



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
October 20, 2022
7:00 p.m.**

REGULAR MEETING OF THE BOARD OF TRUSTEES

Pledge of Allegiance

Roll Call

Approval of the Minutes

Public Comments

Consent Agenda

- A. Approval of Maneval Construction Company Change Order No. 1 for the Front Entrance Drive Reconstruction.**
- B. Approval of Contractor's Application for Payment No. 2 in the amount of \$78,128.73 to Maneval Construction Company for the Front Entrance Drive Reconstruction.**

Specific Agenda

Treasurer's Report

Approval of Bills

Grand total of all bills presented for approval is \$146,088.84 of which \$27,191.02 is from the Governmental Funds, \$118,427.82 is from the Operations and Maintenance Funds, \$470.00 is from the Construction Funds, and \$0.00 is from the Bond and Interest Funds.

Manager's Report

Operations Update

Engineer's Report



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
October 20, 2022
7:00 p.m.
Page 2

Attorney's Report

Unfinished Business

New Business

Adjournment

**Lake in the Hills Sanitary District
Board of Trustees Regular Meeting Minutes
September 15, 2022**

Pledge of Allegiance

Roll Call:

The regular meeting was called to order by President Jessica Reed at 7:00pm at the Sanitary District offices located at 515 Plum Street. Roll call was answered by President Jessica Reed, Trustee Russ Ruzanski and Trustee Matt Irsay.

Also in attendance at the Sanitary District offices were District Manager Tamara Mueller, Assistant District Manager, Mike Nelson, District Engineer Bob Doeringsfeld of Applied Technologies, and District Treasurer/Clerk Karen Thompson. District Attorney Ann Williams of Storino, Ramello & Durkin was not in attendance during roll call but arrived at 7:07pm during the Auditor's presentation.

Approval of Minutes:

Motion was made by Trustee Ruzanski and seconded by Trustee Irsay to approve the minutes of the Regular Board Meeting of August 18, 2022 as presented. On a roll call vote, President Reed and Trustees Ruzanski and Irsay voted aye.

Public Comments:

None.

Presentation of Annual Financial Report by George Roach:

District Auditor stated that the audit is a clean, unmodified opinion which means that the financial statements are materially representative of the position at the end of the year as well as of the activities over the course of the year. There were not many major changes implemented in 2021-2022. He continued by highlighting some of the pages in his financial report. Additionally, he stated that District staff was very accommodating during the audit and that the paperless A/P process implemented by District Treasurer is ahead of many other small municipalities which makes the District's process more efficient than most.

Some additional conversation took place regarding the cost of future plant maintenance, repairs and capital improvements; having a plan for such; and about having enough cash on hand to fund those things.

Consent Agenda:

- A. Review and release of closed meeting minutes from March 17, 2022.

Motion was made by Trustee Irsay and seconded by Trustee Ruzanski to approve the Consent Agenda as presented (Item A). On a roll call vote, President Reed and Trustees Ruzanski and Irsay voted aye to approve the Consent Agenda as presented and release the closed meeting minutes from March 17, 2022.

**Lake in the Hills Sanitary District
Board of Trustees Regular Meeting Minutes
September 15, 2022**

Specific Agenda:

- A. Approval of the Lake in the Hills Sanitary District's Annual Financial Report for the Year Ended April 30, 2022, as presented by George Roach & Associates.

Motion was made by Trustee Ruzanski and seconded by Trustee Irsay to approve Specific Agenda Item A. On a roll call vote, President Reed and Trustees Ruzanski and Irsay voted aye to approve Specific Agenda Item A as presented and approve the Annual Financial Report for the Year Ended April 30, 2022.

- B. Approval of the Annual Treasurer's Report for Fiscal Year 2021-2022.

Motion was made by Trustee Ruzanski and seconded by Trustee Irsay to approve Specific Agenda Item B. On a roll call vote, President Reed and Trustees Ruzanski and Irsay voted aye to approve Specific Agenda Item B as presented and approve the Annual Treasurer's Report for Fiscal Year 2021-2022.

- C. Approval of Ordinance No. 417 - An Ordinance Abating the Taxes Levied for the Year 2022 to Pay General Obligation Bonds, Series 2014.

