



LAKE IN THE HILLS SANITARY DISTRICT

515 PLUM STREET • LAKE IN THE HILLS IL 60156 • P: 847-658-5122 • F: 847-658-4523

**AGENDA
REGULAR MEETING
OF THE BOARD OF TRUSTEES
June 18, 2020
7:00 p.m.**

REGULAR MEETING OF THE BOARD OF TRUSTEES (VIA ZOOM)

Roll Call

Approval of the Minutes

Public Comments

Consent Agenda

- A. Approval of Application and Certificate for Payment No. 3 in the amount of \$2,000.00 to Kanzler Construction, LLC for the Richard Taylor Park Bypass Sewer.**
- B. Approval of Application and Certificate for Payment No. 2 in the amount of \$166,300.38 to Martam Construction for the Hagele Beach Lift Station.**
- C. Award of the Electrical Upgrades and Filter Building Improvements Project in the amount of \$239,764.00 to Larson & Larson Builders, Inc.**
- D. Approval of Task Order No. 20-02 in the amount of \$29,762.00 for engineering services related to the Electrical Upgrades and Filter Building Improvements Project.**

Specific Agenda

Treasurer's Report

Approval of Bills

Grand total of all bills presented for approval is \$214,526.69 of which \$26,589.94 is from the General Corporate Fund, \$167,976.75 is from the Operations and Maintenance Fund, \$19,960.00 is from the Construction Fund, and \$0.00 is from the Bond and Interest Fund.



LAKE IN THE HILLS

SANITARY DISTRICT

515 PLUM STREET • LAKE IN THE HILLS IL 60156 • P: 847-658-5122 • F: 847-658-4523

AGENDA
REGULAR MEETING (VIA ZOOM)
OF THE BOARD OF TRUSTEES
June 18, 2020
7:00 p.m.
Page 2

Manager's Report

Operations Update

Engineer's Report

Attorney's Report

Unfinished Business

New Business

Adjournment

Lake in the Hills Sanitary District
Board of Trustees Public Hearing and Regular Meeting Minutes
*(*Virtual Meeting)*
May 14, 2020

**Executive Order 2020-07 provides that for the duration of the COVID-19 Gubernatorial Disaster Proclamation, the provisions of the Open Meetings Act pertaining to in-person attendance of members of a public body are suspended, allowing for Township meetings to be held electronically and providing the public remote access to the proceedings.*

Public Hearing – Budget and Appropriations for Fiscal Year May 1, 2020 through April 30, 2021

Roll Call:

The public hearing was called to order by President Hansen at 7:00 pm using WebEx for virtual attendance and participation. Roll call was answered by President Eric Hansen, Trustee Cheryl Kehoe and Trustee Jessica Reed. Also present were District Manager Tamara Mueller, Assistant District Manager Mike Nelson, District Engineer Peter Kolb of Applied Technologies, Attorney Tom Halleran of Storino Ramello & Durkin and District Treasurer/Clerk Karen Thompson.

Public Comments:

None.

The Budget and Appropriations for Fiscal Year May 1, 2020 through April 30, 2021 was presented.

District Manager stated that she didn't change much from the prior year budget. However, one area that she did change was moving about \$500,000.00 from Capital Improvements-New Construction to Capital Improvements-Collection System. This was done to continue the process of upgrading the controls at all of the lift stations. The upgrades that have been done so far have been well-received and have allowed staff to be able to control some functions remotely.

She also increased the IMRF budget in an effort to pay off the early retirement (ERI) balance. The interest on that balance last year was about \$20,000.00.

Trustee Kehoe had a question about the computer hardware and software expenses. District Manager indicated that this line item is for upgrades that are needed and for software we may need for the TV truck. This number was not increased for the 2020-2021 budget.

President Hansen asked if there was any line item in the budget that will be very tight. District Manager indicated that if there was anything that we were going to be tight on, she moved from one line item to another. In fact, she did this for both utilities and emergency communication expenses. She further added that another reason we are upgrading our lift station controls is so that we can cancel our lease lines from AT&T so we can reduce our yearly emergency communications expenses. Currently these lines cost us between \$6,000.00 and \$10,000.00 per month. Once we can get all the lift stations on the cloud with Verizon it will cost us around \$45.00 per month per lift station. This will be a substantial savings over the lease lines that we currently have.

There being no further business to bring before the Board, President Hansen made a motion to adjourn the meeting. This motion was seconded by Trustee Reed. The motion passed after a verbal vote. All Board members who were present voted aye.

The public hearing meeting was adjourned at 7:05 pm.

Board of Trustees Regular Meeting

Roll Call:

The regular meeting was called to order by President Hansen at 7:06 pm using WebEx for virtual attendance and participation. Roll call was answered by President Eric Hansen, Trustee Cheryl Kehoe and Trustee Jessica Reed. Also in attendance were District Manager Tamara Mueller, Assistant District Manager Mike Nelson, District Engineer Peter Kolb of Applied Technologies, Attorney Tom Halleran of Storino, Ramello & Durkin and District Treasurer/Clerk Karen Thompson.

Approval of Minutes:

Motion was made by Trustee Reed and seconded by President Hansen to approve the minutes of the Regular Board Meeting of April 9, 2020 as presented. On a roll call vote, President Hansen and Trustees Kehoe and Reed voted aye.

Public Comments:

None.

Consent Agenda:

Motion was made by Trustee Kehoe, seconded by Trustee Reed to accept the Consent Agenda. There was no additional discussion.

- A. Ordinance No. 404, An Ordinance for the Combined Budget and Appropriations for Fiscal Year May 1, 2020 through April 30, 2021.
- B. Approval of writing off uncollectable residential accounts per staff's recommendation.

On a roll call vote, President Hansen and Trustees Kehoe and Reed voted aye to approve the Consent Agenda as presented (Items A and B).

Specific Agenda:

None.

Treasurer's Report:

District Treasurer presented final written copies of the April 2020 Treasurer's reports. She reminded the Board that the District's fiscal year ended April 30th, therefore, these reports reflect the full 2019-2020 fiscal year on a cash basis. She also provided a verbal summary of some of the receipts and expenses.

She further stated that, as reflected on the Governmental Funds Treasurer Report, the District paid an extra \$87,676.54 towards our IMRF ERI balance. This is the amount that was remaining in the 2019-2020 budget. She further stated that the distribution schedule for 2019 taxes was received from the County. Based on this schedule, our first installment is expected on June 1st.

Motion was made by President Hansen, seconded by Trustee Kehoe, to approve the April 2020 Treasurer's reports. On a roll call vote, President Hansen, Trustee Kehoe and Trustee Reed voted aye.

Approval of Bills:

District Treasurer presented a list of bills for approval. She highlighted some of the bills that were atypical or higher than usual. She also informed the Board that we found a cheaper option for the District's firewall service. Last month a bill was approved to SonicWall for \$1,516.00 for this service. However, a couple of days after the check was mailed, our IT consultant found it for a significantly cheaper price of \$626.00 through a different vendor. Since the check to SonicWall had not yet cleared the bank, the District Treasurer placed a stop payment on the check and called them to let them know that they should not cash it. The new firewall provider (Virtual Graffiti) was paid via a charge to our credit card. District Treasurer wanted to make sure the Board was aware of this so there was no confusion about the same service being paid for twice. She further added that she has all of the bills with her in case anyone would like any additional detail.

Motion was made by President Hansen and seconded by Trustee Kehoe to approve the List of Bills as presented for payment totaling \$233,042.61 of which \$106,697.38 is from the General Corporate Fund, \$109,143.23 is from the Operations & Maintenance Fund, \$17,202.00 is from the Construction Fund and \$0.00 is from the Bond & Interest Fund.

The motion passed after a roll call vote; President Hansen, Trustee Kehoe and Trustee Reed voted aye. (A list of the approved bills will be kept with the Board Meeting documents).

Manager's Report:

District Manager presented a written copy of the April 2020 Manager's Report and provided a verbal summary.

She indicated that there were three resident calls in April and none were the District's issue.

As a result of almost 3" of rain in a 36 hour time frame we did have some seepage from the Dam lift station. She believes that they have found a solution for this issue and are in the process of implementing that solution.

There were no extra collection system activities or personnel activities due to COVID-19.

Our flows are up about a million gallons per day. This is most likely due to the fact that everyone is staying home as a result of the COVID-19 pandemic. Additionally, we have had heavy rains which are also a contributing factor.

Revenues from last quarter are down about \$25,000.00 from the prior quarter. As previously mentioned, in light of the pandemic, we did not send out past due bills and are not assessing penalties. Additionally, we will not be doing any water shut offs in May and are considering continuing this into June. District Manager is looking for direction from the Board regarding how long they want to continue this.

Motion was made by President Hansen, seconded by Trustee Kehoe to accept the April 2020 Manager's Report as presented.

After the motion was made and seconded, discussion took place regarding the stoppage of penalties and shut offs. It is the Board's position to wait and see what happens before making any final decision. President Hansen indicated that we should also follow what the County does so there is consistency.

The motion passed after a roll call vote; President Hansen, Trustee Kehoe and Trustee Reed voted aye.

Engineer's Report:

District Engineer, Peter Kolb of Applied Technologies, provided a written report and also provided photos from the Beach Lift Station project. He also presented a verbal summary.

