewater. Class 1 & 2 Operators must complete 30 CEU's and Class 3 & 4 must complete 15 CEUs to keep their license active or they would have to retest to retain their licenses. KRMA started a small library of books to assist our Operators with their process. Also, with the assistance of Dan Small, Strand Associates, KRMA submitted the Funding Nomination form to be eligible to borrow money from Loan Programs through the State. Art also discussed the graphs in Attachment A in the MOR. The charts show that ammonia is KRMA's biggest problem. KRMA has violated once since the new permit has been issued by the IEPA. Dir Wakat asked "do you know where the ammonia is coming from?" Art responded there are a couple of industries, however, most of ammonia comes from Newton County. Dir Schore and Art discussed the cut back on Newton County and the new rate. Art also stated, although Newton County plans on cutting back to 10 million gallons a year, KRMA will still need a 4th Aeration Train to help us with all ammonia coming from all industries. Dir Wakat stated we need to consider maintaining level below the upper limits; therefore, it gives us room to treat strange occurrences and prevent the violations with the IEPA. He also asked if there are ways to get more oxygen to the microorganisms? Art responded, yes, the new blowers that KRMA is having installed produces more oxygen and are energy efficient. Dir Wakat asked about the pH and acidification that occurs from the excess ammonia. Art stated the pH has not been an issue. Art also gave suggestions of structures that will be needed for the plant: a 4th Aeration Train, a 3rd Primary Digester, and a Secondary Clarifier, due to the growth within the municipalities and industries. Dir Romo stated that the board needs some financial projections of numbers on what the cost for the expansion with and without Newton County and the loss of revenue and the figures for the debt repayment schedule if we decide not to take Newton County. Dir Schore stated the board needs a detailed plan. Dave responded, KRMA will have that ready for you in May 2021. Dan summarized all the prior discussions and analyzation completed by Strand Associate while answering questions in detail regarding the amount of ammonia. Karen Benson, SKDO, added she has a projected budget with the decreased revenue from Newton County and how the expansion of capacity will cause an increase in rate for the municipalities. Dir Kubal and Karen discussed the topic of debt layering.

B. Executive Director Report

1. Water, Gas & Electric Use/Cost

Exec. Dir. Dave Tyson presented the monthly utility sheets. Exec Dir Tyson stated everything seems to be in line. The water usage is down. The electric bill is a little higher due to generator being down and not being able to utilize methane. The natural gas is in line.

2. Hauled In Waste Summary

Exec. Dir. Tyson stated hauled in waste is good and staying consistent.

3. Operations Report

Exec Dir Dave Tyson stated generator should be up and running by end of month.

Director Wakat joined the board meeting.

C. Financial Report

1. Reports

Karen Benson presented the financial report stating the hauled in waste does add to our statement of Net Position cash balance, allowing KRMA to pay some of our long-term debt. The Statement of Revenues and Expenses is in line with budget vs actual. Change in Net Position is over budget due to the contribution of hauled in waste income. Fiscal year to date actual is over the budgeted amount due to the hauled in waste revenue.

2. Hauled In Waste Report

Karen stated hauled in waste continues to bring in revenue.

3. Flows Graphs

Karen Benson presented the flow graphs explaining the difference between the estimation flow and the actual flow between each municipality.

D. Communications

1. FOIA Request

Exec Dir Tyson stated that KRMA received a FOIA request, and he would just like to keep the Board aware and updated per any request.

V. **Old Business**

A. **Blowers Update**

Exec Dir Tyson stated one of the four blowers have been installed, and the second one is scheduled to be installed. All blowers should be installed by end of July 2021.

B. **Republic Service Update**

Exec Dir Tyson stated there have been communication back and forth with Republic Service regarding the new rate charge and/or will KRMA continue to accept their hauled in waste and if so, how much can we accept.

C. **E-Waste Update**

Exec Dir Tyson stated he talked with Ben Wilson with the Kankakee County. Belsons is ready to start accepting e-waste. Ben is going to get Dave verbiage for the municipalities regarding facility and operation hours and signage. Kankakee e-waste site will close and still awaiting Bradley e-waste site decision to remain open or to close. Dir Romo stated he will speak with the Mayor of Bradley and the Director of Public Works to see what they want to decide. Art added that KRMA currently pays Regency Technologies to pick up e-waste which is being monitored by Jack's Cleaning Company. Therefore, as soon as there's a final date, we need to give them notice that they are no longer needed. Exec Dir Tyson informed Art to give Jack's Cleaning Company a 30 day notice the first of the month. Chair, and Vice Chair both asked for marketing material be given to the municipalities. Exec Dir Tyson responded that Ben stated he would and stated it's also listed on the County Website as well.

D. **CSL Update**

Exec Dir Tyson gave update, informed them that CSL is in process of getting the IEPA permit for pretreatment for their plant. It has been agreed upon to have monthly meetings to keep KRMA update on the process. CSL estimated completion date is April 2022.

VI. **New Business**

A. **BID Results**

Exec Dir Tyson presented the Bid Recommendations for Chemicals, Domestic, Housekeeping, and Ground Keeping. Motion to approve Bid Results for 2021-2022 was made by Dir Wakat and seconded by Dir Schore. All board member present voted in favor. Dir Brown Absent. Motion Carries. Dir Romo stressed concerns regarding the only bidder and asked if KRMA could advertise more.

B. **Agreement with Champion Electric Supplier**

Exec Dir Tyson presented the agreement with Champion Electric Supplier. They are 2% cheaper than what we are paying now. Motion to approve Agreement with Champion Electric Supplier was made by Dir Wakat and seconded by Dir Romo. All board members present voted in favor. Dir Brown Absent. Motion Carries.

C. **Exempt Employees**

Exec Dir Tyson stated this is regarding the proposed annual pay raises and would like to discuss in Executive Session.

VII. **Executive Session**

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

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

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

Dir Robert Romo left the board meeting

Motion to return to Open Session was made by: Dir. Kubal and seconded by: Dir. Wakat. Motion carried.

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

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

VIII. **Next Meeting**

Next Regular Board Meeting- **Tuesday, June 22, 2021 (9:00 A.M. at KRMA Board Room)**

Motion to Adjourn was made by: Dir. Schore and seconded by Dir. Wakat. All board members present voted in favor; Dir Brown and Dir Romo Absent. Motion carried.

KRMA

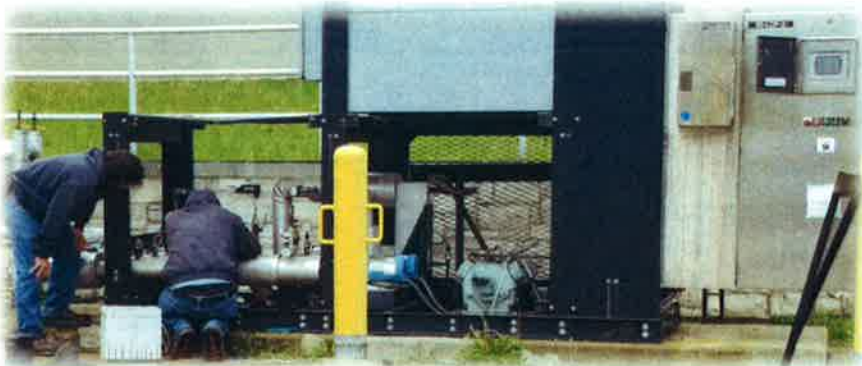
Kankakee River Metropolitan Agency

Providing Wastewater Treatment to the Kankakee River Valley



PREVENTIVE MAINTENANCE ON SCUMP PUMP

KRMA EIC AND O&M WORKERS AT IT'S FINEST



ELECTRICAL MAINTENANCE ON GLYCOL CHILLER



PREVENTIVE MAINTENANCE ON EFFLUENT PUMP

Monthly Operations Report

APRIL 2021

KRMA's APRIL HIGHLIGHTS:

The Kankakee Metropolitan River Agency in accordance with its' National Pollutant Discharge Elimination System (NPDES) permits **Special Condition 20**, shall develop a Nutrient Assessment Reduction Plan (NARP). The NARP will be supported by data and sound scientific rationale. KRMA staff will begin the process with sampling of the Kankakee River upstream and downstream of the facility discharge point. The plan will help to determine the most cost- effective means of reducing violation of a water quality standard.

The KRMA management staff was able to secure delivery of electrical power at an annual saving of 15% over a three-year term.

The KRMA staff were shown a Chlorine safety video in preparation of the upcoming chlorination season, May 1, 2021 through October 31, 2021. A mandatory safety training of chlorine and sulfur dioxide conducted by Alexander Chemicals, the facility chlorine/sulfur dioxide supplier will be on May 4, 2021.

The month of April, the KRMA staff met all limits of the Illinois Environmental Protection Agency NPDES (National Pollutant Discharge Elimination System) permits, with exception of the ammonia nitrogen permit limits. There were three excursions of the daily ammonia limit.

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)	390.66	251.67	96.200	41.669	1.129
Daily Average Flow (MGD)	13.02	8.39	3.207	1.389	0.038

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	8 mg/l
Total Suspended Solids (TSS) - Monthly Average	25 mg/l	23 mg/l
PH	6-9 SU	7.36 SU
Chlorine Residual	0.05 mg/l	N/A
Fecal Coliform	400/100 ml	N/A

ODOR ISSUES:

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

4.0 PERSONNEL

The Agency would like to Congratulate James (Jim) Churney, O&M Specialist, for 8 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 April.

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:	1169
Hours of Scheduled Work Orders Performed:	876.82

6.0 SLUDGE HANDLING

Start Date: 04/01/2021
End Date: 04/30/2021

Gallons of sludge produced and sent to thickening:	2,935,906.00
Gallons of sludge put into storage after thickening:	890,400.00
Sludge removed from the plant for land application:	2,143,200.00
Sludge remaining in storage as of March 30th:	2,360,000.00

7.0 WATER USAGE

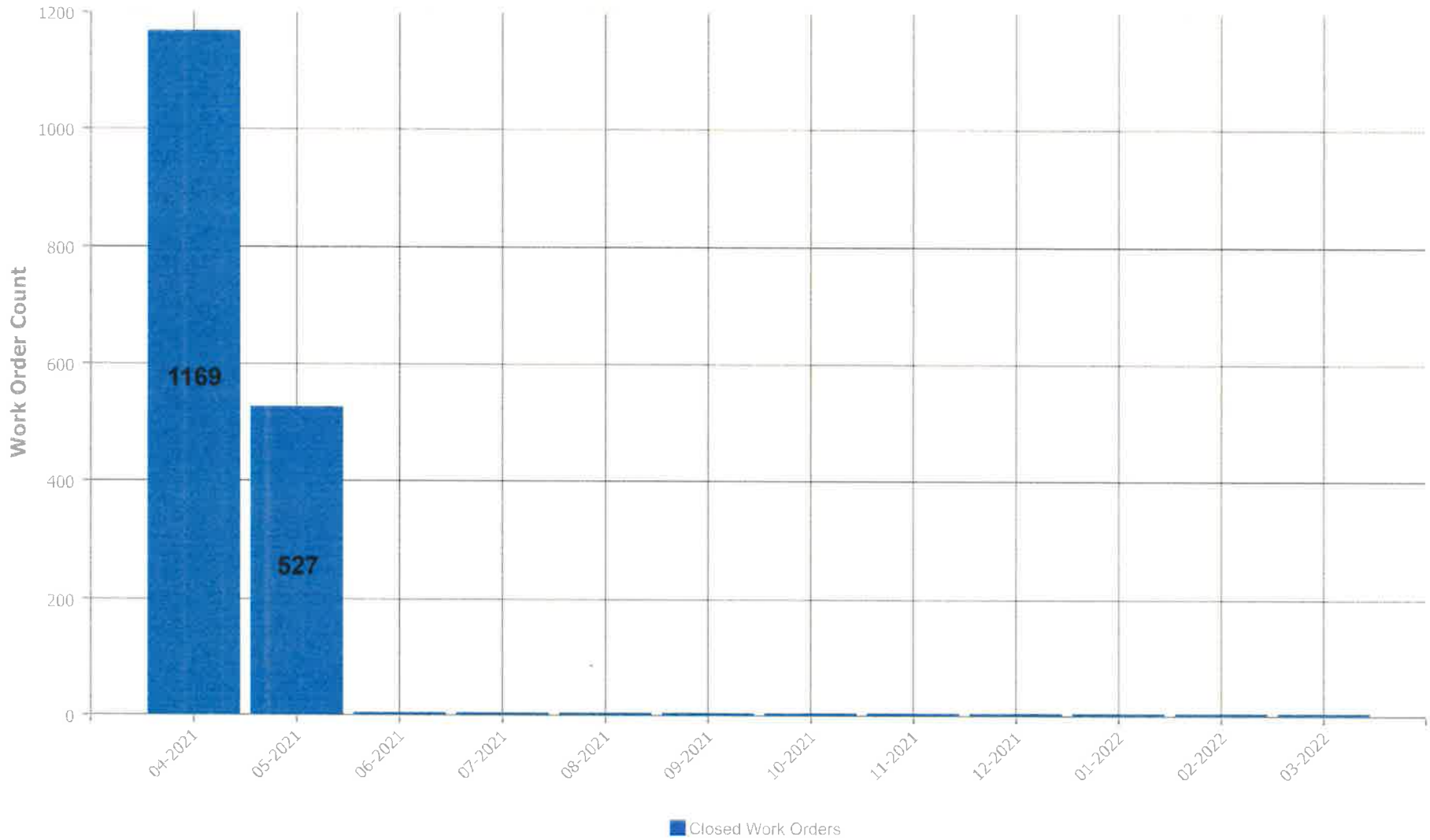
APRIL 2021 (30 DAYS): 39,703 CU FT= 297,000 GALS. = \$ 2329.17