Motion was made by Trustee Ruzanski and seconded by Trustee Irsay to approve Specific Agenda Item C.

District Manager added that if we wanted to avoid having to pass this Ordinance each year we could create an Ordinance that would abate the taxes through 2037, which is the year referenced in the original documents. With the current condition of the economy and the unforeseen future, she wasn't sure if we wanted to do that. It was decided that we would revisit this topic in the future.

On a roll call vote, President Reed and Trustees Ruzanski and Irsay voted aye to approve Specific Agenda Item C as presented and approve Ordinance No. 417 – Abating the Taxes Levied for 2022 to Pay General Obligation Bonds, Series 2014.

- D. Award of the Sludge Storage Building Modifications to Martam Construction, Inc. in the amount of \$992,970.00.

Motion was made by Trustee Irsay and seconded by Trustee Ruzanski to approve Specific Agenda Item D.

District Engineer indicated that the prior estimates that were prepared back in May anticipated the project cost would be \$650,000.00. This estimate was low due to various factors including rising inflation and the increased cost of concrete. We received five bids and all five were within the same price range. He doesn't believe that we would get lower bids if we waited to rebid it in the spring as the cost of materials and labor continue to increase.

On a roll call vote, President Reed and Trustees Ruzanski and Irsay voted aye to approve Specific Agenda Item D as presented and award the Sludge Storage Building Modifications project to Martam Construction in the amount of \$992,970.00.

**Lake in the Hills Sanitary District
Board of Trustees Regular Meeting Minutes
September 15, 2022**

Treasurer's Report:

District Treasurer presented final written copies of the August 2022 Treasurer's reports and provided a verbal summary of some of the receipts and expenses.

She further added that the Certificate Fund bank account was closed on August 18, 2022. The balance of \$26,565.38 plus \$6.99 in interest was transferred into the O&M bank account on August 18th. She has the paper trail of these transactions should anyone wish to view them.

Motion was made by Trustee Ruzanski and seconded by Trustee Irsay to approve the August 2022 Treasurer's reports as presented. On a roll call vote President Reed and Trustees Ruzanski and Irsay 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 further noted a correction to the list of bills. The invoice from Xylem Water Solutions is going to be expensed to Plant Equipment instead of Collection System. Also, this invoice amount should be \$39,245.00 instead of \$39,215.00. The list of bills that President Reed will sign has been adjusted; however, the changes were not made before the Board packets were distributed.

Motion was made by Trustee Irsay and seconded by Trustee Ruzanski to approve the List of Bills as presented, but with the adjustments to the invoice from Xylem Water Solutions as stated by the District Treasurer. The total approved for payment with the adjustment to the Xylem invoice is \$327,674.33 of which \$23,229.26 is from the Governmental Funds, \$254,551.32 is from the Operations and Maintenance Funds, \$0.00 is from the Construction Funds, and \$49,893.75 is from the Bond and Interest Funds.

The motion passed after a roll call vote; President Reed and Trustees Ruzanski and Irsay voted aye to approve the list of bills as amended.

Manager's Report:

District Manager presented a written copy of the August 2022 Manager's report and provided a verbal summary.

There were no residential emergency call outs in August; however, we did have an SSO (sanitary sewer overflow) which was from the 2.44" of rain we received within a few hours. She provided the Board with a graph showing additional detail. No homes were backed up, but we will investigate further. We also realized that some of the lake is coming into the sewer pipes in high rain events and she provided a photo of this. Smoke testing will be done and based on our findings, a lining repair will probably need to be done.

The air leaks have been repaired and as a result the digesters are working better.

**Lake in the Hills Sanitary District
Board of Trustees Regular Meeting Minutes
September 15, 2022**

On September 30th we will be hosting a ComEd SEM workshop onsite. The District is saving even more energy than last year. It looks like the District will receive between a \$30,000.00 and \$40,000.00 rebate check from ComEd on top of all of the additional savings we have seen in our bills.

Motion was made by Trustee Irsay, seconded by Trustee Ruzanski, to approve the August 2022 Manager's report as presented. On a roll call vote, President Reed and Trustees Ruzanski and Irsay voted aye.

Engineer's Report:

District Engineer Bob Doeringsfeld of Applied Technologies provided a written report and a verbal summary of some of the items that they are currently working on.