Task Order 19-02 (Electrical Upgrades & Filter Building Improvements) – Invitations to bid were sent out to prospective bidders and a notice was published on May 8th and will be published again tomorrow, May 15th. Sealed bids will only be accepted via the electronic bid service through QuestCDN.com until 10 a.m. on May 28, 2020. All bids will be publicly read aloud during a virtual meeting immediately following 10 a.m. on May 28th. All bidders will get a bid tabulation report with the results. The Engineer's estimate of probable construction cost is \$310,000.00. District Engineer anticipates that we will get some good bids for this project. He plans to bring the award recommendation to the Board at the June meeting. Construction will be from July to October of 2020.

Task Order 19-04 (Hagele Beach Lift Station Construction) – Construction activities are continuing. Photos of the project status were presented to the Board. The wetwell, valve vault and meter vault structures are in place. Piping installation is being completed this week. Martam Construction did not request a progress payment for this month's meeting, but he anticipates that there will be one for the June meeting. According to the Village, the earliest that the beach would be open to the public is June 1, 2020. This date is still tentative and subject to change depending on the Governor's Executive Order. Substantial completion No. 1 was May 11, 2020 and included backfill, rough grading, and force main installation amongst other items. Martam Construction has had some delays due to COVID-19 and the weather. Applied Technologies is working closely with Martam to make modifications to their schedule to achieve completion of tasks. During a meeting this morning, Martam agreed that they will be pulling plates and backfilling around all of the structures starting next Monday. The restoration of the Beach area will also start next week. Martam also committed to installing fencing to block off the construction area should the beach open on June 1st. Substantial completion No. 2 is July 10, 2020 and includes equipment installation, startup and testing, and demolition of the existing station.

Task Order 20-01 (Phosphorus Reduction Study & Discharge Plan) – They have coordinated doing another non-reactive phosphorus analysis of the plant effluent. The results from the first analysis were surprising, so they wanted to do another one to double check and confirm. They are developing influent and effluent reduction measures and are in communication with the IEPA for report requirements and to determine what information they already have.

Attorney's Report:

Attorney Tom Halleran presented a verbal report on behalf of District Attorney Ann Williams. He indicated that Storino, Ramello & Durkin are recommending that their clients continue with virtual meetings as provided by the Governor's Executive Order as long as they are working well for their clients. The current Order is in effect until May 30, 2020. Phase 3 of the Governor's reopening plan would potentially go into effect on May 29th. Attorney Halleran anticipates that the Governor will issue a new Order prior to the expiration date and

sign it the day after the prior Order expires. This new Order will contain guidance on how to safely open certain areas. If the District needs direction on any of the protocols related to these Orders, we can reach out to either Ann or himself for assistance.

Unfinished Business:

None.

New Business:

President Hansen wanted to discuss our meeting dates for the remainder of the year. He further added that the District Attorney has a conflict with our current meetings that are scheduled for the 2nd Thursday of the month. It was determined that moving the Board meetings to the 3rd Thursday of the month would work best for everyone. This new information will be posted and published so that the public is aware of this change.

District Manager asked for guidance regarding a Chapter 11 bankruptcy that we received from a commercial customer. She further added that we rarely receive these and want to be sure we are proceeding correctly. Attorney Halleran cannot offer an exact opinion without further information and research, however, he suggested that we could call the Attorney who is handling the bankruptcy for more information. He also recommends that we file a claim by the date noted in the paperwork in an effort to increase our odds of getting paid for what is owed to us.

Adjournment:

There being no further business to bring before the Board, President Hansen made a motion to adjourn the meeting. Trustee Reed seconded. The motion passed after a verbal vote. All Board members who were present voted aye.

The meeting was adjourned at 7:36 pm.

Respectfully Submitted,



Karen Thompson,
District Clerk

APPROVED this _____ day of _____, 2020.

President Hansen

June 16, 2020

Lake in the Hills Sanitary District
515 Plum Street
Lake in the Hills, Illinois 60156



Re: Richard Taylor Park Bypass Sewer
Kanzler Construction, LLC. Pay Request #3 - FINAL

Dear Lake in the Hills Sanitary District Board of Trustees:

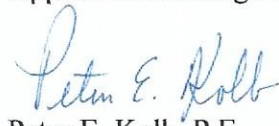
Kanzler Construction, LLC has submitted the attached invoice for Pay Request #3 - FINAL, for the Lake in the Hills Sanitary District Richard Taylor Park Bypass Sewer project. This is the FINAL Pay Request and will close this project with a total Project cost of \$114,339.25. The original Contract was for \$140,335.700. An accompanying Change Order No. 1 reduces the Contract to the Final Cost.

The recommended approved payment includes paying out the retainage of \$2,000.

Please call if you have any questions or comments regarding the above.

Sincerely,

Applied Technologies, Inc.



Peter E. Kolb, P.E.

Enclosures

cc: Tamara Mueller, Lake in the Hills Sanitary District



Contractor's Application for Payment No. 3

Application Period FINAL	Application Date 6/12/2020	
To Lake in the Hills Sanitary District 515 Plum Street Lake in the Hills, IL 60156	Via (Engineer) Applied Technologies, Inc 100 Park Avenue Lake Villa, IL 60046	
Project Richard Taylor Park Bypass Sewer	Contract	
Owner's Contract No.	Engineer's Project No. 6376	

Application For Payment Change Order Summary

Approved Change Order Number	Additions	Deductions
TOTALS		\$26,016.45
	NET CHANGE BY CHANGE ORDERS	-\$26,016.45

1. ORIGINAL CONTRACT PRICE..... \$ 5140,255.70
2. Net change by Change Orders..... \$ -526,016.45
3. Current Contract Price (Line 1 + 2)..... \$ 5114,239.25
4. TOTAL COMPLETED AND STORED TO DATE
(Column F total on Progress Estimates)..... \$ 5114,239.25
5. RETAINAGE:
 - a. X \$14,339.25 Work Completed..... \$
 - b. X Stored Material..... \$
 - c. Total Retainage (Line 5.a + Line 5.b)..... \$
6. AMOUNT ELIGIBLE TO DATE (Line 4 - Line 5.c)..... \$ 5114,239.25
7. LESS PREVIOUS PAYMENTS (Line 6 from prior Application)..... \$ 512,259.25
8. AMOUNT DUE THIS APPLICATION..... \$ 51,000.00
9. BALANCE TO FINISH, PLUS RETAINAGE
(Column G total on Progress Estimates + Line 8.s above)..... \$

Contractor's Certification
The undersigned Contractor certifies to the best of its knowledge, the following:
(1) All previous progress payments received from Owner on account of Work done under the Contract has been applied on account to discharge Contractor's legitimate obligations incurred in connection with the Work covered by prior Applications for Payment;
(2) Title to all Work, materials and equipment incorporated in said Work, or otherwise listed in or covered by this Application for Payment, will pass to Owner at time of payment free and clear of all Liens, security interests, and encumbrances (except such as are covered by a bond acceptable to Owner indemnifying Owner against any such Liens, security interests, or encumbrances); and
(3) All the Work covered by this Application for Payment is in accordance with the Contract Documents and is not defective.

By: Date: 6/15/20

Payment of \$ 51,000.00
or if or other - attach explanation of the other amount

is recommended by Peter E. Rolk (Engineer) Date: 6/10/20

Payment of \$ 72,000.00
(Line 8 or other - attach explanation of the other amount)

is approved by _____ (Owner) Date: _____

Approved by: _____ Funding or Financing Entity (if applicable) Date: _____

Date of Issuance: _____ Effective Date: _____
 Owner: Lake in the Hills Sanitary District Owner's Contract No.: _____
 Contractor: Kanzler Construction, LLC Contractor's Project No.: _____
 Engineer: Applied Technologies, Inc. Engineer's Project No.: PN 6376
 Project: Richard Taylor Park Bypass Sewer Contract Name: Richard Taylor Park Bypass Sewer

The Contract is modified as follows upon execution of this Change Order:

Description:
 See attached Change Order No. 1 Summary

Attachments: *[List documents supporting change]*

CHANGE IN CONTRACT PRICE	CHANGE IN CONTRACT TIMES <i>[note changes in Milestones if applicable]</i>
Original Contract Price: \$ <u>140,355.70</u>	Original Contract Times: Substantial Completion: <u>February 20th, 2020</u> Ready for Final Payment: <u>March 21st, 2020</u> days or dates
[Increase] [Decrease] from previously approved Change Orders: \$ <u>0</u>	[Increase] [Decrease] from previously approved Change Orders No. <u> </u> to No. <u> </u> : Substantial Completion: _____ Ready for Final Payment: _____ days
Contract Price prior to this Change Order: \$ <u>140,355.70</u>	Contract Times prior to this Change Order: Substantial Completion: _____ Ready for Final Payment: _____ days or dates
[Increase] [Decrease] of this Change Order: \$ <u>(26,016.45)</u>	[Increase] [Decrease] of this Change Order: Substantial Completion: _____ Ready for Final Payment: _____
Contract Price incorporating this Change Order: \$ <u>114,339.25</u>	Contract Times with all approved Change Orders: Substantial Completion: _____ Ready for Final Payment: _____ days or dates

<p>RECOMMENDED: By: <u><i>Leta E. Hill</i></u> Engineer (if required) Title: <u><i>District Engineer</i></u> Date: <u><i>6-16-2020</i></u></p>	<p>ACCEPTED: By: _____ Owner (Authorized Signature) Title: _____ Date: _____</p>	<p>ACCEPTED: By: _____ Contractor (Authorized Signature) Title: _____ Date: _____</p>
--	--	--