NUMBER OF DAYS IN THE BILLING CYCLE: 30

THE NUMBER'S FOR APRIL IS FROM KRMA METER READINGS

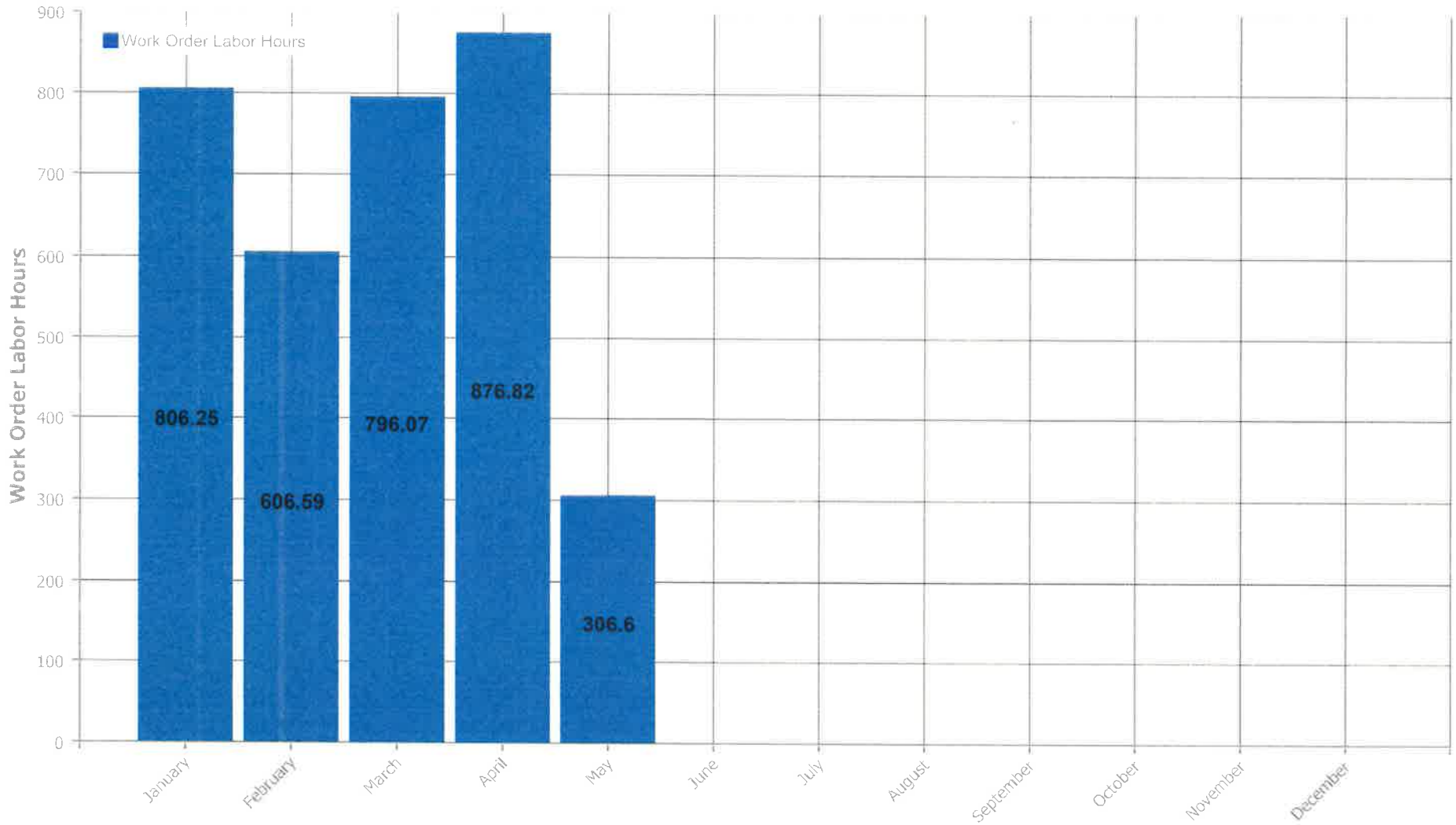
Work Orders Closed By Month

From April, 2021 to March, 2022



Work Order Labor Hours by Month

2021



ATTACHMENT

A

DMR Monthly Report

4/1/2021 to 4/30/2021

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
4/1/2021	70	7.82	8.53	8.18					
4/2/2021	85	7.93	8.65	8.29					
4/3/2021	83	8.64	8.66	8.65	8.40				
4/4/2021	85	8.72	8.72	8.72		0.05	5.49	1.26	
4/5/2021	91	8.28	8.30	8.29		0.54	56.41	0.72	8.15
4/6/2021	90	7.68	8.02	7.85		1.88	197.21	1.22	
4/7/2021	91	7.41	7.78	7.60		1.88	193.87	1.35	
4/8/2021	92	6.52	7.64	7.08		3.25	348.38	1.06	
4/9/2021	96	8.11	7.90	8.01					
4/10/2021	99	7.66	7.49	7.58	7.87				
4/11/2021	95	8.27	8.10	8.19		0.13	14.52	0.79	
4/12/2021	92	7.54	7.53	7.54		2.41	266.26	1.19	
4/13/2021	88	7.55	7.56	7.56		5.19	558.67	2.11	
4/14/2021	83	7.60	8.26	7.93		13.00	1,340.29	2.16	26.40
4/15/2021	90	7.80	8.50	8.15		1.40	140.59	1.20	
4/16/2021	94	7.80	8.35	8.08					
4/17/2021	90	7.75	8.30	8.03	7.92				
4/18/2021	75	8.16	8.22	8.19		0.12	11.16	0.89	
4/19/2021	82	8.13	8.20	8.17		1.03	96.87	1.98	
4/20/2021	78	7.99	8.06	8.03		2.58	255.30	2.74	
4/21/2021	67	8.14	8.23	8.19		2.86	290.21	2.83	17.02
4/22/2021	87	7.83	7.99	7.91		13.50	1,314.26	3.42	
4/23/2021	90	7.97	8.18	8.08					
4/24/2021	68	7.66	8.00	7.83	8.05				
4/25/2021	56	8.36	8.52	8.44		0.07	6.40	1.23	
4/26/2021	48	8.10	8.25	8.18		0.11	9.37	0.90	15.40
4/27/2021	79	7.81	7.94	7.88		0.15	13.54	0.97	
4/28/2021	-86	6.92	6.64	6.78		9.03	1,378.25	2.91	
4/29/2021	65	7.21	7.42	7.32		1.07	179.81	1.63	
4/30/2021	96	7.90	7.98	7.94					

Minimum	-86	6.52	6.64	6.78	7.87	0.05	5.49	0.72	8.15
Maximum	99	8.72	8.72	8.72	8.40	13.50	1,378.25	3.42	26.40
Average		7.84	8.06	7.96	8.06	3.01	333.84	1.63	16.74
Sum	2,320	235.26	241.92	238.59	32.25	60.25	6,676.87	32.56	66.97

DMR Monthly Report

4/1/2021 to 4/30/2021

Var #	352	187	191	401	101	450	115	451	455
	WeeklyAverageCBOD	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	%
4/1/2021				14.73			102	12,527	
4/2/2021				13.90			128	14,833	
4/3/2021	1,208			13.40	153	17,100	114	12,741	97
4/4/2021				13.17	139	15,272	172	18,898	97
4/5/2021				12.48	239	24,874	220	22,896	97
4/6/2021				12.58	270	28,323	226	23,708	97
4/7/2021				12.37	399	41,147	260	26,812	95
4/8/2021				12.85	307	32,909	274	29,371	93
4/9/2021				13.18			117	12,859	
4/10/2021	1,092			12.96	191	20,646	214	23,132	97
4/11/2021				13.09	163	17,789	156	17,025	98
4/12/2021				13.25	250	27,620	302	33,365	98
4/13/2021				12.91	287	30,894	224	24,112	97
4/14/2021				12.36	235	24,228	123	12,681	97
4/15/2021				12.04	194	19,482	136	13,657	97
4/16/2021				11.81			72	7,093	
4/17/2021	594			11.58	199	19,211	98	9,460	98
4/18/2021				11.34	130	12,292	84	7,942	95
4/19/2021				11.28	276	25,958	116	10,910	97
4/20/2021				11.87	301	29,785	126	12,468	98
4/21/2021				12.17	319	32,370	72	7,306	98
4/22/2021				11.67	364	35,436	244	23,754	97
4/23/2021				11.30			204	19,222	
4/24/2021	661			10.91	176	16,010	40	3,639	98
4/25/2021				11.09	122	11,283	78	7,214	95
4/26/2021				10.70	250	22,318	62	5,535	98
4/27/2021				10.68	315	28,063	130	11,581	99
4/28/2021				18.30	231	35,258	70	10,684	90
4/29/2021				20.15	209	35,121	92	15,460	96
4/30/2021				20.58			192	32,946	

Minimum	594			10.68	122	11,283	40	3,639	90
Maximum	1,208			20.58	399	41,147	302	33,365	99
Average	889			13.02	238	25,141	148	16,128	97
Sum	3,555			390.66	5,719	603,387	4,448	483,834	2,322