These items are as follows:

- 1) Front Entrance Drive Reconstruction – We are waiting for the schedule from Maneval to finish the asphalt. District Engineer has requested that the asphalt be completed before September 30th which is when the District is hosting the ComEd SEM workshop. The original contract had a September end date so we may have to do a change order to move the contract dates if needed.
- 2) Blower Air Line –The repairs to the air line gasket leaks have been completed.
- 3) Barium Discharge Limits – District Engineer did not receive anything from the Village of Huntley this month regarding their barium usage.
- 4) Task Order 22-02 Sludge Storage Building Modifications – No further updates were provided as this was discussed in depth during the Specific Agenda award (Item D).
- 5) McHenry County DOT Project on Randall Road - The first part of this project was south of Algonquin Road and now they are making improvements from Acorn Lane north to Miller Road. A coordination meeting was held a week ago, which was the first time they have communicated with the Sanitary District about this project. The original report was done in 2007. They want us to move 3,900' of pipe in a wetland that is 15' deep. The new road may have 30' deep pilings, which could damage the existing sewer. This would be a very expensive project. The Trustees may need to be involved in some of the future communication. The MCDOT's plan is to bid next spring, which means the District's pipe would need to be moved by next year. District Manager asked the District Engineer to explain why the District may have to pay to move our sewer. District Engineer explained that from prior projects he has found that the MCDOT has the right of way and any utilities within their right of way lease and are not granted easements.

Attorney's Report:

None.

Unfinished Business:

None.

New Business:

None

Adjournment:

**Lake in the Hills Sanitary District
Board of Trustees Regular Meeting Minutes
September 15, 2022**

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

The meeting was adjourned at 8:05pm.

Respectfully Submitted,



Karen Thompson,
District Clerk

APPROVED this _____ day of _____, 2022.

President Reed

October 18, 2022

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

Re: Front Entrance Drive Reconstruction
Maneval Construction Company Change Order No. 1



Dear Lake in the Hills Sanitary District Board of Trustees:

Maneval Construction Company has submitted the attached Change Order No. 1 for the Front Entrance Drive Reconstruction Project.

I recommend the District Approve and sign Change Order No. 1 of the Front Entrance Drive Reconstruction Project. Which makes the following Contract changes:

- Change Order No. 1 sets the Final Contract price to **\$189,260.11**, a decrease of (\$83,303.30) from the original contract price.
 - Final quantity adjustments to match installed quantities
 - Additional concrete work associated with the ADA parking requirements
 - Modifies the manhole reconstruction scope for two stormwater structures
 - Additional HMA patching associated with the District alum line installation and blower air piping gasket replacement
 - HMA surface material cost adjustment
- The Contract time for Substantial completion was extended from September 15, 2022, to October 15, 2022.

The Contract time extension and the HMA surface material cost adjustment were required because of the District work associated with the blower air piping gasket replacement resulted in the Contractor's work being completed in September when it was previously scheduled for July.

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

Sincerely,

Applied Technologies, Inc.



Robert Doeringsfeld, P.E., District Engineer

Attachments

cc: Tamara Mueller, Lake in the Hills Sanitary District

Change Order No. 1

Date of Issuance: _____ Effective Date: _____

Project: Front Entrance Drive	Owner: Lake in the Hills Sanitary District	Owner's Contract No.:
Contract:		Date of Contract:
Contractor: Maneval Construction Co.		Engineer's Project No.: 6510

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

Description: Final Installed Quantities adjustment, Additional Concrete Work associated with the ADA parking requirements
Modification of adjustments from MH Reconstruction to Storm Structure adjustment, HMA patching, HMA Cost Adjustment

Attachments: (List documents supporting change):

Change Order No. 1 Accounting

CHANGE IN CONTRACT PRICE:

Original Contract Price:

\$ 272,563.41

[Increase] [Decrease] from previously approved Change Orders No. _____ to No. _____:

\$ -0.00-

Contract Price prior to this Change Order:

\$ 272,563.41

[Increase] [Decrease] of this Change Order:

\$ (83,303.30)

Contract Price incorporating this Change Order:

\$ 189,260.11

CHANGE IN CONTRACT TIMES:

Original Contract Times: Working days Calendar days

Substantial completion (days or date): September 15, 2022

Ready for final payment (days or date): September 15, 2022

[Increase] [Decrease] from previously approved Change Orders No. _____ to No. _____:

Substantial completion (days): _____

Ready for final payment (days): _____

Contract Times prior to this Change Order:

Substantial completion (days or date): May 5, 2022

Ready for final payment (days or date): May 5, 2022

[Increase] [Decrease] of this Change Order:

Substantial completion (days or date): October 15, 2022

Ready for final payment (days or date): October 15, 2022

Contract Times with all approved Change Orders:

Substantial completion (days or date): October 15, 2022

Ready for final payment (days or date): October 15, 2022

RECOMMENDED:

By: _____
Engineer (Authorized Signature)

Date: _____

Approved by Funding Agency (if applicable): _____

ACCEPTED:

By: _____
Owner (Authorized Signature)

Date: _____

ACCEPTED:

By: _____
Contractor (Authorized Signature)

Date: _____

Date: _____

Change Order No. 1 Accounting

		OWNER	Lake in the Hills Sanitary District			
		PROJECT DESCRIPTION:	Front Entrance Drive			
		CONTRACTOR:	Maneval Construction Co.			
ITEM #	DESCRIPTION	UNIT	QTY	UNIT PRICE	BID AMT.	
1	Pavement Removal	SY		\$4.97	\$0.00	
2	Earth Excavation	CY		\$30.31	\$0.00	
3	Aggregate Base Repair	TON	(1,016.97)	\$36.58	(\$37,200.76)	
4	Subgrade Repair	TON	(680)	\$36.58	(\$24,874.40)	
5	Triaxial Geogrid	SY	(1,315.60)	\$4.07	(\$5,354.49)	
6	Geotextile Fabric	SY	(500)	\$0.80	(\$400.00)	
7	Preparation of Base	SY		\$0.59	\$0.00	
8	Hot-Mix Surface Removal-Butt Joint	SY		\$14.16	\$0.00	
9	Hot Mix Asphalt Binder Course, IL-19.0, N50	TON	(79.13)	\$87.91	(\$6,956.32)	
10	Bituminous Materials (Prime Coat)	LBS	(4,950)	\$0.15	(\$742.50)	
11	Hot-Mix Asphalt Surface Course, Mix "D", N50	TON	(39.46)	\$102.07	(\$4,027.68)	
12	Concrete Gutter, 24" Detail 02998	LF	4	\$47.25	\$189.00	
13	Manhole Chimney Reconstruction, including Replacement of adjustment rings and External Chimney Seal	EACH	(2)	\$1,711.00	(\$3,422.00)	
14	Thermoplastic Pavement Marking - Line 4"	LF	281	\$17.70	\$4,973.70	
15	Thermoplastic Pavement Parking – Letters and Symbols	SF		\$189.00	\$0.00	
16	Electrical Conduit, including Tracer Wire	LF		\$122.85	\$0.00	
17	Electrical Pull Boxes	EACH		\$840.00	\$0.00	
18	Articulating Concrete Block, 30-S Open-Cell Block, hand placed	SF	(680)	\$30.00	(\$20,400.00)	
19	Erosion Control, including 99-C-2 and Special Provisions Section BLR 11310	LS		\$1,050.00	\$0.00	
20	Landscape Restoration, including Seeding, Class 1A	ACRE		\$6,825.00	\$0.00	
CO1	Concrete sidewalk	LS	1	\$7,700.00	\$7,700.00	
CO1	Concrete Sidewalk Removals	SF	300	\$5.00	\$1,500.00	
CO1	Curb Removal	SF	40	\$10.00	\$400.00	
CO1	Storm Structure Adjustment	EA	2	\$445.00	\$890.00	
CO1	HMA 3" patching	SY	28	\$95.00	\$2,660.00	
CO1	HMA mix Adjustment	TON	440.54	\$4.00	\$1,762.16	
TOTAL					(\$83,303.30)	

October 18, 2022

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



Re: Front Entrance Drive Reconstruction
Maneval Construction Company Pay Application No. 2

Dear Lake in the Hills Sanitary District Board of Trustees:

Maneval Construction Company. has submitted the attached invoice for Pay Request #2, for the Lake in the Hills Sanitary District Front Entrance Drive Reconstruction project. We have reviewed the work and invoice and recommend approval of the payment in the amount of **\$78,128.73**. We have received the lien waiver and it is attached. Once the District has received the Certified Payroll the payment can be released.. The recommended approved payment includes holding a retainage of \$4,731.50 (2.5%).