~~Approved by Funding Agency
 (if applicable)~~

By: *[Signature]* Date: *6/15/20*
 Title: _____

CHANGE ORDER NO. 1 SUMMARY

Lake in the Hills Sanitary District – Richard Taylor Park Bypass Sewer
Net cost of items 1 below = \$ (26,016.45)

Final Quantities Adjustment

- a. Description:
To close contract out to actual installed quantities.
- Cost decrease of \$ 26,016.45
 - Time extension – 0 days
- b. Reason for Change:
Project Close out
- c. Supporting Documents:
Final Quantities

June 16, 2020

Lake in the Hills Sanitary District
515 Plum Street
Lake in the Hills, Illinois 60156



Re: Hagele Beach Lift Station
Martam Construction, Inc. Pay Application No. 2

Dear Lake in the Hills Sanitary District Board of Trustees:

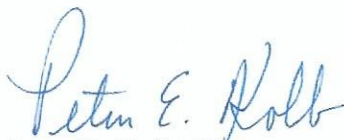
Martam Construction, Inc. has submitted the attached invoice for Pay Request #2, for the Lake in the Hills Sanitary District Hagele Beach Lift Station project. We have reviewed the work and invoice and recommend approval of the payment in the amount of **\$166,300.38**. Martam Construction Inc still needs to submit lien waivers, certified payroll, and signed Pay Application No. 2.

The recommended approved payment includes holding a total retainage of \$39,348.92. Work items included in this invoice are Wet Well, Valve Vault, and Meter Vault Installation, Forcemain Installation, Pumps & Controls, Mechanical Piping Installation, Electrical, and additional Staging Area Allowance.

Please call if you have any questions or comments regarding the above.

Sincerely,

Applied Technologies, Inc.



Peter E. Kolb, P.E.
Enclosures

cc: Tamara Mueller, Lake in the Hills Sanitary District

APPLICATION AND CERTIFICATE FOR PAYMENT / AIA DOCUMENT G702

TO (OWNER):
 Lake in the Hills Sanitary District
 515 Plum Street
 Lake in the Hills, IL 60156

CONTRACTOR:
 Martam Construction, Inc.
 1200 Gasket Drive
 Elgin, IL 60120

CONTRACT FOR:
 Lake in the Hills Sanitary District

PROJECT:
 Lake in the Hills Sanitary District
 Applied Technologies, Inc. (Project #6377)
 Hagele Beach Lift Station - Lake in the Hills

VIA MANAGEMENT FIRM / ARCHITECT:
 Applied Technologies, Inc.
 469 Park Avenue
 Lake Villa, IL 60046
 Attn: Peter E. Kolb, P.E.

MARTAM JOB #: 1294

APPLICATION #: 02

PERIOD FROM: 03/30/20

PERIOD TO: 06/12/20

PROJECT #:

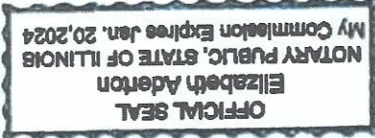
CONTRACT DATE: 11/21/19

DISTRIBUTION TO:
 OWNER
 CONSTRUCTION MNGR
 ARCHITECT
 CONTRACTOR
 OTHER

CONTRACTOR'S APPLICATION FOR PAYMENT

Application is made for payment, as shown below, in accordance with the Contract.
 AIA Document G703, Continuation Sheet, is attached.

1. ORIGINAL CONTRACT SUM \$ 576,600.00
2. NET CHANGE BY CHANGE ORDERS \$ 14,075.20
3. CONTRACT SUM TO DATE (Lines 1 +/- 2) \$ 540,675.20
4. TOTAL COMPLETED AND STORED TO DATE \$ 393,489.20
5. RETAINAGE:
 - a. 10 % of Completed Work \$ (39,348.92)
 (Column 0 + E on 6703)
 - b. % of Stored Material \$
 (Column F on 6703)
 - TOTAL RETAINAGE \$ (39,348.92)
 (Lines 5a + 5b OR total in Column I on 6703)
6. TOTAL EARNED LESS RETAINAGE \$ 354,140.28
 (Lines 4 minus 5 total retainage)
7. LESS PREVIOUS CERTIFICATES FOR PAYMENT \$ 187,839.90
 (Line 6 from prior Certificates)
8. CURRENT PAYMENT DUE \$ 166,300.38
 (Lines 6 less 7)
9. BALANCE TO FINISH, INCLUDING RETAINAGE \$ 186,594.92
 (Lines 3 minus 8)



The undersigned Contractor certifies that to the best of the Contractor's knowledge, information, and belief the Work covered by this Application for Payment has been completed in accordance with the Contract Documents, that all amounts have been paid by the Contractor for Work for which previous Certifications for Payment were issued and payments received from the Owner, and that current payment shown herein is now due.

CONTRACTOR: *[Signature]* **DATE:** 06/16/20
 Anthony D. Gerlach, CFO

SUBSCRIBED AND SWORN BEFORE ME THIS 16 **day of** June 2020 **STATE OF:** ILLINOIS **COUNTY OF:** COOK

MY COMMISSION EXPIRES: *[Signature]* **DATE:** 06/16/20
 Notary Public

CERTIFICATE FOR PAYMENT

In accordance with the Contract Documents, based on on-site observations and the data comprising this application, the Construction Manager and/or Architect certifies to the Owner that to the best of the Construction Manager's and/or Architect's knowledge, information, and belief the Work has progressed as indicated, the quality of the Work is in accordance with the Contract Documents, and the Contractor is entitled to payment of the AMOUNT CERTIFIED.

AMOUNT CERTIFIED: \$ 166,300.38

(Attach explanation if amount certified differs from the amount applied. Initial all figures on this Application and on the Continuation Sheet that changed to conform with the amount certified.)

SIGNED: *[Signature]* **DATE:** 6-16-20
 CONSTRUCTION MANAGER
 ARCHITECT

CHANGE ORDER SUMMARY		ADDITIONS	DEDUCTIONS
Change orders approved in PREVIOUS months by Owner -	TOTAL	\$ 5,975.20	\$ -
Change orders approved in THIS month by Owner -	TOTAL	\$ 8,100.00	\$ -
CHANGE ORDER SUMMARY -	TOTAL	\$ 14,075.20	\$ -
NET CHANGES BY CHANGE ORDER -	TOTAL	\$ 14,075.20	\$ -

This Certificate is not negotiable. The AMOUNT CERTIFIED is payable only to the Contractor named herein. Issuance, payment, and acceptance of payment are without prejudice to any rights of the Owner or Contractor under this Contract.

CONTINUATION SHEET AIA DOCUMENT G703

AIA Document G703, APPLICATION AND CERTIFICATE FOR PAYMENT, containing Contractor's signed certification is attached in tabulations below, amounts are stated to the nearest dollar. Use Column I on Contracts where variable retainage for line items may apply.