DMR Monthly Report

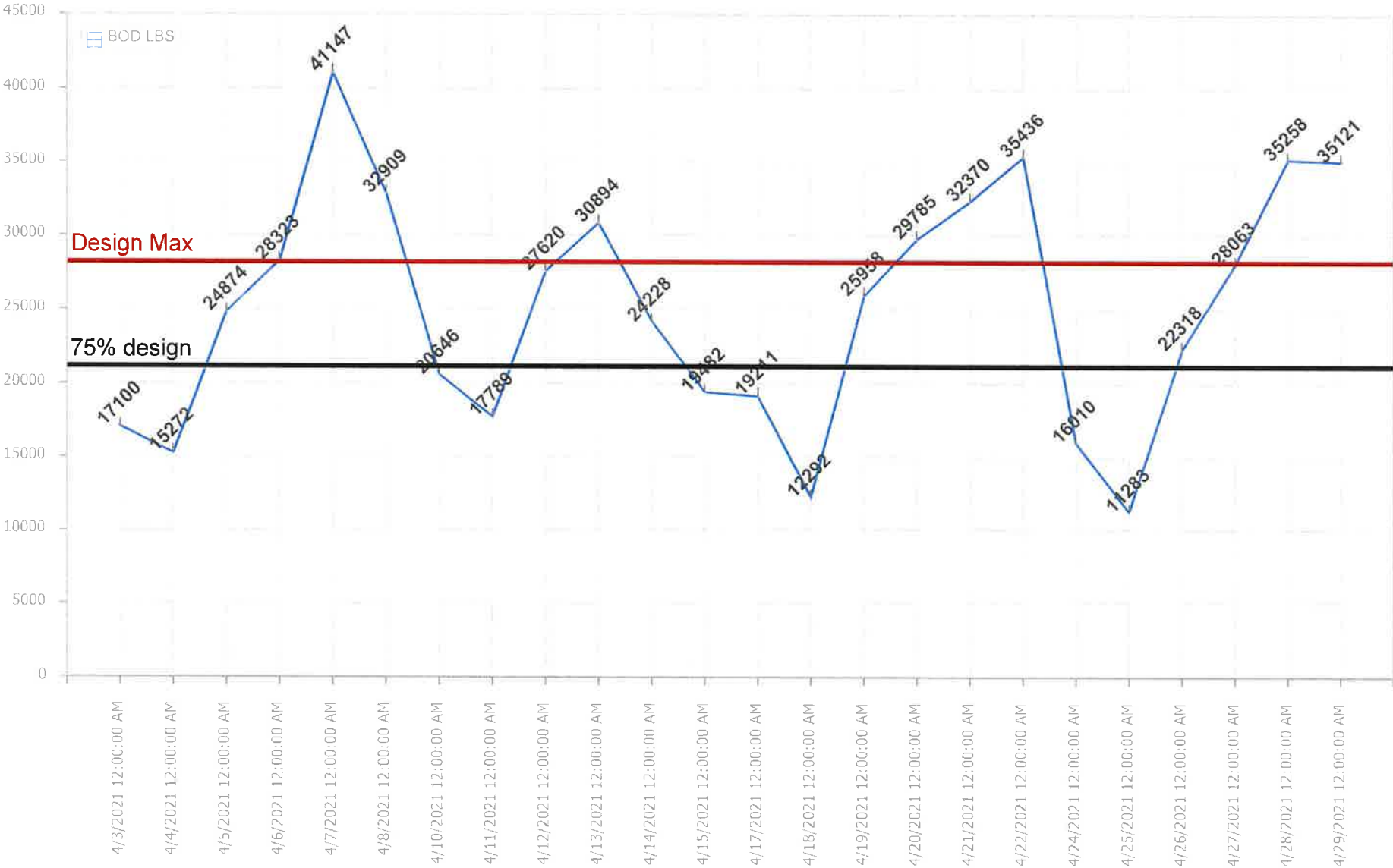
4/1/2021 to 4/30/2021

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
4/1/2021	14.726	7.48	31		3,807				
4/2/2021	13.895		19		2,202				
4/3/2021	13.401		19	38	2,124	5,055	5	9	559
4/4/2021	13.174		26		2,857		4		439
4/5/2021	12.479	7.43	20		2,081		6		624
4/6/2021	12.578	7.39	23		2,413		7		734
4/7/2021	12.365	7.34	23		2,372		18		1,856
4/8/2021	12.853	7.14	21		2,251		22		2,358
4/9/2021	13.178	7.15	5		550				
4/10/2021	12.961		2	17	216	1,820	5	10	540
4/11/2021	13.086		8		873		3		327
4/12/2021	13.247	7.21	23		2,541		6		663
4/13/2021	12.907	7.54	26		2,799		8		861
4/14/2021	12.362	7.39	21		2,165		8		825
4/15/2021	12.041	7.18	14		1,406		5		502
4/16/2021	11.812	7.39	4		394				
4/17/2021	11.575		10	15	965	1,592	4	6	386
4/18/2021	11.337		21		1,986		6		567
4/19/2021	11.277	7.50	21		1,975		8		752
4/20/2021	11.865	7.46	28		2,771		6		594
4/21/2021	12.167	7.43	24		2,435		6		609
4/22/2021	11.673	7.43	31		3,018		12		1,168
4/23/2021	11.298	7.57	20		1,885				
4/24/2021	10.907		13	23	1,183	2,179	3	7	273
4/25/2021	11.089		34		3,144		6		555
4/26/2021	10.704	7.39	32		2,857		5		446
4/27/2021	10.682	7.49	27		2,405		4		356
4/28/2021	18.301	7.23	130		19,842		22		3,358
4/29/2021	20.149	7.10	32		5,377		8		1,344
4/30/2021	20.575	7.22	8		1,373				

Minimum	10.682	7.10	2	15	216	1,592	3	6	273
Maximum	20.575	7.57	130	38	19,842	5,055	22	10	3,358
Average	13.022	7.36	24	23	2,742	2,662	8	8	862
Sum	390.664	154.46	716	93	82,266	10,645	187	32	20,700

KRMA influent BOD pounds

Average Lbs. BOD: 25,141.21



Influent BOD loading Lbs - Monthly AVG

25,141 Lbs./Day

04/01/2021 - 04/30/2021

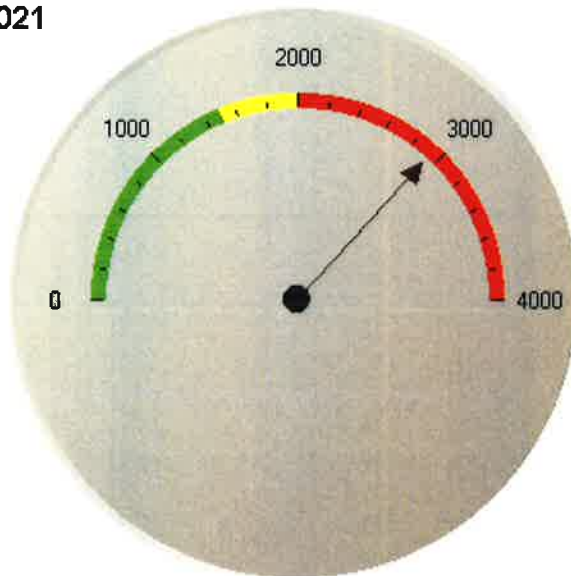


0 to 21150 - Target Loading
21150 to 28200 - Above 75% Threshold
Above 28200

Influent NH3 loading Lbs - Monthly AVG

2,935 Lbs./Day

04/01/2021 - 04/30/2021

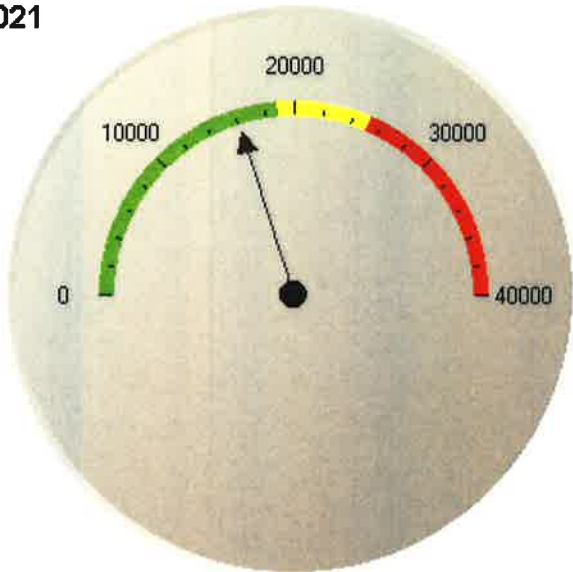


0 to 1500 - Target Loading
1500 to 2000 - Above 75% Threshold
Above 2000

Influent TSS loading Lbs - Monthly AVG

16,128 Lbs./Day

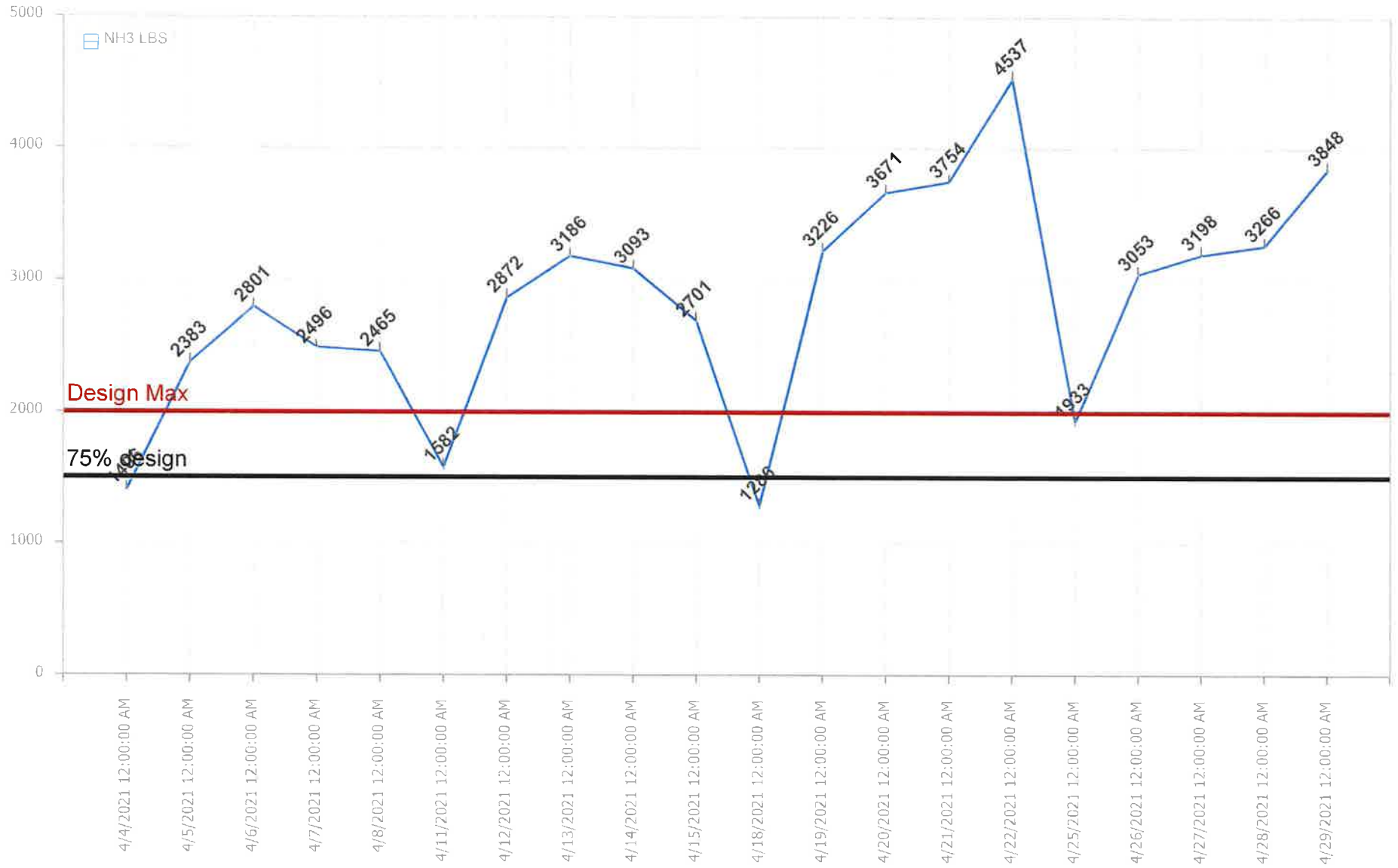
04/01/2021 - 04/30/2021



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

KRMA influent NH3 pounds

Average Lbs. NH3: 2,837.85



ATTACHMENT

B

ATTACHMENT

C



SAFETY MEETING
May 4, 2021
9:30am & 1:30pm
Agenda

I. Safety Minutes

Review minutes from April 2021

II. Old Business

There were no lost time accidents for the month of April 2021

III. New Business

A. Safety Training

Cl2/SO2 Safety Training; Alexander Chemical Corporation

B. Safety Concerns

C. Safety Team Leader Report

D. Open Discussion

Next Meeting: Thursday, June 10, 2021 9:30am & 1:30pm



SAFETY MEETING
April 8, 2021
9:30am & 1:30pm
Minutes

In attendance:

9:30am session:

Melanie Gossett, Facilitator

Shaun Ownbey Dan Combs Shawn Malone

Mike Arseneau Nick Tucker

1:30pm session:

Melanie Gossett, Facilitator

Jack Renchen Jim Churney Ron Haney Brian Power

Bryan Kennedy Andy Summers

Absent:

Dustin Scheppler, Nick Scheppler, Mike Gowler , Josh Peters , Max Gossett, John Lund

I. Safety Minutes

Reviewed minutes from March 9, 2021 – Approved with one language correction: “lead washers should be changed every time the tank **actuator** closes if circumstances allow.”

II. Old Business

There were no lost time accidents reported for the month of March 2021.

III. New Business

A. Safety Training

1. In preparation for the May 1st chlorination/dechlorination season, the Chlorine Institute Safety video was presented.
2. Video was followed by a Q&A
 - a. When opening a tank, be sure to turn the wrench no more than a half turn (do not remove wrench from nut to open further).
 - b. If valve is tight, turn the tank and try the other valve. If the valve continues to be unreasonably tight, return to vender.

c. In the case of a leak, what ppm would be considered a “major” leak?

✓ 3 ppm

d. Is there any plan to change out the piping to allow better access to the tank valves?

✓ Not at this time.

e. The video mentions video surveillance on the Cl₂/SO₂ containment area. Is this something that should be implemented?

✓ Being considered. Currently all access doors are locked and only KRMA staff has permissives.