Work items included in this invoice are HMA surface pavement, pavement marking, landscape restoration, work associated with the office sidewalk removal and replacement, and additional HMA patching for the District alum line installation and blower air piping gasket replacement.

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

Sincerely,

Applied Technologies, Inc.



Robert Doeringsfeld, P.E., District Engineer

Attachments

cc: Tamara Mueller, Lake in the Hills Sanitary District



ENGINEERS' JOINT CONTRACT DOCUMENTS COMMITTEE

Contractor's Application for Payment No. 2

Application Period:	Sep-22	Application Date:	10/7/2022
To (Owner):	Tamara Mueller	From (Contractor):	Manevel Construction Company
Project:	Hyatt Entrance Drive Reconstruction	Contract:	
Owner's Contract No.:		Contractor's Project No.:	
		Engineer's Project No.:	5510
		Via (Engineer):	Applied Technologies, Inc.

Application For Payment Change Order Summary

Approved Change Orders Number	Additions	Deductions	
1. ORIGINAL CONTRACT PRICE.....			\$ 377,563.41
2. Net change by Change Order.....			\$
3. Current Contract Price (Line 1 + 2).....			\$ 377,563.41
4. TOTAL COMPLETED AND STORED TO DATE (Column F total on Progress Estimates).....			\$ 189,260.11
5. RETAINAGE:			
a. 25% X	\$189,260.11	Work Completed.....	\$ 47,315.00
b. X		Stored Material.....	\$
c. Total Retainage (Line 5.a + Line 5.b).....			\$ 47,315.00
6. AMOUNT ELIGIBLE TO DATE (Line 4 - Line 5.c).....			\$ 186,528.61
7. LESS PREVIOUS PAYMENTS (Line 6 from prior Application).....			\$ 106,399.88
8. AMOUNT DUE THIS APPLICATION.....			\$ 78,128.73
9. BALANCE TO FINISH, PLUS RETAINAGE (Column G total on Progress Estimates + Line 5.c above).....			\$ 54,731.50
NET CHANGE BY CHANGE ORDERS			
TOTALS			

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 have 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 interest, or encumbrances); and
 (3) All the Work covered by this Application for Payment is in accordance with the Contract Documents and is not defective.

Contractor Signature: 
 Date: 10-18-22

Payment of: \$78,128.73
 (Line 8 or other - attach explanation of the other amount)
 Is recommended by:  10-18-22
 (Engineer) (Date)
 Payment of: \$78,128.73
 (Line 8 or other - attach explanation of the other amount)