MARTAM JOB #: 1294

APPLICATION #: 02	APPLICATION DATE: 06/12/20
--------------------------	-----------------------------------

PERIOD FROM: 03/30/20	PERIOD TO: 06/12/20
------------------------------	----------------------------

A ITEM #	B ITEM ID	C DESCRIPTION OF WORK	D WORK COMPLETED		E THIS PERIOD	F MATERIALS PRESENTLY STORED	G TOTAL COMPLETED	H BALANCE TO COMPLETE	I RETENTION
			PREVIOUS PAY EST	SCHEDULED VALUE					
1	0	Remove/Relocate Exist Overhead Power Lines	\$ 1,350.00	\$ 1,500.00	\$ 150.00	\$ -	\$ 1,500.00	\$ -	\$ 150.00
2	0	Bond, Insurance, and Mobilization	\$ 22,797.00	\$ -	\$ -	\$ -	\$ 22,797.00	\$ 2,533.00	\$ 2,279.70
3	0	Erosion Control & Construction Staging Area	\$ 7,350.00	\$ -	\$ -	\$ -	\$ 7,350.00	\$ 3,150.00	\$ 735.00
4	0	Remove Trees & Existing Fence	\$ 1,200.00	\$ -	\$ -	\$ -	\$ 1,200.00	\$ -	\$ 120.00
5	0	Wet Well Excavation & Installation	\$ 114,945.00	\$ 30,652.00	\$ -	\$ -	\$ 145,597.00	\$ 7,663.00	\$ 14,559.70
6	0	Valve Vault Excavation & Installation	\$ 27,384.00	\$ 6,846.00	\$ -	\$ -	\$ 34,230.00	\$ -	\$ 3,423.00
7	0	Temporary Bypassing	\$ 1,650.00	\$ -	\$ -	\$ -	\$ 1,650.00	\$ 3,850.00	\$ 165.00
8	0	8" Sewer Between Existing & New Wet Well	\$ 5,000.00	\$ -	\$ -	\$ -	\$ 5,000.00	\$ -	\$ 500.00
9	0	Existing Wet Well Modification	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 18,700.00	\$ -
10	0	Meter Vault Excavation & Installation	\$ 4,335.00	\$ 7,225.00	\$ -	\$ -	\$ 11,560.00	\$ 2,890.00	\$ 1,156.00
11	0	4" Foremain Installation	\$ -	\$ 8,230.00	\$ -	\$ -	\$ 8,230.00	\$ -	\$ 823.00
12	0	Mechanical Piping in Wet Well & Valve Vault	\$ -	\$ 31,100.00	\$ -	\$ -	\$ 31,100.00	\$ -	\$ 3,110.00
13	0	Painting	\$ 8,500.00	\$ -	\$ -	\$ -	\$ 8,500.00	\$ -	\$ 850.00
14	0	Pumps & Controls	\$ -	\$ 41,450.00	\$ -	\$ -	\$ 41,450.00	\$ 41,450.00	\$ 4,145.00
15	0	Electrical	\$ -	\$ 31,800.00	\$ -	\$ -	\$ 31,800.00	\$ 21,200.00	\$ 3,180.00
16	0	Demolition Of Existing Lift Station	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 14,700.00	\$ -
17	0	Site Grading & Restoration	\$ -	\$ 5,950.00	\$ -	\$ -	\$ 5,950.00	\$ 2,550.00	\$ 595.00
18	0	Replacement Allowance	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,500.00	\$ -
19	0	Skilled Trades Crew Allowance	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 5,000.00	\$ -
20	0	Utilities Allowance	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 5,000.00	\$ -
21	0	Landscape Plantings Allowance	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,500.00	\$ -
22	0	Staging Area Allowance	\$ 20,700.00	\$ 6,900.00	\$ -	\$ -	\$ 27,600.00	\$ 400.00	\$ 2,760.00
23	0	Survey Control Establishment Allowance	\$ 2,000.00	\$ -	\$ -	\$ -	\$ 2,000.00	\$ -	\$ 200.00
24	0	Testing and Inspection Allowance	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 5,000.00	\$ -
25	0	Work Change Directive No. 1	\$ -	\$ 5,975.20	\$ -	\$ -	\$ 5,975.20	\$ -	\$ 597.52
26	0	Existing Fence RAR	\$ -	\$ 8,100.00	\$ -	\$ -	\$ -	\$ 8,100.00	\$ -
TOTALS			\$ 540,675.20	\$ 208,711.00	\$ 184,778.20	\$ -	\$ 393,489.20	\$ 147,186.00	\$ 39,348.92

MARTAM CONSTRUCTION, INC.
SCHEDULE OF PRICES

OWNER: Lake in the Hills Sanitary District
 ENGINEER: Applied Technologies, Inc. (Project #6377)
 SITE LOCATION: Hagele Beach Lift Station - Lake in the Hills
 MARTAM JOB #: 1294

PAY ESTIMATE #:	02	DATE:	06/12/20
PERIOD FROM:	03/30/20	PERIOD TO:	06/12/20

ITEM #	ITEM ID	ITEM DESCRIPTION	U OF M	QUANTITY	ADD/DELETE	NEW QTY	UNIT PRICE	BASE CONTRACT	CURRENT CONTRACT	OWNER CTD	OWNER PAID	
1		Remove/Relocate Exist Overhead Power Lines	LS	1	0	1	\$ 1,500.00	\$ 1,500.00	\$ 1,500.00	1	\$ 1,500.00	
2		Bond, Insurance, and Mobilization	LS	1	0	1	\$ 25,330.00	\$ 25,330.00	\$ 25,330.00	0.9	\$ 22,797.00	
3		Erosion Control & Construction Staging Area	LS	1	0	1	\$ 10,500.00	\$ 10,500.00	\$ 10,500.00	0.7	\$ 7,350.00	
4		Remove Trees & Existing Fence	LS	1	0	1	\$ 1,200.00	\$ 1,200.00	\$ 1,200.00	1	\$ 1,200.00	
5		Wet Well Excavation & Installation	LS	1	0	1	\$ 153,260.00	\$ 153,260.00	\$ 153,260.00	0.95	\$ 145,597.00	
6		Valve Vault Excavation & Installation	LS	1	0	1	\$ 34,230.00	\$ 34,230.00	\$ 34,230.00	1	\$ 34,230.00	
7		Temporary Bypassing	LS	1	0	1	\$ 5,500.00	\$ 5,500.00	\$ 5,500.00	0.3	\$ 1,650.00	
8		8" Sewer Between Existing & New Wet Well	LS	1	0	1	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	1	\$ 5,000.00	
9		Existing Wet Well Modification	LS	1	0	1	\$ 18,700.00	\$ 18,700.00	\$ 18,700.00	0	\$ -	
10		Meter Vault Excavation & Installation	LS	1	0	1	\$ 14,450.00	\$ 14,450.00	\$ 14,450.00	0.8	\$ 11,560.00	
11		4" Foremain Installation	LS	1	0	1	\$ 8,230.00	\$ 8,230.00	\$ 8,230.00	1	\$ 8,230.00	
12		Mechanical Piping in Wet Well & Valve Vault	LS	1	0	1	\$ 31,100.00	\$ 31,100.00	\$ 31,100.00	1	\$ 31,100.00	
13		Painting	LS	1	0	1	\$ 8,500.00	\$ 8,500.00	\$ 8,500.00	1	\$ 8,500.00	
14		Pumps & Controls	LS	1	0	1	\$ 82,900.00	\$ 82,900.00	\$ 82,900.00	0.5	\$ 41,450.00	
15		Electrical	LS	1	0	1	\$ 53,000.00	\$ 53,000.00	\$ 53,000.00	0.6	\$ 31,800.00	
16		Demolition Of Existing Lift Station	LS	1	0	1	\$ 14,700.00	\$ 14,700.00	\$ 14,700.00	0	\$ -	
17		Site Grading & Restoration	LS	1	0	1	\$ 8,500.00	\$ 8,500.00	\$ 8,500.00	0.7	\$ 5,950.00	
18		Replacement Allowance	LS	1	0	1	\$ 2,500.00	\$ 2,500.00	\$ 2,500.00	0	\$ -	
19		Skilled Trades Crew Allowance	LS	1	0	1	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	0	\$ -	
20		Utilities Allowance	LS	1	0	1	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	0	\$ -	
21		Landscape Plantings Allowance	LS	1	0	1	\$ 2,500.00	\$ 2,500.00	\$ 2,500.00	0	\$ -	
22		Staging Area Allowance	LS	1	0	1	\$ 28,000.00	\$ 28,000.00	\$ 28,000.00	0.98571429	\$ 27,600.00	
23		Survey Control Establishment Allowance	LS	1	0	1	\$ 2,000.00	\$ 2,000.00	\$ 2,000.00	1	\$ 2,000.00	
24		Testing and Inspection Allowance	LS	1	0	1	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	0	\$ -	
25		Work Change Directive No.1	LS	0	1	1	\$ 5,975.20	\$ -	\$ 5,975.20	1	\$ 5,975.20	
EX		Existing Fence R&R	LS	0	1	1	\$ 8,100.00	\$ -	\$ 8,100.00	0	\$ -	
								\$ 526,600.00	\$ 540,675.20			

\$ 526,600.00 \$ 540,675.20

ORIGINAL CONTRACT VALUE:	\$ 526,600.00
CHANGE ORDERS:	\$ 14,075.20
COMPTROLLER FEE:	\$ -
ADJUSTED CONTRACT VALUE:	\$ 540,675.20

TOTAL WORK COMPLETED:	\$ 393,489.20
LESS RETAINAGE:	\$ (39,348.92)
LESS PREVIOUS PAYMENTS:	\$ (187,839.90)
TOTAL AMOUNT DUE:	\$ 166,300.38



June 8, 2020

Tamara Mueller, District Manager
Lake in the Hills Sanitary District
515 Plum Street
Lake in the Hills, IL 60156

Re: Electrical Upgrades & Filter Building Improvements
Evaluation of Bids and Recommendation to Award

Dear Tamara and Board of Trustees:

We have completed our review of bids for the Electrical Upgrades & Filter Building Improvements Construction Project, as opened at 10:00 a.m. on May 28, 2020. three bids were received for the project and a summary of the bids are provided below:

Bidding Contractor	Bid Amount
Larson & Larson Builders, Inc Loves Park, IL 61111	\$239,764.00
Carmichael Construction, Inc. Marengo, IL 60452	\$275,582.00
Orbis Construction Co. Inc. McHenry, IL 60050	Bid Rejected

We have reviewed these bids and provide the following comments and recommendations for the District's consideration:

1. The low bid for the project was submitted by Larson & Larson Builders, Inc. in the amount of \$239,764.00.
2. Larson & Larson Builders, Inc. has experience with projects of this size, and greater.
3. Applied Technologies Inc. finds Larson & Larson Builders, Inc. to be the lowest, responsive, responsible bidder. We recommend that the Lake in the Hills Sanitary District award the Electrical Upgrades & Filter Building Improvements Project to Larson & Larson Builders, Inc. in the amount of \$239,764.00.



Lake in the Hills Sanitary District
June 8, 2020
Page 2 of 2

Following the District's Award of the contract, we will send a Notice of Award to the contractor along with copies of the Contract Documents for their signature. Once documents are returned to the District for execution, a Notice-to-Proceed will be issued and a preconstruction conference scheduled.

Please call if you have any questions or comments regarding the above.

Sincerely,
Applied Technologies, Inc.