B. Safety Concerns

1. The hose assembly for spraying the foam on the bar screens can be a tripping hazard.

✓ Possibly reconfigure to remove hoses from the floor.

2. No other concerns mentioned.

C. Safety Team Report

No other issues shared.

D. Open Discussion

1. Information in regards to the CEU program was shared.

2. Everyone was updated on the blower and generator status.

3. A question was asked about the status on secondary clarifier scum pump?

✓ 4 weeks.

4. Is there a plan to asphalt service roads around the secondary clarifiers?

✓ Possibly in the future.

5. The SCADA screens in building 55 and 65 are not operating properly using the cursor.

✓ Dustin will check the mentioned screens.

6. Can the EIC staff log activities into the logbook so operators can be aware of any changes/corrections taking place in the facility?

✓ Yes. They currently log information. A request will be made to add more details if needed.

Next Meeting:

Tuesday, May 4 2021

9:30am & 1:30pm

MANDATORY

Alexander Chemical Corporation

ATTACHMENT

D

FIELD CALIBRATION SHEET

COMPANY: KRMA

CITY: BRADLEY/ RIVER DRIVE

FLOW METER MODEL: Isco Signature

INFLUENT May 3rd, 2021

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 12.5" Level reading 12.61"

LEVEL AFTER: 12.493"

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: 5/3/2021

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 May 3rd, 2021

PRIMARY DEVICE: Flume

FLOW: 0-73.425 MGD

MEASURING DEVICE: Ultrasonic

CHECK POINTS:

LEVEL? YES

FREE FLOWING? Yes

TURBULENCE? NO

BLOCKAGE? NO

SURFACE BUILD-UP? No

HEAD MEASURING DEVICE MOUNTED PROPERLY? YES

BLOCKAGE IN HEAD MEASURING DEVICE? NO

IS FLOW METER PROGRAMMED CORRECTLY? YES

CALIBRATION:

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

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

LEVEL BEFORE:

LEVEL AFTER:

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

LEVEL BEFORE: Target Set 30 MGD AS Found 29.837 MGD

LEVEL AFTER: 30.01 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: 5/3/2021

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 May 3rd, 2021

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? 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 24.068"

LEVEL AFTER: 24.121"

LEVEL FLOW CONVERSION CHECK:

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

TOTALIZER CHECK:

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

CALIBRATED BY: Brian Scheppler

DATE: 5/3/2021

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 May 3rd, 2021

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 30.0 MGD As Found 30.04 MGD LEVEL AFTER: 30.04MGD

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: 5/3/2021

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 May 3rd, 2021

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 23.961

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: 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 5/3/2021

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 May 5th, 2021

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 12.5" As found 12.177"

LEVEL AFTER: 12.177" 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: 5/5/2021

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 May 5th, 2021

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 39.00" As found 38.720"

LEVEL AFTER: 38.720"

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: 5/5/2021

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

ATTACHMENT

E

April 2021 Monthly Pretreatment Sample Analysis (metals, cyanide & VOA) for the permitted industries were a total of **64 samples** and a total of **472 analyses**.

Gilster-Mary Lee Corporation	8 Samples
Kankakee Recycling & Disposal Facility	1 Sample
Laraway Recycling & Disposal Facility	1 Sample
Liberty Landfill, LLC	8 Samples
Livingston Landfill	4 Samples
Natural Gas & Pipeline Co. of America	3 Samples
Newton County Landfill	13 Samples
Odyssey US LLC	3 Samples
Prairie View RDF	7 Samples
Tank Cleaning Solutions, LLC	15 Samples
Zutat Feed Solutions	1 Sample

Volumes Received for April 2021 for trucked-in industries.

City of Momence/Momence Packing	0 gals	0 loads
Gilster-Mary Lee Corporation	87,000 gals	15 loads
Hoffman Transportation, LLC	0 gals	0 loads
Kankakee Recycling & Disposal Facility	7,000 gals	1 load
Lake County C&D Landfill	0 gals	0 loads
Laraway Recycling & Disposal Facility	5,825 gals	1 load
Liberty 3 LFGTE Plant - Wabash Valley Power Alliance	0 gals	0 loads
Liberty Landfill, LLC	951,099 gals	143 loads
Livingston Landfill	162,572 gals	25 loads
Natural Gas & Pipeline Co. of America	35,000 gals	7 loads
Newton County Landfill	1,383,535 gals	215 loads
Odyssey US LLC	71,113 gals	13 loads
Peoria Packing Co.	0 gals	0 loads
Prairie View RDF	196,500 gals	39 loads
Tank Cleaning Solutions, LLC	157,934 gals	34 loads
Zutat Feed Solutions	30,000 gals	5 loads
Totals:	3,087,578 gals	498 loads

The KRMA Facility received a total of **191 loads** of septage which totalled **625,800 gallons** for the month of April 2021

KRMA YEARLY UTILITY USAGE - (2021)

	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	923,110	34	\$ 58,146	\$ 1,710	-	0	923,110	1,131	\$ 0.0630	620,000	66	\$ 4,071	9,394	62
FEBRUARY	805,257	28	\$ 67,560	\$ 2,413	-	-	805,257	1,198	\$ 0.0839	250,000	28	\$ 2,165	8,929	77
MARCH	665,565	28	\$ 44,646	\$ 1,595	-	-	665,565	990	\$ 0.0671	170,000	27	\$ 1,705	6,296	63
APRIL	809,326	31	\$ 53,787	\$ 1,735	-	-	809,326	1,088	\$ 0.0665	410,000	21	\$ 2,898	19,524	138
MAY	0			#DIV/0!				#DIV/0!	#DIV/0!				#DIV/0!	#DIV/0!
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	3,203,258	121	\$ 224,139	#DIV/0!	0	0	3,203,258	#DIV/0!	#DIV/0!			\$ 10,839	#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	44,638	31	\$ 16,871	1440	\$ 544
FEBRUARY	47,672	28	\$ 13,273	1703	\$ 474
MARCH	31,730	31	\$ 15,793	1024	\$ 509
APRIL				#DIV/0!	#DIV/0!
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	124,040	90	\$ 45,937	#DIV/0!	#DIV/0!
	Therms	Days	Total Cost \$/Billing Period	Therms/Day	Total Cost \$/day



Annual Load / Gallon Totals

V-B-2

2021

Month Received	City of Mornence/Mornence Packing	Gilster-Mary Lee Corporation	Hoffman Transportation, LLC	Kankakee Recycling & Disposal Facility	Lake County C&D Landfill	Laraway Recycling & Disposal Facility	Liberty 3 LFGTE Plant - Wabash Valley Power Alliance	Liberty Landfill, LLC	Livingston Landfill	Natural Gas & Pipeline Co. of America	Newton County Landfill	Peoria Packing Co.	Prairie View RDF	Solvay USA, Inc.	Tank Cleaning Solutions, LLC	Zutata Feed Solutions	Total	# Loads
January	138,200	80,000	10,000		57,287			912,664	255,040	50,000	1,331,545		95,432	72,194	180,472	23,000	3,205,834	507
February	168,000	81,000	15,000					1,387,606	166,784	30,000	913,999		25,925	42,583	200,029	18,000	3,028,926	482
March		109,000	25,000	7,000				1,046,929	202,053	115,000	1,405,353	3,500	74,587	72,338	244,479	36,000	3,341,219	543
April		87,000		7,000		5,825		951,099	182,572	35,000	1,383,535		196,500	71,113	157,934	30,000	3,067,578	498
May																		
June																		
July																		
August																		
September																		
October																		
November																		
December																		
Totals	306,200	337,000	50,000	14,000	57,287	5,825		4,298,288	786,449	230,000	5,034,432	3,500	392,424	258,228	782,914	107,000	12,663,557	2,030
Average	153,100	84,250	16,667	7,000	57,287	5,825		1,074,575	196,612	57,500	1,258,608	3,500	98,106	64,557	195,729	26,750	3,165,889	508
Treatment Costs as of 05/01/20	0.082	0.082	0.056	0.056	0.056	0.056	0	0.056	0.056	0.082	0.056	0.082	0.056	0.131	0.082	0.071		
Treatment Costs as of 05/01/19	0	0.071	0.049	0.049	0.049	0.049	0	0.049	0.049	0.071	0.042	0.071	0.049	0.114	0.071	0.071		

KANKAKEE RIVER METROPOLITAN AGENCY

1600 w. Brookmont Blvd

Kankakee, IL 60901

Board of Directors

City of Kankakee

Christopher Curtis, Mayor

304 S. Indiana Avenue

Kankakee, IL 60901

Office: 815-933-0500

cwcurtis@citykankakee-il.gov

Exec. Asst: David Guzman

d_guzman@citykankakee-il.gov

Alderman Danita Grant Swanson

Office: 815-933-8118

dgrswanson@citykankakee-il.gov

Village of Aroma Park

Brian Stump, Mayor

2200 S. Lowe Rd

P.O. Box 117

Aroma Park, IL 60910

Office: 815-937-1212

bstump@villagearomapark.org

Village of Bourbonnais

Paul Schore, Mayor

700 Main N.W.

Bourbonnais, IL 60914

Office: 815-937-3570

mayor@villageofbourbonnais.com

Alderman Larry A. Osenga

Office: 815-295-5804

laosenga@citykankakee-il.gov

Steven Hunter

Contact: 815-933-2605

shunter@k3county.net

Village of Bradley

Robert Romo, Finance Officer

147 South Michigan

Bradley, IL 60915

Office: 815-932-2125

rromo@bradleyil.org

Others:

Executive Director

Dave Tyson

Tyson Engineering

Mooney Drive

Bourbonnais, IL 60914

Office: 815-932-7406

dtyson@reltd.com

Plant Superintendent

Arthur (Art) Strother

Office: 815-933-0444

art@krmawastewater.com

Assistant Plant Superintendent

Dustin Scheppler

Office: 815-933-0444

dscheppler@krmawastewater.com

Assistant Plant Superintendent

Melanie Gossett

Office: 815-933-0444

mgossett@krmawastewater.com

Administrative Assistant

Jennifer Salan

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jennifer@krmawastewater.com

Office Coordinator

Tawonda Brown-Davis

Office: 815-933-0444

tbrown@krmawastewater.com

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Neal Smith

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Bolingbrook, IL 60440-309

Office: 630-929-3639

Fax: 630-783-3231

nsmith@robbins-schwartz.com

Financial/Administrative

Smith, Koelling, Dykstra & Ohm, P.C.