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

Progress Estimate - Unit Price Work

Contractor's Application

For (Contract):		From Entrance Drive Reconstruction		Application Number: 2		Application Date: 10/7/2022							
Application Period: Sep-22		A		B		C		D		E		F	
Bid Item No.	Item Description	Item Quantity	Contract Information Units Unit Price	Total Value of Item (\$)	Estimated Quantity Installed	Value of Work Installed to Date	Materials Presently Stored (not in C)	Total Completed and Stored to Date (D + E)	% (F / B)	Balance to Finish (B - F)			
1	Pavement Removal	3,800	SY \$4.97	\$18,886.00	3,800	\$18,886.00		\$18,886.00	100.0%				
2	Earth Excavation	225	CY \$30.31	\$6,819.75	225.00	\$6,819.75		\$6,819.75	100.0%				
3	Aggregate Base Repair	1,100	TON \$36.58	\$40,238.00	83.03	\$3,037.24		\$3,037.24	7.9%	\$37,200.76			
4	Subgrade Repair	680	TON \$36.58	\$24,874.40						\$24,874.40			
5	Triaxial Geotext	1,600	SY \$4.07	\$6,512.00	284.40	\$1,157.51		\$1,157.51	17.8%	\$5,354.49			
6	Geotextile Fabric	500	SY \$0.80	\$400.00						\$400.00			
7	Preparation of Base	3,800	SY \$0.59	\$2,242.00	3,800	\$2,242.00		\$2,242.00	100.0%				
8	Hot-Mix Surface Removal-Butt Joint	16	SY \$14.18	\$226.56	16.00	\$226.56		\$226.56	100.0%				
9	Hot Mix Asphalt Binder Course, IL-19.0, N50	720	TON \$87.91	\$63,295.20	640.87	\$56,338.88		\$56,338.88	89.0%	\$6,956.32			
10	Bituminous Materials (Prime Coat)	9000	LBS \$0.15	\$1,350.00	4,030	\$607.50		\$607.50	45.0%	\$742.50			
11	Hot-Mix Asphalt Surface Course, Mix "D", N50	475	TON \$102.07	\$48,483.25	436	\$44,455.57		\$44,455.57	91.7%	\$4,027.68			
12	Concrete Gutter, 24" Detail 02998	170	LF \$47.25	\$8,032.50	174	\$8,221.50		\$8,221.50	102.4%	-\$189.00			
13	Manhole Chimney Reconstruction, including Replacement of	11	EA	\$1,711.00	9	\$15,399.00		\$15,399.00	81.8%	\$3,422.00			
14	Thermoplastic Pavement Marking - Line 4"	160	LF \$17.70	\$2,832.00	441	\$7,805.70		\$7,805.70	275.6%	-\$4,973.70			
15	Thermoplastic Pavement Parking - Letters and Symbols	4	SF \$179.00	\$716.00	4	\$756.00		\$756.00	100.0%				
16	Electrical Conduit, including Tracer Wire	35	LF \$122.85	\$4,299.75	35	\$4,299.75		\$4,299.75	100.0%				
17	Electrical Pull Boxes	2	EA	\$840.00	2	\$1,680.00		\$1,680.00	100.0%				
18	Articulating Concrete Block, 30-S Open-Cell Block, hand	680	SF \$30.00	\$20,400.00	100%	\$1,050.00		\$1,050.00	100.0%	\$20,400.00			
19	Erosion Control, including 99-C-2 and Special Provisions	1	LS \$1,050.00	\$1,050.00	0.20	\$1,365.00		\$1,365.00	100.0%				
20	Landscape Restoration, including Seeding, Class 1A	0.2	ACRE \$5,825.00	\$1,365.00									
Change Order No. 1													
	Concrete sidewalk	1	LS \$7,700.00	\$7,700.00	1	\$7,700.00		\$7,700.00	100.0%				
	Concrete Sidewalk Removals	300	SF \$5.00	\$1,500.00	300	\$1,500.00		\$1,500.00	100.0%				
	Curb Removal	40	SF \$10.00	\$400.00	40	\$400.00		\$400.00	100.0%				
	Storm Structure Adjustment	2	EA \$445.00	\$890.00	2	\$890.00		\$890.00	100.0%				
	HMA 3" patching	28	SY \$96.00	\$2,660.00	28	\$2,660.00		\$2,660.00	100.0%				
	HMA mix Adjustment	440.34	TON \$4.00	\$1,762.16	440.34	\$1,762.16		\$1,762.16	100.0%				
	Quantities Adjustment	1	LS							-\$98,215.46			
Totals				\$287,475.57		\$189,260.11		\$189,260.11	65.8%	\$60.00			



STATE OF ILLINOIS

WAIVER OF LIEN TO DATE

Gty #

COUNTY OF LAKE

Escrow #

TO WHOM IT MAY CONCERN:

WHEREAS the undersigned has been employed by LAKE IN THE HILLS SANITARY DISTRICT
to furnish FRONT ENTRANCE DRIVE RECONSTRUCT
for the premises known as 515 PLUM ST., LAKE IN THE HILLS, ILLINOIS
of which LAKE IN THE HILLS SANITARY DISTRICT is the owner.