Peter E. Kolb, P.E.
Vice President

Lake in the Hills Sanitary District TASK ORDER No. 20-02

Date: June 18, 2020 **Project No.:** TBD **LITHSD Project Manager:** Tamara Mueller

Project Name: Electrical & Filter Building - Construction Engineering and Inspection Services

ATI Point(s) of Contact: Peter Kolb, Bob Doeringsfeld

Project Description:

Provide construction engineering, contract administration, and inspection for the Electrical Upgrades & Filter Building Improvements project for the Lake in the Hills Sanitary District. Project awarded to Larson & Larson Construction, Inc. in the amount of \$239,764 with construction activities estimated to last approximately two months in duration.

Scope of Services/Schedule:

Engineering Services within Task Order No. 20-02 include contract administration, site visits and construction observation, submittal review, request for information responses, applications for payment, and start-up services. The scope of services shall include the following tasks:

1. Construction Contract Administration and Progress Meetings
2. Design Clarifications and Field Orders
3. Change Order Processing
4. Submittal Reviews
5. Request for Information Responses
6. Applications for Payment
7. Record Drawings
8. Resident Engineer Site Visits and Construction Observation (4 hrs/8wk)
9. Part Time Resident Project Representative (12.0 hrs average/8wk)
10. Start Up Coordination and Close Out (32 hrs)

Compensation: The Total Compensation for this Task Order is \$29,762 and is broken down into the following sub tasks:

Construction Contract Administration	\$3,120
Resident Engineer (4 hrs/8 wks)	\$4,992
Resident Project Representative (12 hrs/8 wks)	\$11,000
HVAC Subconsultant	\$6,050
Start-up, O&M, Close Out	<u>\$4,600</u>
Total	\$29,762

Applied Technologies, Inc.

Accepted by Lake in the Hills Sanitary District



Signature: _____

Signature: _____

Printed Name: Peter E. Kolb, P.E.

Printed Name: Eric Hansen

Title: Vice President

Title: Board President

Date: June 11, 2020

Date: _____

LAKE IN THE HILLS SANITARY DISTRICT
MONTHLY TREASURER REPORT - GOVERNMENTAL FUNDS
 Month of May, 2020

	BANK BAL AT BEGINNING OF PRIOR MONTH	BANK BAL AT BEGINNING OF THE CURRENT MONTH	BANK BAL AT THE BEGINNING OF THE FY	
Beginning Cash and Investments				
First National Bank	1,348,705.89	1,226,361.68	1,226,361.68	
Credit Cards	(199.99)	-	-	
TOTAL BEGINNING CASH AND INVESTMENTS	1,348,505.90	1,226,361.68	1,226,361.68	
	PRIOR MONTH	CURRENT MONTH	YTD	BUDGET
Revenues and Receipts				
Real Estate Taxes				
General Fund	-	18,098.97	18,098.97	308,320.00
Audit Fund	-	117.79	117.79	2,006.00
Chlorination Fund	-	0.97	0.97	16.00
Liability Insurance Fund	-	2,935.46	2,935.46	50,006.00
Social Security Fund	-	3,229.03	3,229.03	55,007.00
Retirement Fund	-	9,099.04	9,099.04	155,004.00
Replacement Taxes	406.92	260.15	260.15	-
Interest Income	54.92	51.82	51.82	1,000.00
TOTAL REVENUES AND RECEIPTS	461.84	33,793.23	33,793.23	571,359.00
Expenditures				
GENERAL FUND				
PERSONNEL SERVICES				
Salaries of Trustees, Manager, Treasurer & Clerk	14,241.92	14,350.00	14,350.00	185,000.00
CONTRACTUAL SERVICES				
Professional Engineering	-	784.00	784.00	75,000.00
Legal Services	-	385.00	385.00	35,000.00
Other Professional Services	1,373.75	-	-	5,000.00
	1,373.75	1,169.00	1,169.00	115,000.00
ADMINISTRATIVE EXPENSES				
Printing, Publications	-	53.02	53.02	5,000.00
Office Supplies, Equipment	529.99	-	-	3,000.00
Postage	-	122.85	122.85	1,000.00
Treasurer's Bond	-	-	-	4,000.00
Community Affairs	-	-	-	1,000.00
Memberships and Dues	-	100.00	100.00	4,000.00
	529.99	275.87	275.87	18,000.00
OPERATING EXPENSES				
Building and Grounds Upkeep	-	1,070.00	1,070.00	15,000.00
Utilities	2,277.89	-	-	30,000.00
J.U.L.I.E.	-	-	-	3,000.00
Training and Education	-	-	-	3,000.00
Travel Expenses	-	-	-	2,000.00
Computer Hardware, Software & Support	-	-	-	7,000.00
	2,277.89	1,070.00	1,070.00	60,000.00
CONTINGENT AND MISCELLANEOUS EXPENSES				
Not Otherwise Appropriated	-	-	-	1,000.00
	-	-	-	1,000.00
TOTAL GENERAL FUND	18,423.55	16,864.87	16,864.87	379,000.00

	PRIOR MONTH	CURRENT MONTH	YTD	BUDGET
Expenditures (continued)				
CHLORINATION FUND	-	-	-	24,000.00
	-	-	-	24,000.00
AUDIT FUND	-	-	-	20,000.00
	-	-	-	20,000.00
PUBLIC LIABILITY INSURANCE FUND				
Workers' Compensation	-	-	-	24,000.00
Property	-	-	-	45,500.00
Vehicles	-	-	-	15,000.00
General Liability	-	-	-	80,000.00
Administrative Fee	-	-	-	500.00
	-	-	-	165,000.00
SOCIAL SECURITY FUND	4,342.78	4,488.22	4,488.22	60,000.00
IMRF FUND	99,839.73	12,554.34	12,554.34	300,000.00
OTHER EXPENDITURES (RECEIPTS)	-	-	-	-
TOTAL EXPENDITURES	122,606.06	33,907.43	33,907.43	948,000.00
EXCESS OF REVENUES OVER (UNDER) EXPENDITURES	(122,144.22)	(114.20)	(114.20)	(376,641.00)
Ending Cash and Investments				
First National Bank	1,226,361.68	1,226,247.48	1,226,247.48	
Credit Cards	-	-	-	
TOTAL ENDING CASH AND INVESTMENTS	1,226,361.68	1,226,247.48	1,226,247.48	
GENERAL CORPORATE FUND				

LAKE IN THE HILLS SANITARY DISTRICT
MONTHLY TREASURER REPORT - O&M/SEWERAGE FUNDS
 Month of May, 2020

		BANK BALS AT BEGINNING OF PRIOR MONTH	BANK BALS AT BEGINNING OF THE CURRENT MONTH	BANK BALS AT THE BEGINNING OF THE FY
Beginning Cash and Investments				
First National Bank - O & M Account	O&M	369,521.20	686,944.74	686,944.74
First National Bank - Certificate Fund	Bond & Int	150,272.03	30,078.28	30,078.28
First National Bank - Depreciation Account	Construction	2,207,172.99	2,208,654.83	2,208,654.83
First National Bank - Surplus Funds	Construction	17,905.09	35,533.35	35,533.35
First National Bank - Bond & Interest Fund	Bond & Int	846,965.05	689,089.29	689,089.29
First National Bank - Sinking Funds	Bond & Int	875,399.12	890,178.50	890,178.50
Algonquin Bank & Trust - Cash Mgr	O&M	1,055,388.76	1,058,229.06	1,058,229.06
Algonquin Bank & Trust - Operating	O&M	26,173.00	310.00	310.00
Home State Bank	O&M	20,987.69	23,648.78	23,648.78
Illinois State Bank	O&M	9,310.72	10,559.83	10,559.83
Credit Cards		(1,768.04)	(866.42)	(866.42)
TOTAL BEGINNING CASH AND INVESTMENTS		5,577,327.61	5,632,360.24	5,632,360.24
SEWERAGE FUNDS				

	PRIOR MONTH	CURRENT MONTH	YTD	BUDGET
Revenues and Receipts				
Sewer Bill Income/User Charges	721,896.10	42,706.45	42,706.45	3,600,000.00
Septage Income	9,538.00	24,392.00	24,392.00	250,000.00
Wastewater Discharge Income	3,374.89	3,695.67	3,695.67	45,000.00
Refunds	(436.21)	(1,189.27)	(1,189.27)	-
Connection/Tap-On Fees	-	-	-	95,000.00
Annexation Fees (inc. GIS)	-	-	-	5,000.00
Downstream & Misc Charges	-	-	-	500.00
Liftstation Recapture	-	-	-	-
Gain/Loss - Sale of Equipment	-	-	-	-
Rebates or Grants Received	-	-	-	-
Interest Income	1,132.76	861.78	861.78	15,000.00
TOTAL REVENUES AND RECEIPTS	735,505.54	70,466.63	70,466.63	4,010,500.00