Karen Benson

1605 N Convent

Bourbonnais, IL 60914

Office: 815-937-1997

karenb@skdocpa.com

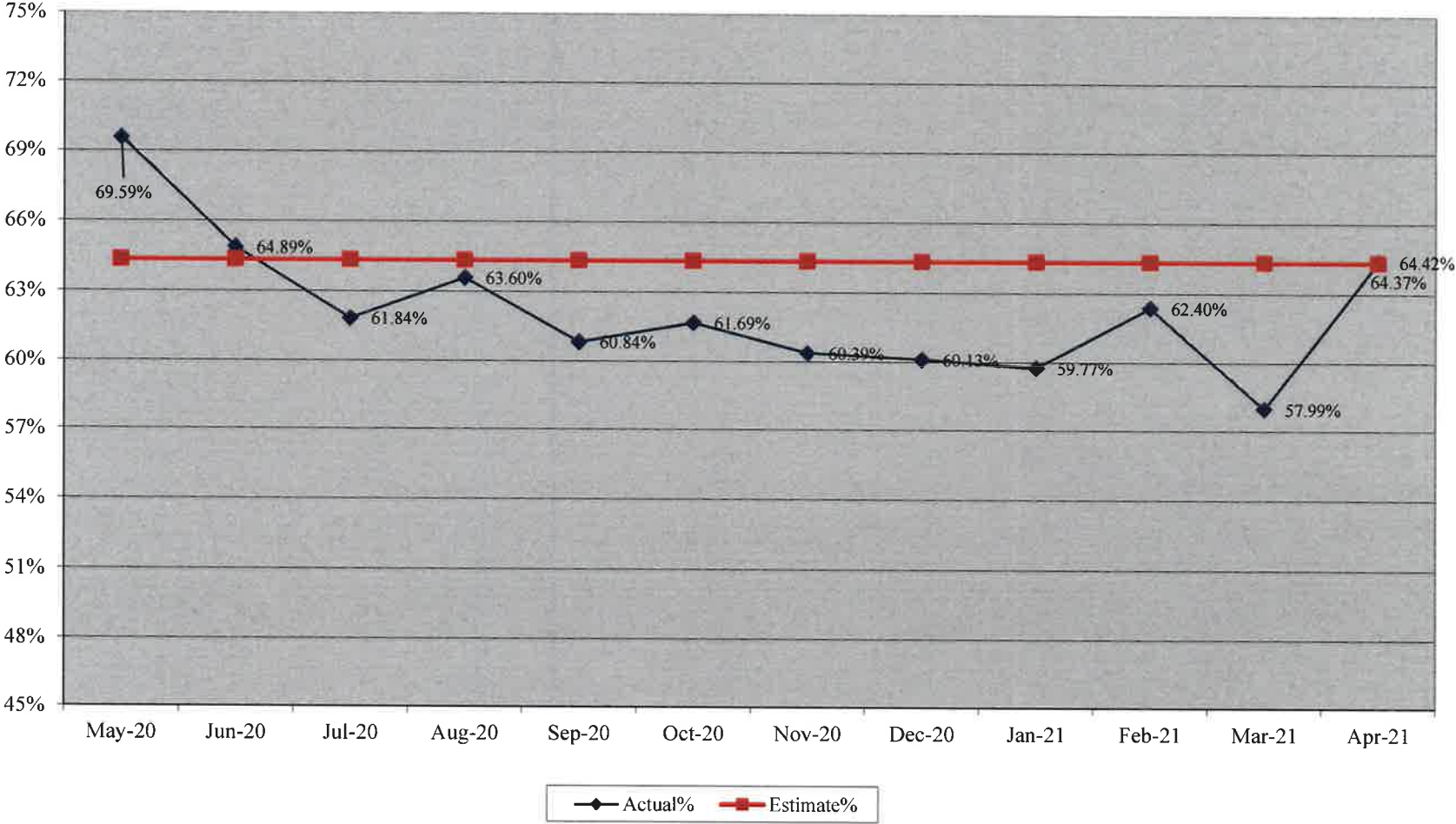


**Monthly TSS/BOD
 Loading Report**
 April, 2021

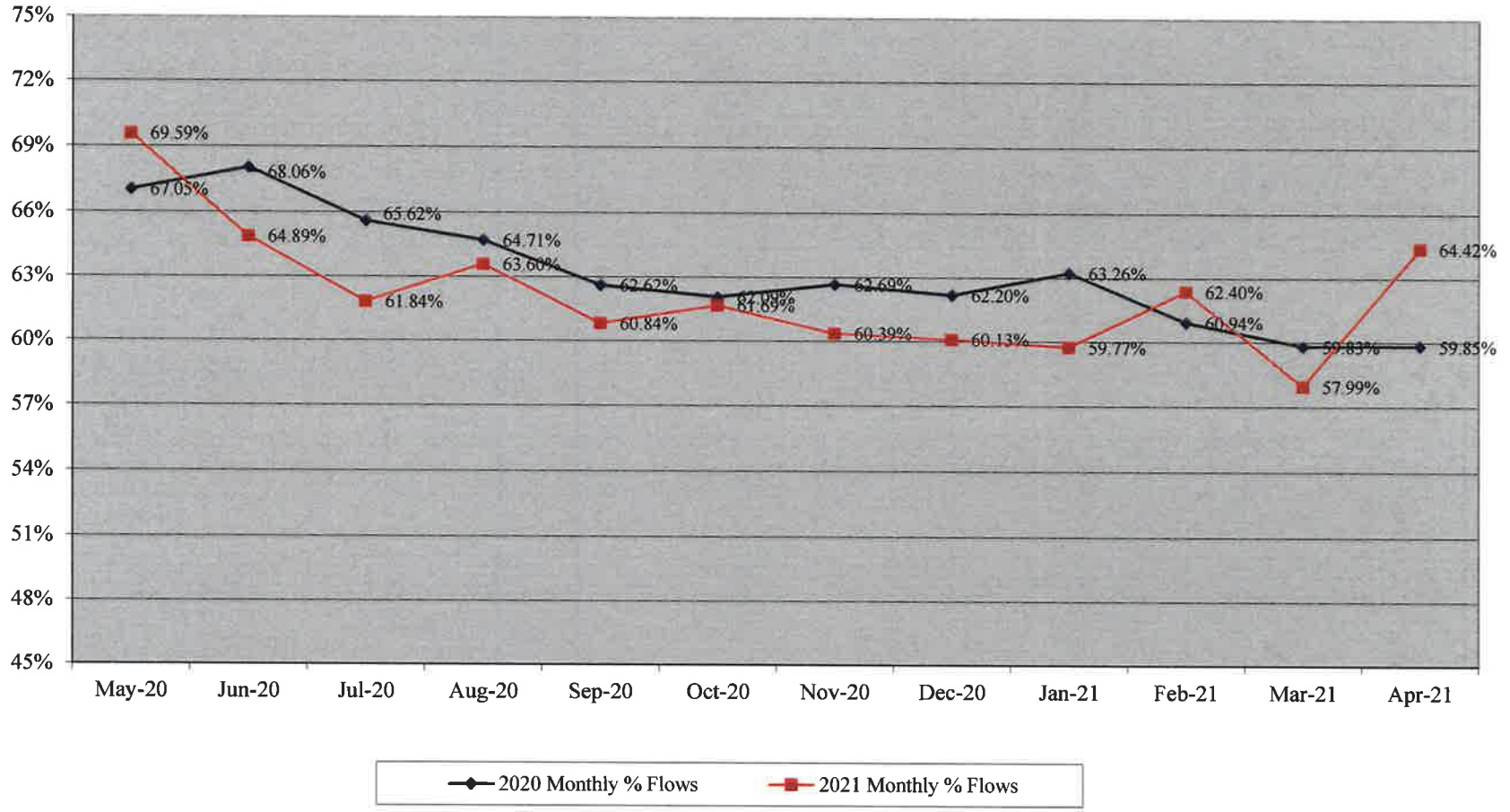
1600 West Brookmont Blvd.
 Kankakee, IL 60901
 Phone: 815-933-0444
 Fax: 815-933-0104

Hauler	Gallons	Lbs TSS	Lbs BOD
City of Mokena/Mokena Packing	0	0	0
Gilster-Mary Lee Corporation	87,000	5,053	4,910
Hoffman Transportation, LLC	0	0	0
Kankakee Recycling & Disposal Facility	7,000	24	84
Lake County C&D Landfill	0	0	0
Laraway Recycling & Disposal Facility	5,825	15	12
Liberty 3 LFGTE Plant - Wabash Valley Pow0		0	0
Liberty Landfill, LLC	951,099	2,695	16,704
Livingston Landfill	162,572	707	5,306
Natural Gas & Pipeline Co. of America	35,000	6	6
Newton County Landfill	1,383,535	18,030	214,993
Odyssey US LLC	71,113	1,200	15,551
Peoria Packing Co.	0	0	0
Prairie View RDF	196,500	424	7,961
Tank Cleaning Solutions, LLC	157,934	315	2,803
Zutat Feed Solutions	30,000	3,133	2,517
Totals:	3,087,578	31,602	270,845

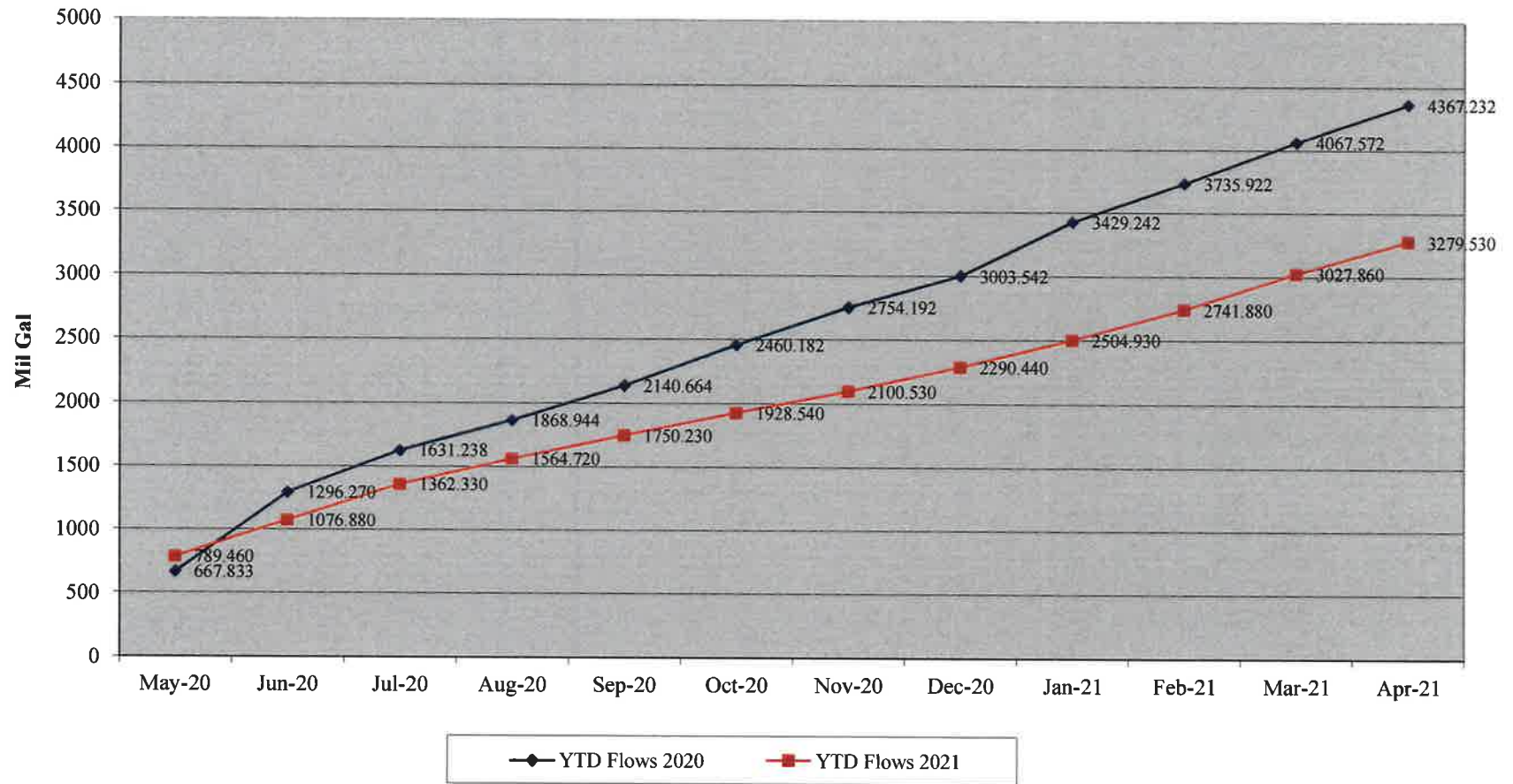
Kankakee River Metropolitan Agency
City of Kankakee
Actual % vs. Estimate FYE 4-30-21