THE undersigned, for and in consideration of SEVENTY EIGHT THOUSAND ONE HUNDRED TWENTY EIGHT DOLLARS AND 31/100
(\$78,128.73) Dollars, and other good and valuable considerations, the receipt whereof is hereby acknowledged, do(es)
hereby waive and release any and all lien or claim of, or right to, lien, under the statutes of the State of Illinois, relating to mechanics'
liens, with respect to and on said above-described premises, and the improvements thereon, and on the material, fixtures, apparatus or
machinery furnished, and on the moneys, funds or other considerations due or to become due from the owner, on account of all labor,
services, material, fixtures, apparatus or machinery, furnished to this date by the undersigned for the above-described premises,
INCLUDING EXTRAS.*

DATE 10/18/22 COMPANY NAME MANEVAL CONSTRUCTION CO., INC.
ADDRESS 28090 WEST CONCRETE DRIVE, INGLESIDE, IL 60041
SIGNATURE AND TITLE *Deborah Maneval*

*EXTRAS INCLUDE BUT ARE NOT LIMITED TO CHANGE ORDERS. BOTH ORAL AND WRITTEN, TO THE CONTRACT

CONTRACTOR'S AFFIDAVIT

STATE OF ILLINOIS

COUNTY OF LAKE

TO WHOM IT MAY CONCERN:

THE UNDERSIGNED, (NAME) Deborah Maneval BEING DULY SWORN, DEPOSES
AND SAYS THAT HE OR SHE IS (POSITION) President OF Maneval Construction Co., Inc.
(COMPANY NAME) WHO IS THE
CONTRACTOR FURNISHING FRONT ENTRANCE DRIVE RECONSTRUCT WORK ON THE BUILDING
LOCATED AT 515 PLUM ST., LAKE IN THE HILLS, ILLINOIS
OWNED BY LAKE IN THE HILLS SANITARY DISTRICT

That the total amount of the contract including extras* is \$189,260.11 on which he or she has received payment of
\$106,399.88 prior to this payment. That all waivers are true, correct and genuine and delivered unconditionally and that
there is no claim either legal or equitable to defeat the validity of said waivers. That the following are the names and addresses of all
parties who have furnished material or labor, or both, for said work and all parties having contracts or sub contracts for specific
portions of said work or for material entering into the construction thereof and the amount due or to become due to each, and that the
items mentioned include all labor and material required to complete said work according to plans and specifications:

NAMES AND ADDRESSES	WHAT FOR	CONTRAC PRICE INCLUDING EXTRAS*	AMOUNT PAID	THIS PAYMENT	BALANCE DUE
MANEVAL CONSTRUCTION CO., INC.	LABOR & MATERIALS	\$189,260.11	\$106,399.88	\$78,128.73	\$4,731.50
All materials from fully paid stock, all labor paid in full					
TOTAL LABOR AND MATERIALS INCLUDING EXTRAS* TO COMPLETE		\$189,260.11	\$106,399.88	\$78,128.73	\$4,731.50

That there are no other contracts for said work outstanding and that there is nothing due or to become due to any person for material,
labor or other work of any kind done or to be done upon or in connection with said work other than above stated.

DATE 10/18/22 SIGNATURE: *Deborah Maneval*
SUBSCRIBED AND SWORN TO BEFORE ME THIS 18th DAY OF October 2022

*EXTRAS INCLUDE BUT ARE NOT LIMITED TO CHANGE ORDERS, BOTH ORAL AND WRITTEN, TO THE CONTRACT.

Katherine L Montcalm
NOTARY PUBLIC



LAKE IN THE HILLS SANITARY DISTRICT
MONTHLY TREASURER REPORT - O&M/SEWERAGE FUNDS
 Month of September,2022

		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	574,034.91	523,266.43	1,083,680.95
First National Bank - Certificate Fund	Bond & Int	26,565.38	CLOSED	37,516.54
First National Bank - Depreciation Account	Construction	2,767,638.79	2,776,323.44	2,740,847.71
First National Bank - Surplus Funds	Construction	11,725.76	10,511.34	23,994.73
First National Bank - Bond & Interest Fund	Bond & Int	910,344.58	967,578.04	836,953.89
First National Bank - Sinking Funds	Bond & Int	1,289,737.35	1,305,122.93	1,244,940.58
Algonquin Bank & Trust - Cash Mgr	O&M	1,538,615.23	1,586,057.45	1,873,882.90
Algonquin Bank & Trust - Operating Credit Cards	O&M	357.00 (1,414.02)	0.00 (1,267.24)	1,468.00 (875.73)
TOTAL BEGINNING CASH AND INVESTMENTS		7,117,604.98	7,167,592.39	7,842,409.57
SEWERAGE FUNDS				