Expenditures				
PERSONNEL SERVICES				
District Personnel Salaries	42,646.20	44,319.12	44,319.12	634,000.00
ADMINISTRATIVE EXPENSES				
Telephone	196.89	196.36	196.36	3,000.00
Postage	-	281.93	281.93	22,000.00
Printing and Publications	-	-	-	2,000.00
Office Supplies	-	702.26	702.26	7,500.00
Billing and Collection Expenses	2,072.50	10,396.23	10,396.23	75,000.00
Professional Services	77.31	66.98	66.98	10,000.00
Training, Travel and Education	-	-	-	7,000.00
Computer Hardware, Software, and Support	1,532.11	697.85	697.85	70,000.00
Community Affairs	-	-	-	2,000.00
Medical and Life Insurance	19,612.74	19,612.74	19,612.74	275,000.00
	23,491.55	31,954.35	31,954.35	473,500.00
OPERATIONS AND MAINTENANCE				
Operating Supplies	3,692.39	2,797.52	2,797.52	60,000.00
Maintenance and Repair (Plant)	11,479.10	13,651.46	13,651.46	150,000.00
Maintenance and Repair (Collection Systems)	592.96	1,014.84	1,014.84	310,000.00
Utilities and Energy	37,152.16	39,677.27	39,677.27	475,000.00
Grounds Upkeep	-	613.00	613.00	30,000.00
Gasoline/Oil	251.39	1,585.07	1,585.07	20,000.00
Computer and Support Services	-	-	-	2,000.00
Emergency Communications	9,934.28	8,796.01	8,796.01	75,000.00
Sludge Management	7,636.95	19,320.00	19,320.00	225,000.00

	PRIOR MONTH	CURRENT MONTH	YTD	BUDGET
Professional Services	132.00	1,451.42	1,451.42	25,000.00
Residential Reimbursement	-	-	-	10,000.00
Compliance Requirements/Permits	-	-	-	30,000.00
GIS	-	-	-	10,000.00
	<u>70,871.23</u>	<u>88,906.59</u>	<u>88,906.59</u>	<u>1,422,000.00</u>

Expenditures (continued)

CAPITAL IMPROVEMENTS

New Construction	232,386.93	-	-	1,500,000.00
Plant Equipment	-	-	-	530,000.00
Collection System	34,422.20	-	-	800,000.00
Vehicles	-	-	-	75,000.00
Legal Expense	-	-	-	5,000.00
Engineering Expense	588.00	17,202.00	17,202.00	375,000.00
Bond, Finance Consulting Expense	-	-	-	1,000.00
	<u>267,397.10</u>	<u>17,202.00</u>	<u>17,202.00</u>	<u>3,286,000.00</u>

BOND TRANSFERS

2008 Debt Certificates, Principal	110,000.00	-	-	115,000.00
2008 Debt Certificates, Interest	23,700.01	-	-	43,000.00
Administration Fees - 2008 Debt Certs	-	-	-	2,000.00
	<u>133,700.01</u>	<u>-</u>	<u>-</u>	<u>160,000.00</u>

Series 2014 Bond, Principal	110,000.00	-	-	110,000.00
Series 2014 Bond, Interest	54,918.75	-	-	107,000.00
Administration Fees - 2014 Series Bond	400.00	-	-	2,000.00
	<u>165,318.75</u>	<u>-</u>	<u>-</u>	<u>219,000.00</u>

CONTINGENT AND MISCELLANEOUS EXPENSES

Not Otherwise Appropriated	-	-	-	3,000.00
	<u>-</u>	<u>-</u>	<u>-</u>	<u>3,000.00</u>

TOTAL EXPENDITURES 703,424.84 182,382.06 182,382.06 6,197,500.00

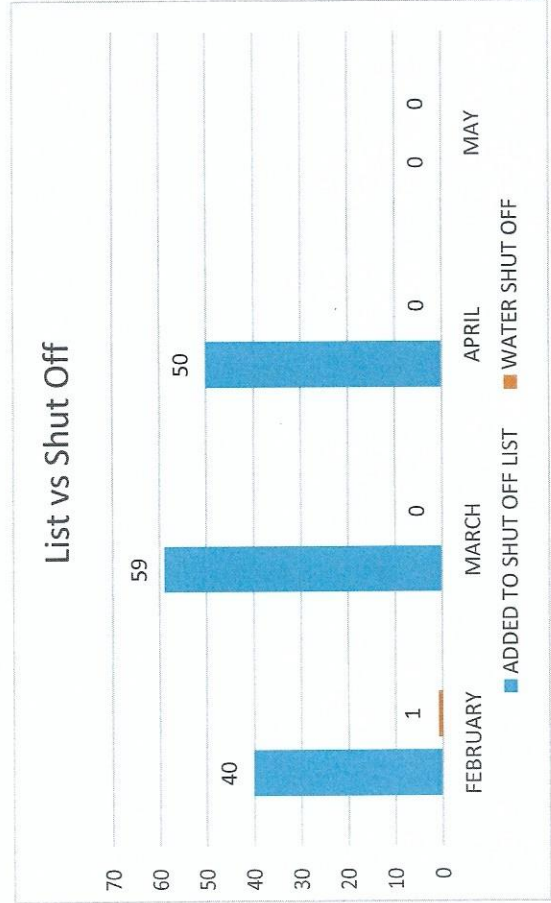
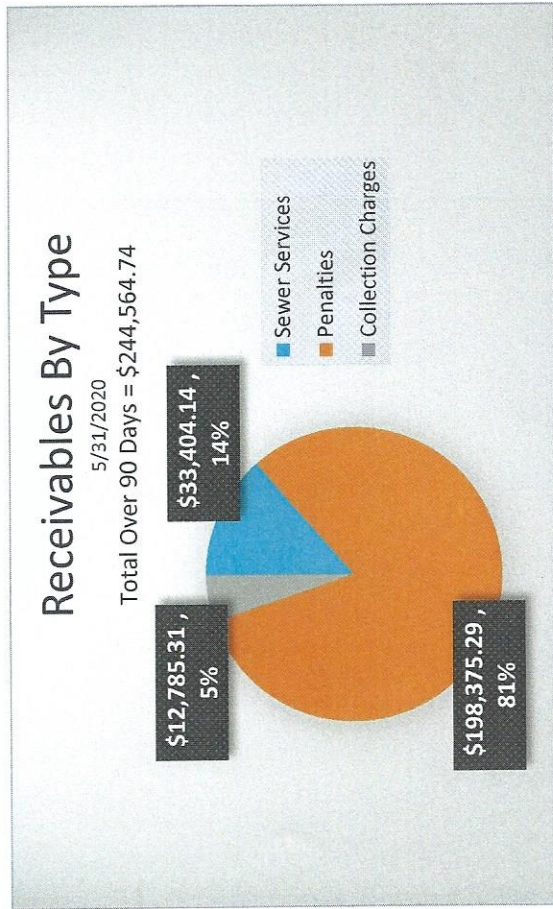
EXCESS OF REVENUES OVER (UNDER) EXPENDITURES 32,080.70 (111,915.43) (111,915.43) (2,187,000.00)

		BANK BALS AT END OF THE PRIOR MONTH	BANK BALS AT END OF THE CURRENT MONTH	BANK BALS AT THE END OF MAY
Ending Cash and Investments				
First National Bank - O & M Account	O&M	686,944.74	485,475.71	485,475.71
First National Bank - Certificate Fund	Bond & Int	30,078.28	43,580.07	43,580.07
First National Bank - Depreciation Account	Construction	2,208,654.83	2,216,122.60	2,216,122.60
First National Bank - Surplus Funds	Construction	35,533.35	18,338.32	18,338.32
First National Bank - Bond & Interest Fund	Bond & Int	689,089.29	748,950.11	748,950.11
First National Bank - Sinking Fund	Bond & Int	890,178.50	904,959.74	904,959.74
Algonquin Bank & Trust - Cash Mgr.	O&M	1,058,229.06	1,075,259.91	1,075,259.91
Algonquin Bank & Trust - Operating	O&M	310.00	68.00	68.00
Home State Bank	O&M	23,648.78	23,648.97	23,648.97
Illinois State Bank	O&M	10,559.83	10,627.90	10,627.90
Credit Cards	O&M	(866.42)	(813.78)	(813.78)

TOTAL ENDING CASH AND INVESTMENTS 5,632,360.24 5,526,217.55 5,526,217.55

SEWERAGE FUNDS

Accounts Receivable Analysis May 2020



Monthly Shut Off Summary

Lake in the Hills

- NONE.

Huntley

- NONE.

Crystal Lake

- NONE.

**LITH SANITARY DISTRICT
Bills Paid Prior To Meeting
June 18, 2020 Meeting Date**

Name	Memo	Amount
General Fund		
McHenry County Recorder	Computer Exp - 3rd Quarter Laredo Software	\$ 275.00
TOTAL GEN FUND BILLS PAID PRIOR TO MEETING		\$ 275.00
O & M Fund		
Alarm Detection Systems Inc	Emerg Communications - QU Chrgs June - Aug 2020	\$ 90.00
AMS Mechanical Systems	Maint/Repair - Coll System, Decatur LS	\$ 6,850.00
AMS Mechanical Systems	Maint/Repair - Coll System, Decatur LS	\$ 3,932.68
Ansercall 24	Emerg Communications	\$ 100.00
AT&T	Emerg Communications	\$ 320.37
AT&T	Emerg Communications	\$ 8,097.96
AT&T	Emerg Communications	\$ 13.45
Comcast	Computer Exp & Telephone	\$ 386.41
Flood Brothers Disposal & Recycling	Maint/Repair - Plant, Bldgs & Grounds May 2020	\$ 321.82
Marc Kresmery Construction	Maint/Repair - Plant, Valves on Digesters #3 & #4	\$ 4,279.37
Suburban Laboratories Inc	Pro Svs - Lab, Semi-Annual Testing	\$ 533.00
Verizon Wireless	Emerg Communications - Cell phones	\$ 390.02
TOTAL O & M BILLS PAID PRIOR TO MEETING		\$ 25,315.08