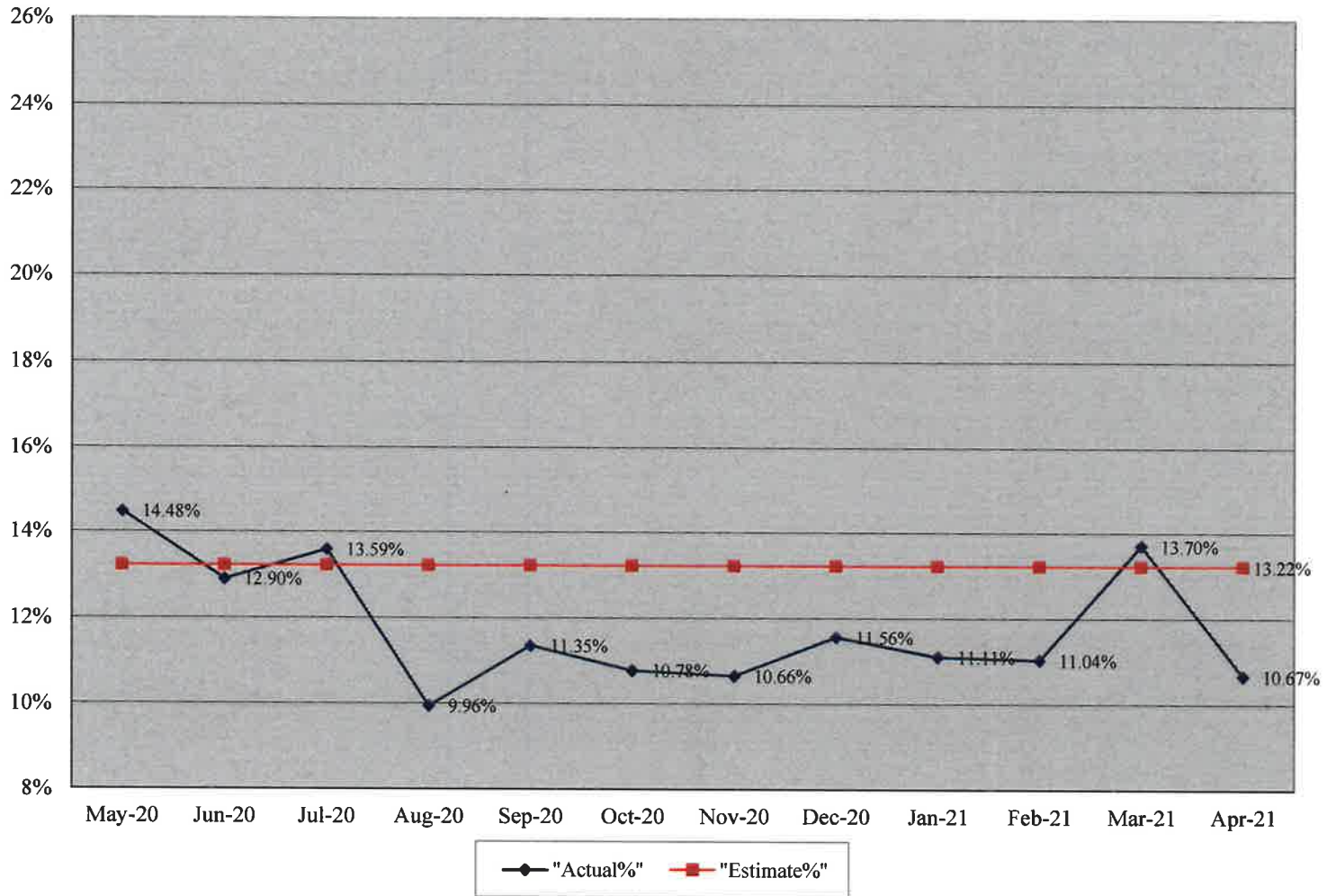
Kankakee River Metropolitan Agency City of Kankakee Monthly % Flows - 2020 vs. 2021



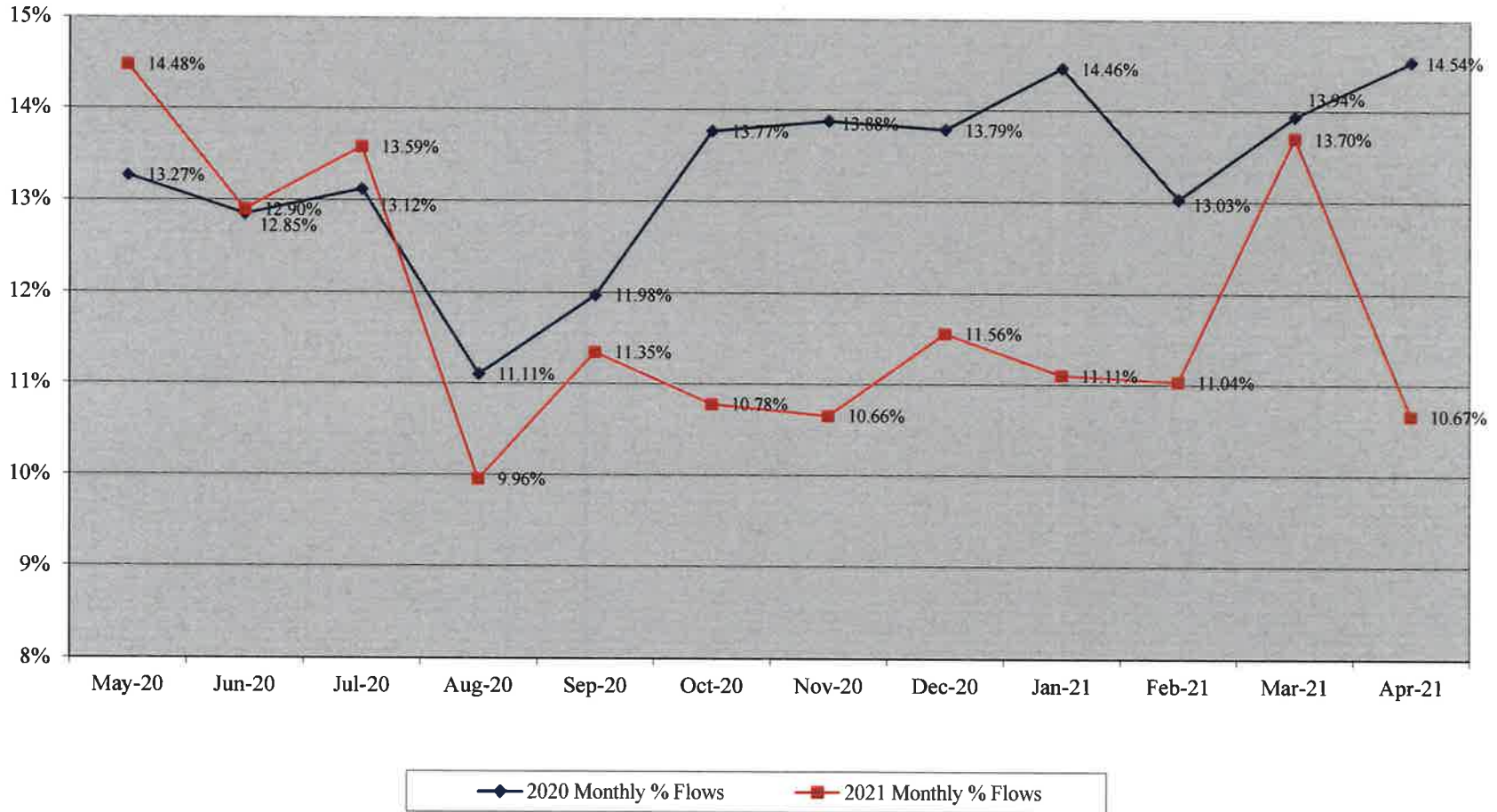
Kankakee River Metropolitan Agency City of Kankakee YTD Flows 2020 vs. 2021



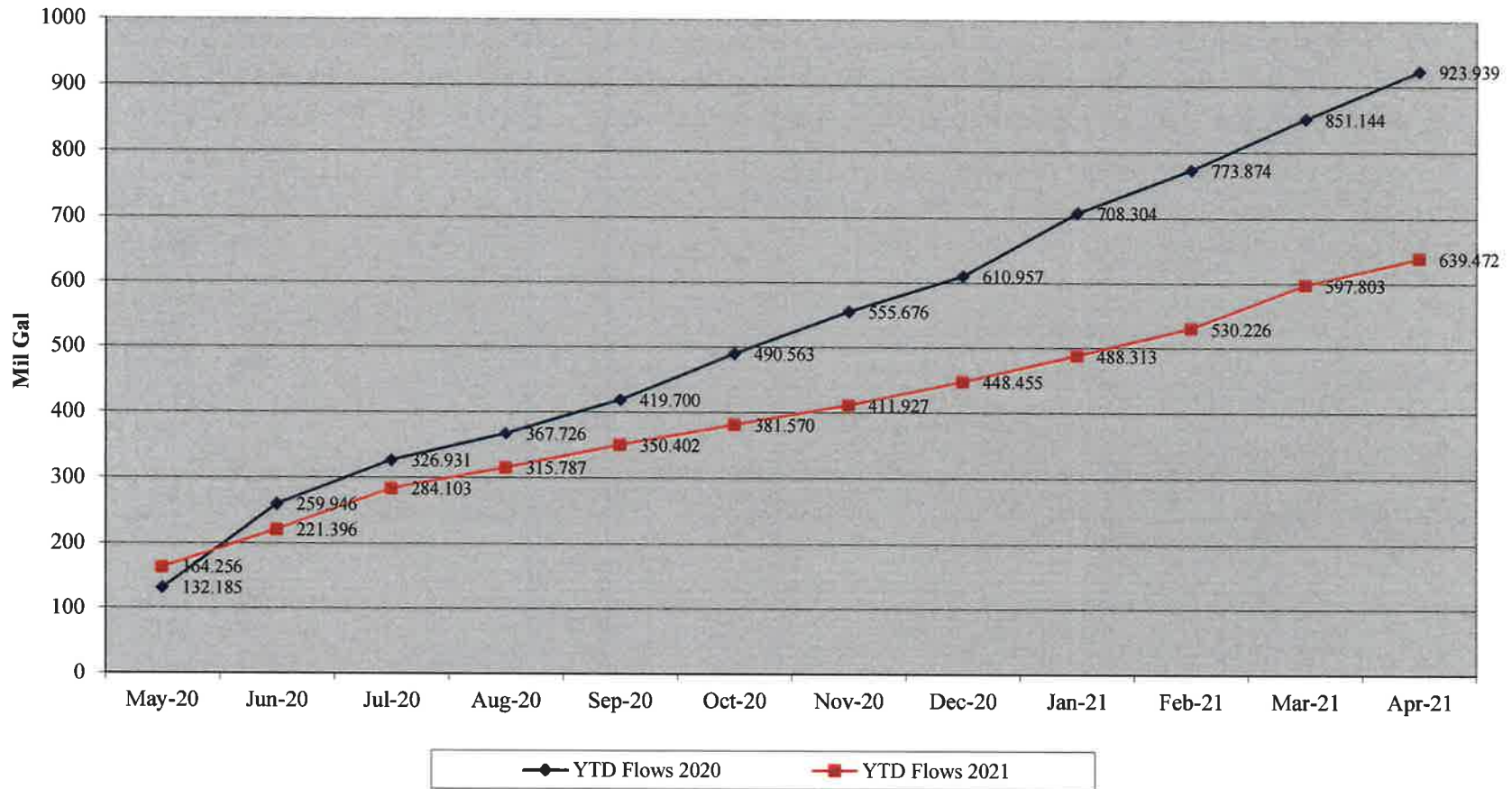
Kankakee River Metropolitan Agency
Village of Bradley
Actual % vs. Estimate FYE 4-30-21



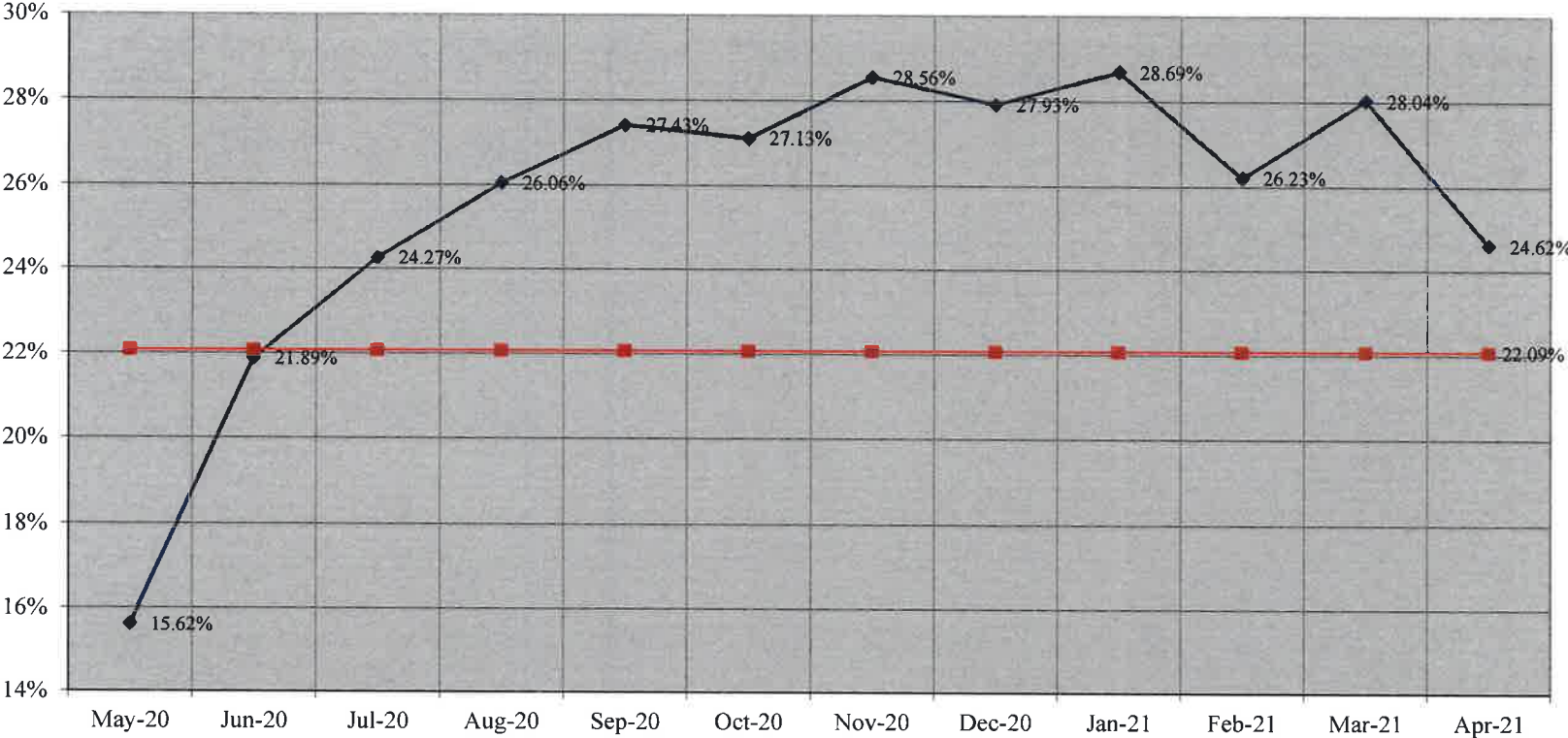
Kankakee River Metropolitan Agency Village of Bradley Monthly % Flows 2020 vs. 2021



Kankakee River Metropolitan Agency
Village of Bradley
YTD Flows 2020 vs. 2021

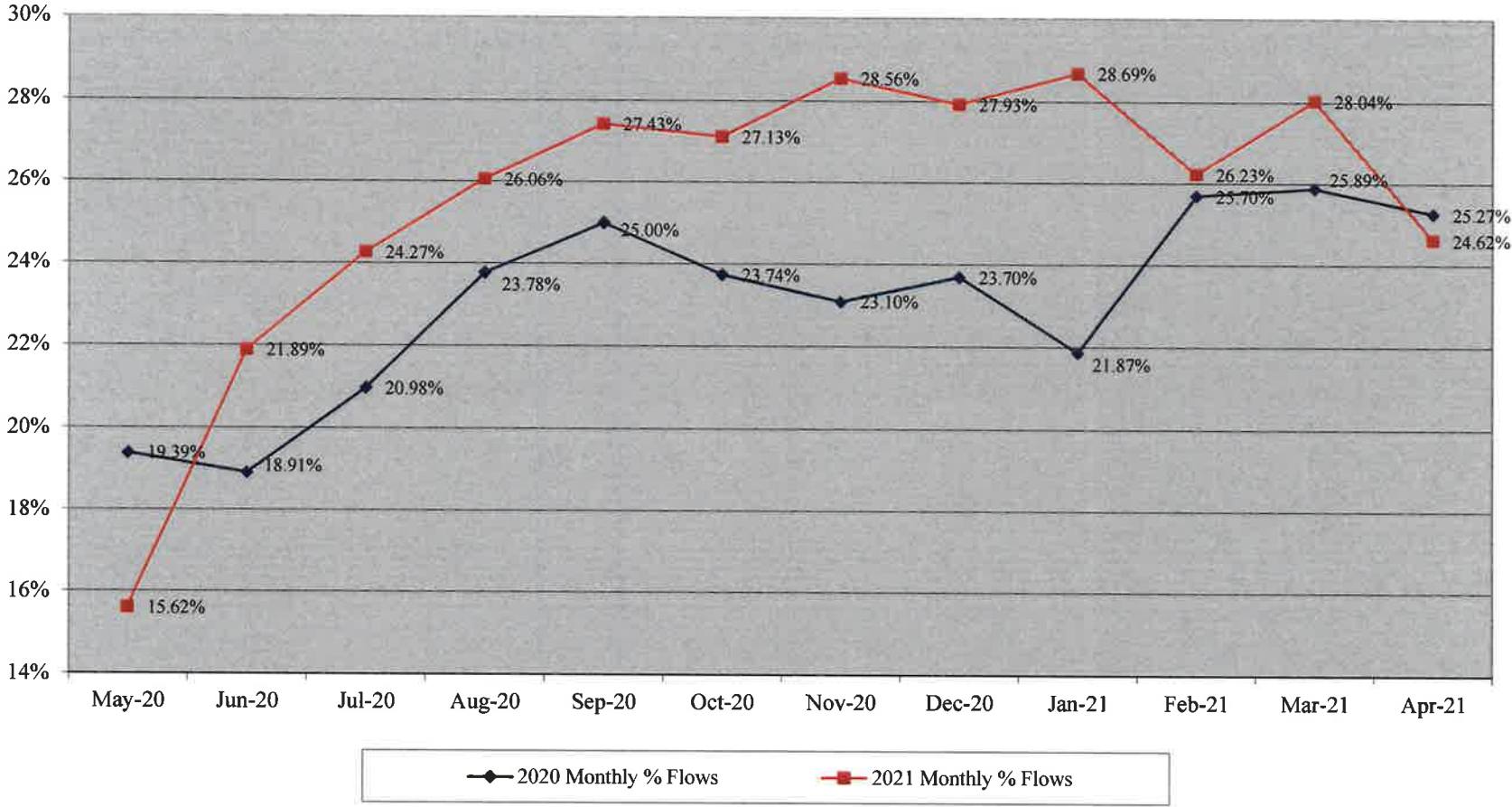


Kankakee River Metropolitan Agency
Village of Bourbonnais
Actual % vs. Estimate FYE 4-30-21

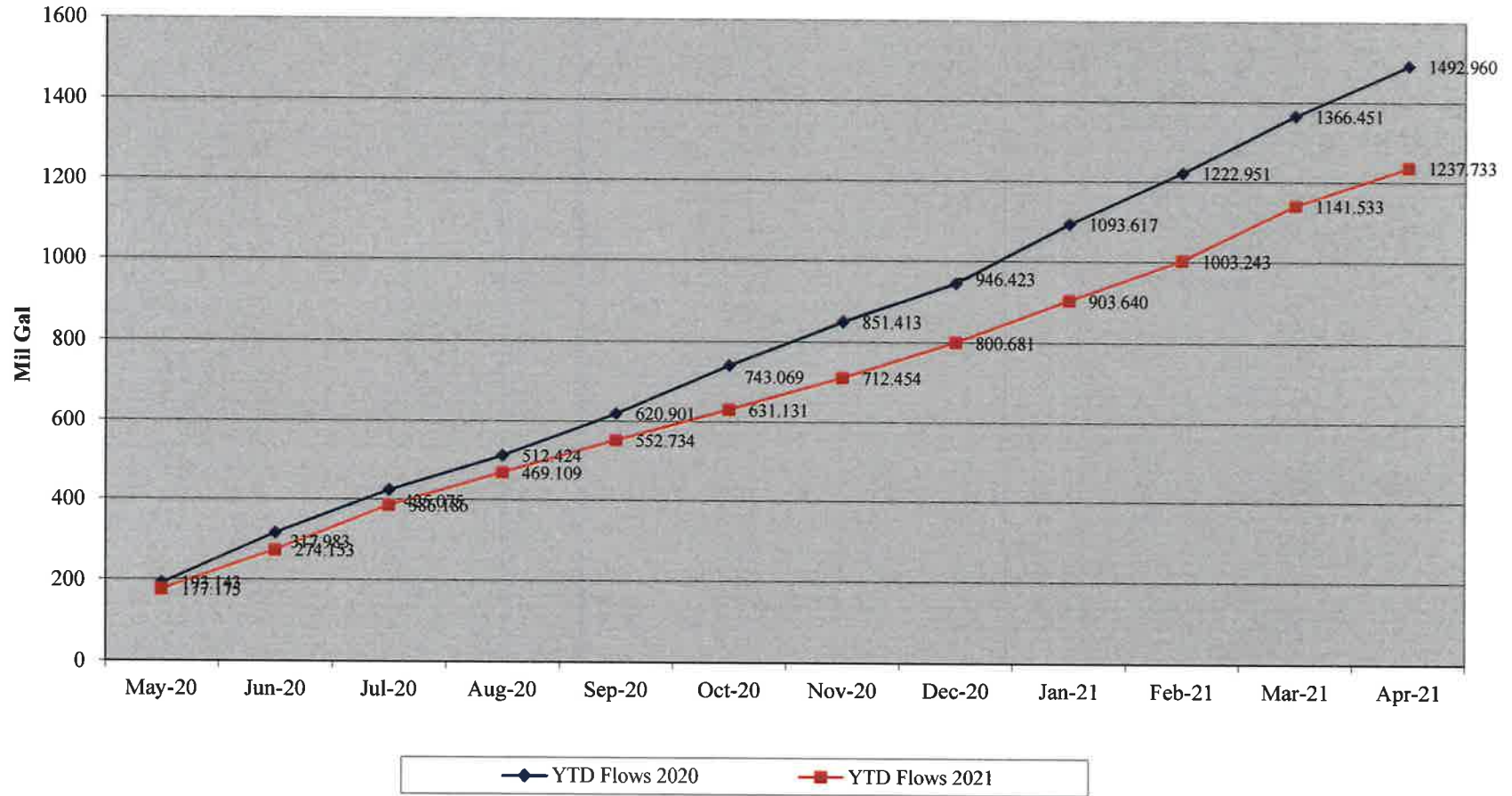


◆ Actual % ■ Estimate %

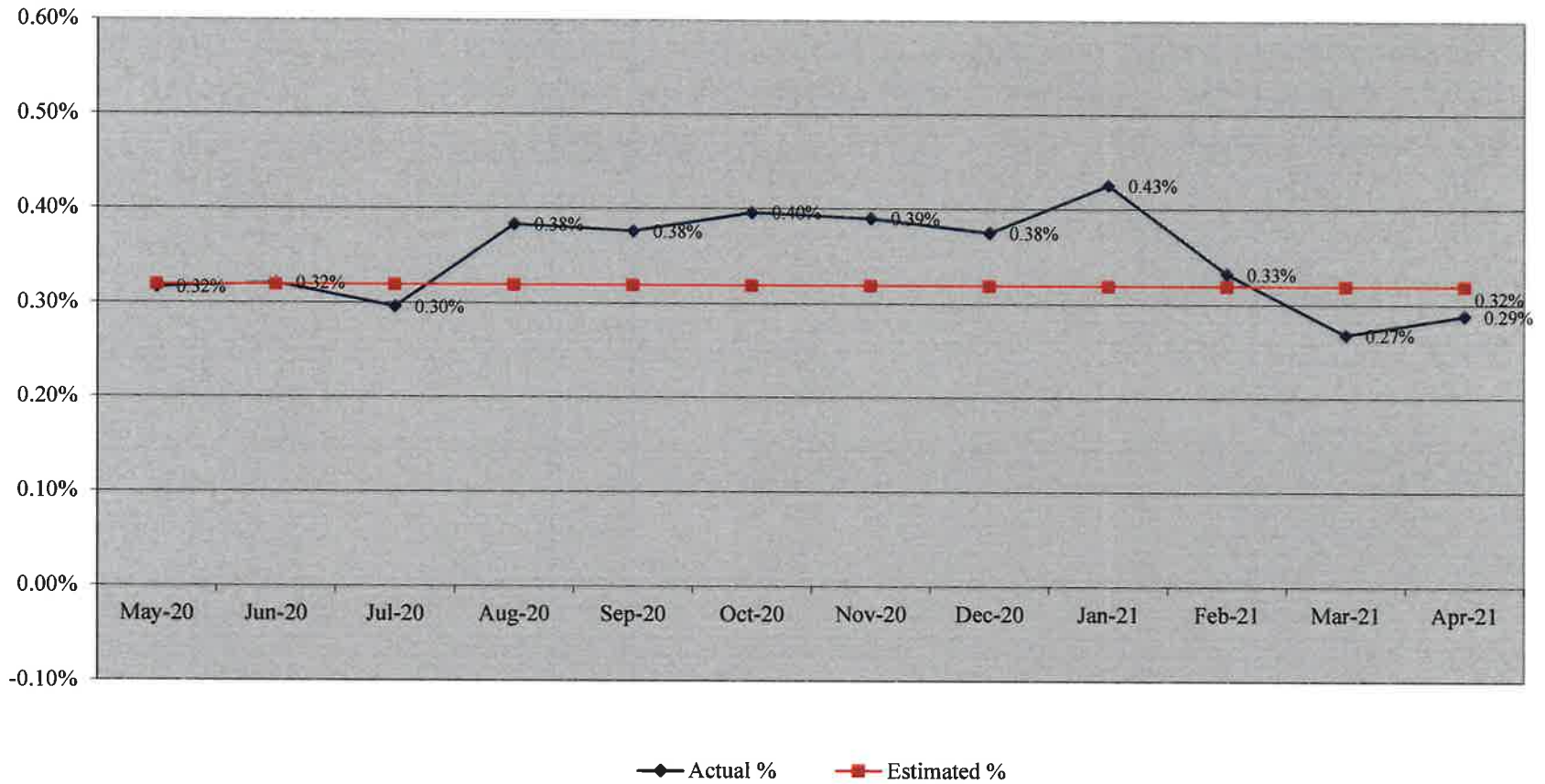
**Kankakee River Metropolitan Agency
Village of Bourbonnais
Monthly % Flows - 2020 vs. 2021**