**LITH SANITARY DISTRICT
Recurring Bills
June 18, 2020 Meeting Date**

Name	Memo	Amount
General Fund		
Illinois Municipal Retirement Fund	Employer Portion of IMRF - May 2020	\$ 12,554.34
United States Treasury	District Pd Payroll Taxes (SS & Med)	\$ 4,488.22
TOTAL GENERAL FUND RECURRING BILLS		\$ 17,042.56
O & M Fund		
Blue Cross Blue Shield	Medical Insurance Premiums (for May 2020)	\$ 18,129.70
Humana	Specialty Insurance Premiums (for May 2020)	\$ 1,483.04
Payment Service Network	Collection Expenses from April 2020	\$ 5,632.25
TOTAL O & M RECURRING BILLS		\$ 25,244.99

Approved _____

President Hansen

**LITH SANITARY DISTRICT - Governmental Fund
Bills Presented to Board for Approval
June 18, 2020 Meeting**

Name	Memo	Amount
GENERAL CORP FUND BILLS		
Applied Technologies Inc	Contractual Svs - Engineering	\$ 784.00
Hawkins Inc	Chlorination - Alum Sulfate & Freight	\$ 1,333.50
Illinois Public Risk Fund	Liability Insurance - Workers Compensation, Quarterly	\$ 4,058.00
Interstate Gas Supply, Inc.	Utilities - Gas Sales for March 2020	\$ 1,047.68
Interstate Gas Supply, Inc.	Utilities - Gas Sales for April 2020	\$ 661.45
Nicor Gas	Utilities 4/8-5/8/20	\$ 263.01
Shaw Suburban Media Group	Printing & Publications - Elec Upgrades Bid	\$ 599.74
Storino Ramello & Durkin	Contractual Svs - Legal May 2020	\$ 525.00
TOTAL GENERAL CORP FUND BILLS		\$ 9,272.38

**LITH SANITARY DISTRICT - O&M/Sewerage Fund
Bills Presented to Board for Approval
June 18, 2020 Meeting**

Name	Memo	Amount
O & M BILLS		
Ansercall 24 LLC	Emerg Communications	\$ 102.00
Applied Ecological Services	Maint/Repair - Plant, Prairie Restoration Project	\$ 3,600.00
AutoZone, Inc.	Maint/Repair - Plant, Vehicles F-150 Brakes	\$ 99.66
BDP Industries	Maint/Repair- Plant, Press	\$ 640.00
Cintas Corporation #355	Operating Supplies - Personnel	\$ 990.80
ComEd, Inc.	Utilities - Coll Sys Dam	\$ 730.86
ComEd, Inc.	Utilities - Coll Sys Beach	\$ 83.78
Consolidated Electrical Distributors, Inc	Maint/Repair - Plant, Press Bldg Fuses	\$ 21.10
Dreisilker Electric Motors Inc	Maint/Repair - Plant, Main Lift Pump #2	\$ 580.00
Dreisilker Electric Motors Inc	Maint/Repair - Coll Sys, Dam Pump #1	\$ 7,268.08
Dynegy Energy Services	Utilities - Plant, Concord, Decatur & Pyott LS	\$ 40,606.01
Endustra Filter Manufacturers	Maint/Repair - Plant, Hoffman Blower Filters	\$ 1,856.40
First National Bank of Omaha - Visa	Operating Supplies - Personnel & Small Tools	\$ 178.12
First National Bank of Omaha - Visa	Maint/Repair - Plant VLR, Oper Supplies, Pro Svs Intuit Fees	\$ 535.22
Fisher Scientific	Operating Supplies - Lab, Ammonia Membrane Caps	\$ 561.69
Flood Brothers Disposal & Recycling Svs	Maint/Repair - Plant, Bldg & Grounds - June Trash & Recycling	\$ 321.82
Graphic Controls	Operating Supplies - Lab	\$ 155.20
Hawkins, Inc	Sludge Management - Aqua Hawk 1124 & Freight	\$ 3,763.50
Hawkins, Inc	Sludge Management - Aqua Hawk 808 & Freight	\$ 3,904.95
Hawkins, Inc	Sludge Management - Aqua Hawk 1124 & Freight	\$ 5,626.00
Illini Power Products, Corp.	Pro Svs - Planned Maint, Meadowbrook	\$ 550.00

Illini Power Products, Corp.	Pro Svs - Planned Maint, Main Plant	\$	1,063.00
Illini Power Products, Corp.	Pro Svs - Planned Maint, Portable Unit #1	\$	457.00
Illini Power Products, Corp.	Pro Svs - Planned Maint, Portable Unit #2	\$	290.00
Illini Power Products, Corp.	Pro Svs - Planned Maint, Decatur	\$	748.00
Illinois Dept of Employment Security	Personnel Svs - Unemployment	\$	2,551.00
Interstate All Battery Center	Computer Hardware, Software & Support - UPS Battery	\$	23.25
James Olvera - Reimbursement	Oper Supplies - Personnel, Clothing Allowance - Pants	\$	47.50
John Caccamo - Reimbursement	Oper Supplies - Personnel, Clothing Allowance - Boots	\$	183.59
Logsdon Office Supply	Office Supplies - Print head, Binder Clips	\$	264.57
Logsdon Office Supply	Office Supplies - Toner Crtgds, Pens	\$	165.84
Logsdon Office Supply	Office Supplies - Toner Crtgds	\$	158.95
Marc Kresmery Construction LLC	Maint/Repair - Plant, Conduit for New ComEd Feed	\$	22,115.00
McHenry County Recorder	Collection Expenses - May 2020	\$	2.50
North Shore Water Reclamation District	Pro Svs - Lab, Biomonitoring	\$	800.00
Northern Balance & Scale Inc	Pro Svs - Lab, Service & Calibration of Scales	\$	212.00
O'Reilly Auto Parts	Maint/Repair - Plant Vehicles, Oil & Filters for Gators	\$	31.76
PetroChoice LLC	Gas/Fuel	\$	202.97
PetroChoice LLC	Gas/Fuel	\$	345.17
Phenova Inc	Operating Supplies - Lab	\$	298.76
Ralph Helm Inc	Maint/Repair - Plant, Starter Cord for Honda Generator	\$	3.15
Ryco Landscaping	Grounds Upkeep - May Mowing, Trimming, Edging	\$	2,397.00
Second Chance Cardiac Solutions Inc	Operating Supplies - Safety, Powerheart Battery	\$	316.00
Sigma-Aldrich Inc	Operating Supplies - Lab	\$	594.29
Storino Ramello & Durkin	Collection Expenses - May 2020	\$	132.25
Suburban Laboratories, Inc.	Pro Svs - Lab	\$	132.00
Synagro-WWT, Inc.	Sludge Management - May 2020	\$	9,120.00
Technology Masters Inc	Computer Hardware, Software & Support - Email Issues, Karen	\$	63.50
Technology Masters Inc	Computer Hardware, Software & Support - Set Up Remote Access Tamara	\$	63.50
Technology Masters Inc	Computer Hardware, Software & Support - Maintenance	\$	444.50
The Home Depot	Operating Supplies - Seed, Rake, Shovel	\$	100.44
Village of Lake In The Hills	Utilities - Water	\$	146.61
Water One, Inc.	Operating Supplies - Personnel, Drinking Water Equip Rental	\$	22.50
Wilkens Anderson Company	Operating Supplies - Lab	\$	603.87
Wilkens Anderson Company	Operating Supplies - Lab	\$	824.34
Ziegler's Ace Hardware	Operating Supplies	\$	316.68

TOTAL O&M FUND BILLS

\$ 117,416.68

CONSTRUCTION FUND BILLS

Applied Technologies Inc	Engineering - Task Order 19-02 Electrical Upgrades & Filter Bldg Imprvmnts	\$	584.00
Applied Technologies Inc	Engineering - Task Order 19-03 Richard Taylor Park Bypass CEI	\$	146.00
Applied Technologies Inc	Engineering - Task Order 19-04 Beach Lift Station CEI	\$	9,690.00
Applied Technologies Inc	Engineering - Task Order 20-01 Phosphorus Reduction Feasibility Study	\$	6,801.00
Concentric Integration	Cap Imprvmnts - New Const, SCADA System Assessment	\$	2,739.00

TOTAL CONSTRUCTION FUND BILLS

\$ 19,960.00

GRAND TOTAL OF ALL BILLS PRESENTED FOR APPROVAL IS \$214,526.69 OF WHICH \$26,589.94 IS FROM THE GENERAL CORPORATE FUND, \$167,976.75 IS FROM THE OPERATIONS AND MAINTENANCE FUND, \$19,960.00 IS FROM THE CONSTRUCTION FUND, AND \$0.00 IS FROM THE BOND AND INTEREST FUND.

Approved _____

MANAGER'S REPORT

Month of May, 2020

<u>Customers</u>	CURRENT	12/MO TOTAL	Data for May 2019
Total accounts through May 2019:	11,730		
New Customers:	0	19	1
Connections:	0	9	1
Permits Issued:	0	11	1
Permits Issued Past 13 Months:	12		
Total Permits Issued to Date:			
<i>Residential:</i>	10,086		
<i>Commercial:</i>	122		
<i>Industrial:</i>	1		

ILLINOIS E.P.A. SANITARY SEWER EXTENSION PERMITS ISSUED PAST 12 MONTHS

NAME	PE	DWELLINGS	Issued
Heathers Senior Living	75	3 multi-family bldgs	9/11/2019

COLLECTION SYSTEM EMERGENCY RESPONSES AND SANITARY SEWER OVERFLOWS

DATE	LOCATION	PROBLEM	DISTRICT PROBLEM
5/15/2020	Dam Lift Station	heavy rains and high flows	yes
5/17/2020	345 Council Trail	basement backup	yes
5/19/2020	1211 Burr Street	stormwater in basement	no
5/19/2020	4125 Peartree Drive	drains in bathroom not draining	no
5/24/2020	1081 Creekview	seeping from manhole in yard	yes
5/25/2020	2971 Brisbane	sewer smell	no
5/27/2020	1111 Patton Ave	toilets bubbling	no

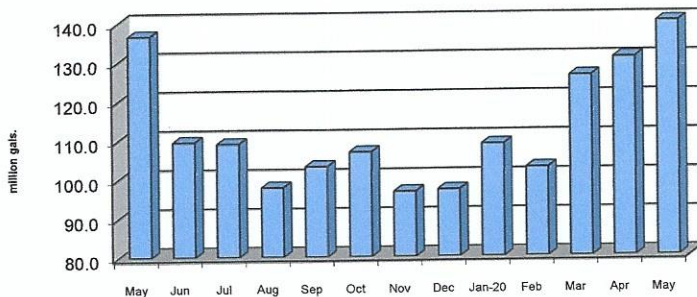
COLLECTION SYSTEM ACTIVITIES

No preventative maintenance able to be performed due to COVID-19 restrictions.

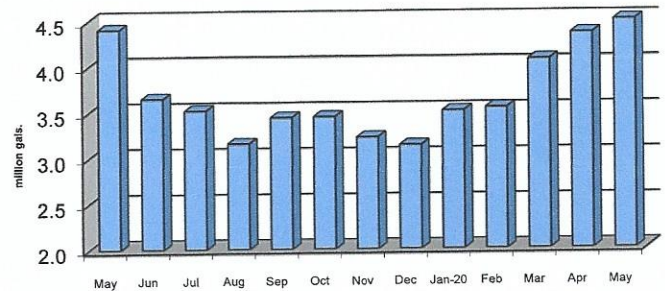
FLOWS

Total Effluent Flow for Month:	147.384	million gallons
Average Daily Flow:	4.754	mgd
Maximum Daily Flow:	8.422	mgd
Precipitation Total:	9.16	inches
Precipitation This Month Last Year:	6.46	inches
Septage Accepted:	624,535	gallons

Total Monthly Flows



Monthly Average Daily Flows



MANAGER'S MONTHLY REPORT

May, 2020

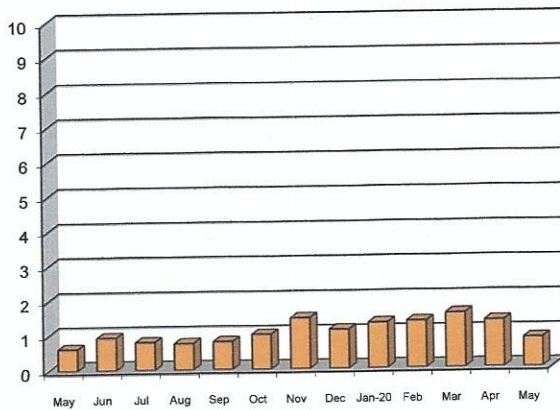
Page 2 of 2

TREATMENT PLANT OPERATIONS

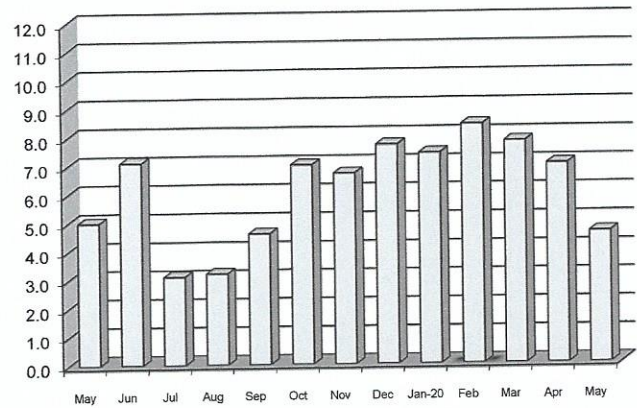
	<u>Average in</u>	<u>Average out</u>	<u>Average % reduction</u>
CBOD	125 mg/L	0.8 mg/L	99.3%
Total Suspended Solids:	293 mg/L	4.6 mg/L	98.4%
Ammonia Nitrogen:	10.9 mg/L	0.04 mg/L	99.6%
Phosphorus:		0.85 mg/L	
Fecal Coliform:		104 colonies (daily max.)	

This data represents the monthly averages taken from District records and submitted to the Illinois E.P.A.

Effluent Monthly Average - CBOD



Effluent Monthly Average - Total Suspended Solids



PLANT OPERATIONS SUMMARY

Wasted:	3.875 million gallons
Decanted:	0.115 million gallons
Thickened:	3.765 million gallons
To Digester:	0.789 million gallons
Pressed:	0.878 million gallons

PERSONNEL ACTIVITIES

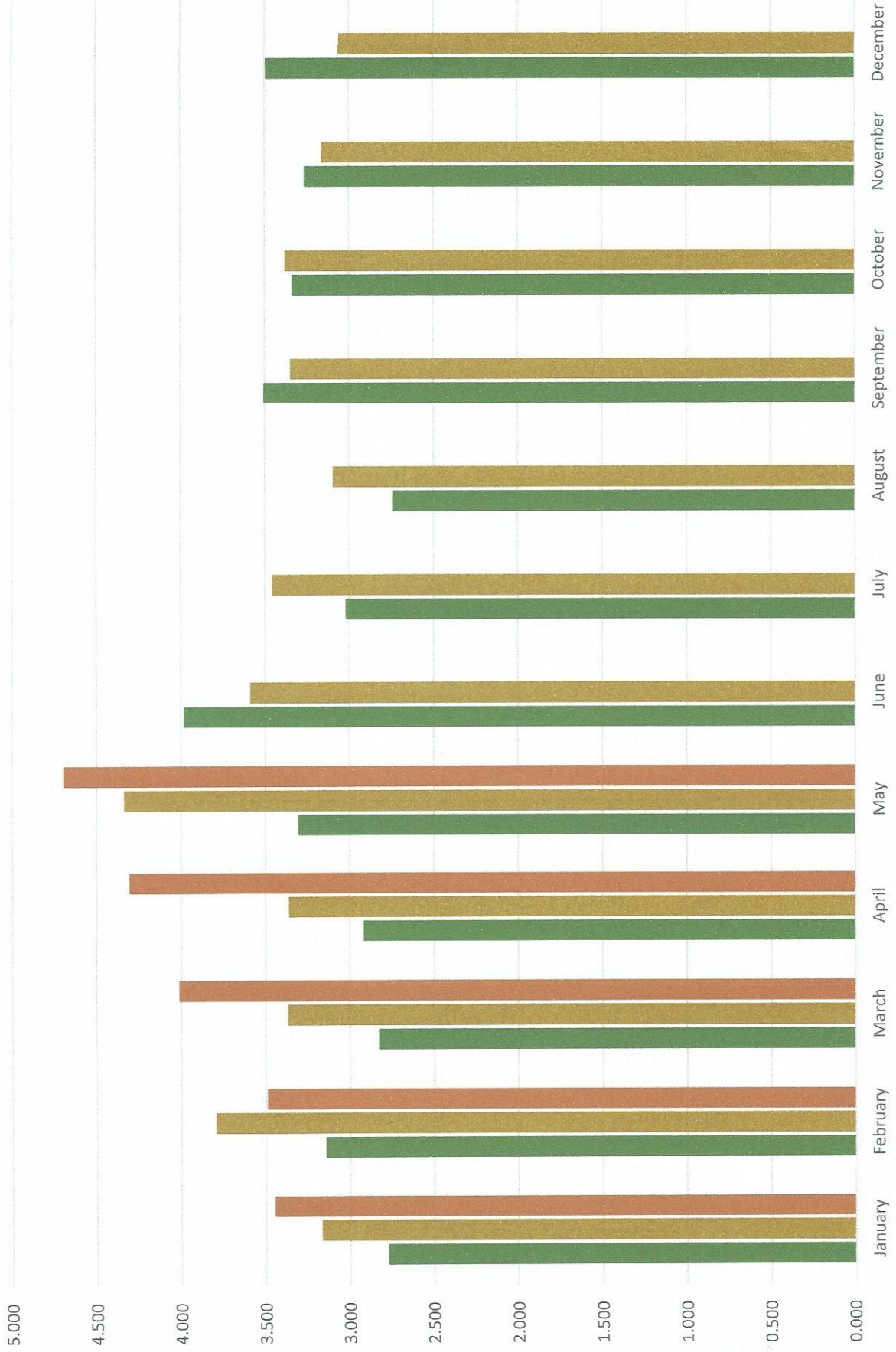
No additional activities due to COVID-19 restrictions.

Respectfully submitted,

Tamara C. Mueller
District Manager

Average INF flows

■ 2018 ■ 2019 ■ 2020



Septic Monthly Totals

■ 2018 ■ 2019 ■ 2020