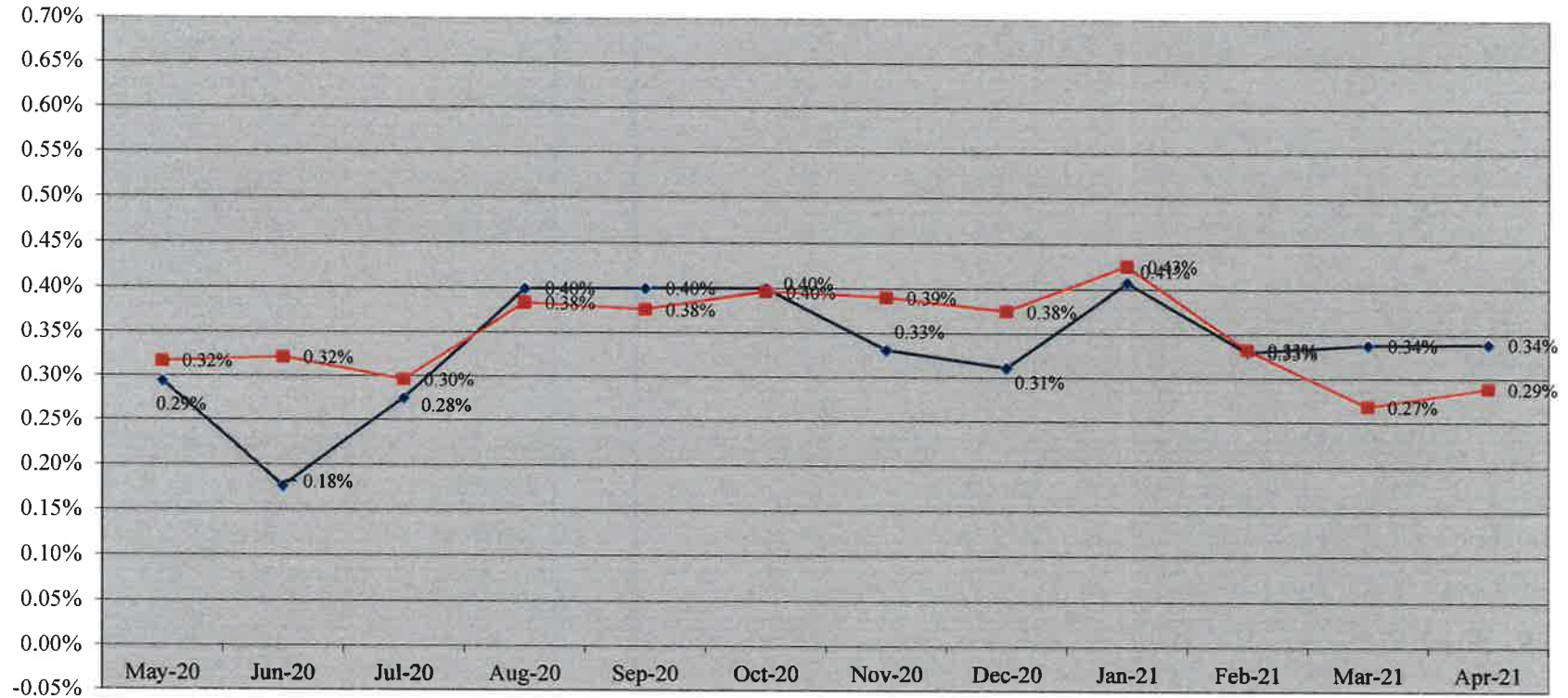
**Kankakee River Metropolitan Agency
Village of Bourbonnais
YTD Flows 2020 vs. 2021**



Kankakee River Metropolitan Agency
Village of Aroma Park
Actual % vs. Estimate FYE 4-30-21

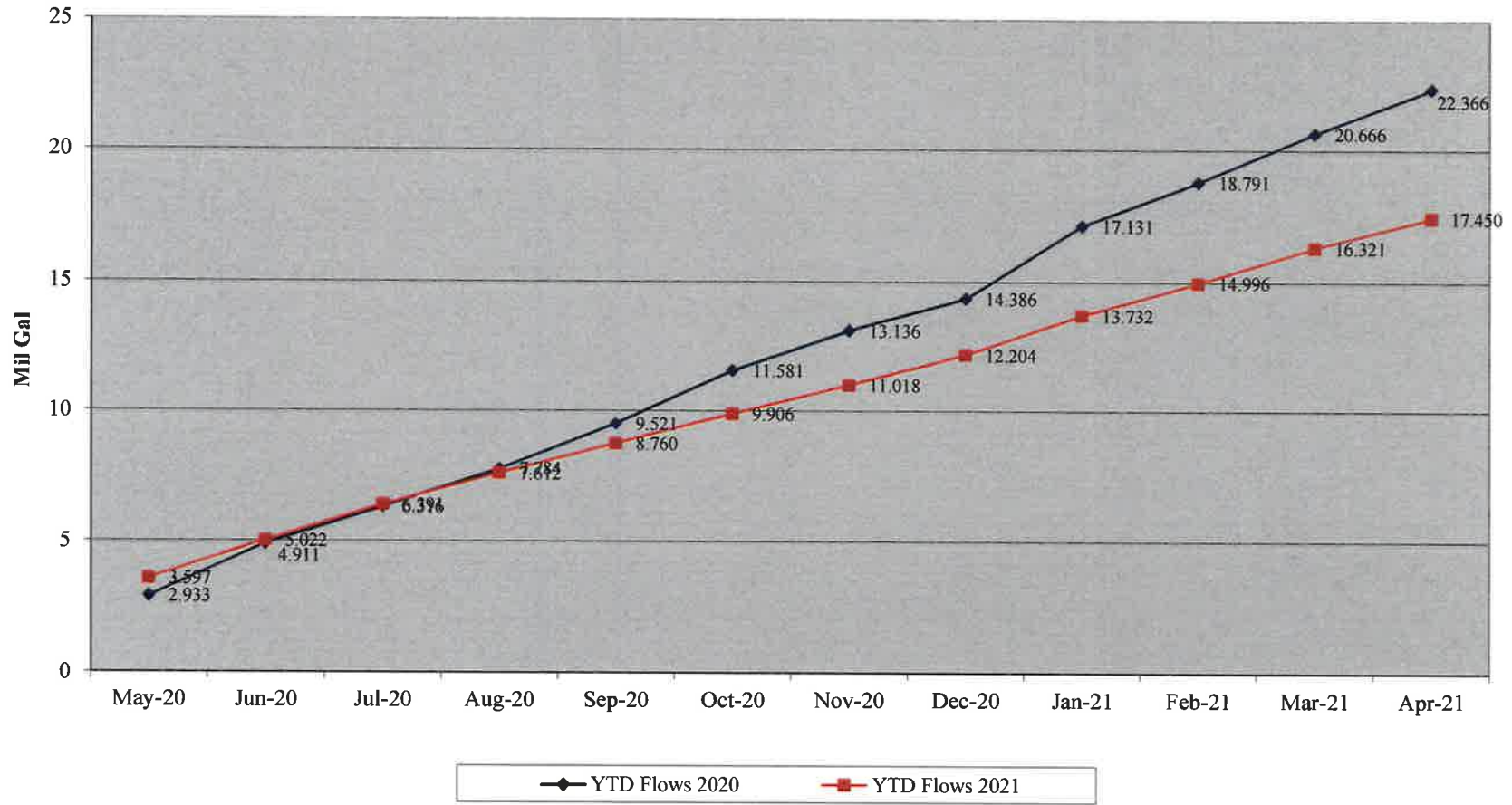


Kankakee River Metropolitan Agency
Village of Aroma Park
Monthly % Flows - 2020 vs. 2021



◆ 2020 Monthly % Flows ■ 2021 Monthly % Flows

Kankakee River Metropolitan Agency
Village of Aroma Park
YTD Flows 2020 vs. 2021



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
5/31/2019	667,833	667,833	67.05%	67.50%	132,185	132,185	13.27%	12.70%	193,143	193,143	19.39%	19.50%	2,933	2,933	0.29%	0.30%	996,094	1,000
6/30/2019	1,296,270	506,810	68.06%	67.50%	259,946	95,690	12.85%	12.70%	317,983	140,808	18.91%	19.50%	4,911	1,314	0.18%	0.30%	744,622	1,000
7/31/2019	1,631,238	334,968	65.62%	67.50%	326,931	66,985	13.12%	12.70%	425,075	107,092	20.98%	19.50%	6,316	1,405	0.28%	0.30%	510,450	1,000
8/31/2019	1,868,944	237,707	64.71%	67.50%	367,726	40,795	11.11%	12.70%	512,424	87,348	23.78%	19.50%	7,784	1,468	0.40%	0.30%	367,318	1,000
9/30/2019	2,140,664	271,720	62.62%	67.50%	419,700	51,974	11.98%	12.70%	620,901	108,477	25.00%	19.50%	9,521	1,737	0.40%	0.30%	433,908	1,000
10/31/2019	2,460,182	319,518	62.09%	67.50%	490,563	70,863	13.77%	12.70%	743,069	122,168	23.74%	19.50%	11,581	2,060	0.40%	0.30%	514,609	1,000
11/30/2019	2,754,192	294,010	62.69%	67.50%	555,676	65,113	13.88%	12.70%	851,413	108,344	23.10%	19.50%	13,136	1,555	0.33%	0.30%	469,022	1,000
12/31/2019	3,003,542	249,350	62.20%	67.50%	610,957	55,281	13.79%	12.70%	946,423	95,010	23.70%	19.50%	14,386	1,250	0.31%	0.30%	400,891	1,000
1/31/2020	3,429,242	425,700	63.26%	67.50%	708,304	97,347	14.46%	12.70%	1,093,617	147,194	21.87%	19.50%	17,131	2,745	0.41%	0.30%	672,986	1,000
2/28/2020	3,735,922	306,680	60.94%	67.50%	773,874	65,570	13.03%	12.70%	1,222,951	129,334	25.70%	19.50%	18,791	1,660	0.33%	0.30%	503,244	1,000
3/31/2020	4,067,572	331,650	59.83%	67.50%	851,144	77,270	13.94%	12.70%	1,366,451	143,500	25.89%	19.50%	20,666	1,875	0.34%	0.30%	554,295	1,000
4/30/2020	4,367,232	299,660	59.85%	67.50%	923,939	72,795	14.54%	12.70%	1,492,960	126,509	25.27%	19.50%	22,366	1,700	0.34%	0.30%	500,664	1,000
		4245,605	63.67%			891,868	13.38%			1508,928	22.63%			21,702	0.33%		6668,103	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
5/31/2020	789,460	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	1,076,880	287,420	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	1,362,330	285,450	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	1,564,720	202,390	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	1,750,230	185,510	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	1,928,540	178,310	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	2,100,530	171,990	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	2,290,440	189,910	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	2,504,930	214,490	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	2,741,880	236,950	62.40%	64.37%	530,226	41,913	11.04%	13.22%	1,003,243	99,603	26.23%	22.09%	14,996	1,264	0.33%	0.32%	379,730	1,000
3/31/2021	3,027,860	285,980	57.99%	64.37%	597,803	67,577	13.70%	13.22%	1,141,533	138,290	28.04%	22.09%	16,321	1,325	0.27%	0.32%	493,172	1,000
4/30/2021	3,279,530	251,670	64.42%	64.37%	639,472	41,669	10.67%	13.22%	1,237,733	96,200	24.62%	22.09%	17,450	1,129	0.29%	0.32%	390,668	1,000
		3279,530	63.383%			639,472	12.359%			1237,733	23.921%			17,450	0.337%		5174,185	12,000