	PRIOR MONTH	CURRENT MONTH	YTD	BUDGET
Revenues and Receipts				
Sewer Bill Income/User Charges	145,218.00	38,692.25	989,286.39	3,600,000.00
Septage Income	43,437.06	26,959.80	165,778.62	350,000.00
Wastewater Discharge Income	5,648.30	5,887.72	23,605.96	65,000.00
Customer Refunds	(1,715.76)	(611.81)	(10,219.26)	-
Connection/Tap-On Fees	-	20,800.00	36,400.00	100,000.00
Annexation Fees (inc. GIS)	-	-	-	5,000.00
Downstream & Misc Charges	-	-	-	500.00
Liftstation Recapture	-	-	-	-
Gain/Loss - Sale of Equipment	-	-	-	-
Rebates, Refunds or Grants Received	835.06	-	3,063.56	-
Interest Income	5,821.72	5,992.84	18,300.77	5,000.00
TOTAL REVENUES AND RECEIPTS		199,244.38	97,720.80	1,226,216.04
4,125,500.00				

Expenditures

PERSONNEL SERVICES

District Personnel Salaries	51,960.19	53,175.32	265,454.63	700,000.00
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ADMINISTRATIVE EXPENSES

Telephone	199.32	199.32	1,017.39	3,000.00
Postage	1,539.76	4,313.36	10,580.68	20,000.00
Printing and Publications	-	-	-	2,000.00
Office Supplies	1,132.42	70.79	2,792.36	7,500.00
Billing and Collection Expenses	4,479.68	1,572.47	24,661.52	75,000.00
Professional Services	176.70	205.42	1,446.50	5,000.00
Training, Travel and Education	559.00	20.00	1,098.78	7,000.00
Computer Hardware, Software, and Support	1,399.51	828.51	8,056.06	25,000.00
Community Affairs	-	-	60.47	2,000.00
Medical and Life Insurance	21,279.39	21,279.39	104,052.85	275,000.00
	30,765.78	28,489.26	153,766.61	421,500.00

OPERATIONS AND MAINTENANCE

Operating Supplies	2,421.40	2,221.95	15,612.05	60,000.00
Maintenance and Repair (Plant)	6,459.79	2,033.62	25,515.70	150,000.00
Maintenance and Repair (Collection Systems)	13,345.15	36,642.58	66,640.71	300,000.00
Utilities and Energy	14,446.89	13,552.91	98,609.35	400,000.00
Grounds Upkeep	1,345.92	3,000.00	11,445.92	30,000.00
Gasoline/Oil	738.84	638.58	8,960.48	20,000.00
Computer and Support Services	-	-	-	2,000.00
Emergency Communications	585.73	935.91	4,400.35	40,000.00

	PRIOR MONTH	CURRENT MONTH	YTD	BUDGET
Sludge Management	14,489.95	45,529.88	134,896.78	225,000.00
Professional Services	2,372.80	8,785.55	22,050.55	35,000.00
Residential Reimbursement	-	-	3,549.45	10,000.00
Compliance Requirements/Permits	2,500.00	-	20,000.00	30,000.00
GIS	-	-	-	10,000.00
	<u>58,706.47</u>	<u>113,340.98</u>	<u>411,681.34</u>	<u>1,312,000.00</u>

Expenditures (continued)

CAPITAL IMPROVEMENTS

New Construction	1,220.00	5,945.00	158,427.74	1,500,000.00
Plant Equipment	-	88,458.01	195,658.19	500,000.00
Collection System	-	-	99,586.00	500,000.00
Vehicles	-	-	101,355.00	175,000.00
Legal Expense	-	-	-	5,000.00
Engineering Expense	11,740.00	22,135.00	41,885.00	200,000.00
Bond, Finance Consulting Expense	-	-	-	1,000.00
	<u>12,960.00</u>	<u>116,538.01</u>	<u>596,911.93</u>	<u>2,881,000.00</u>

BOND TRANSFERS

2008 Debt Certificates, Principal	-	-	690,000.00	690,000.00
2008 Debt Certificates, Interest	-	-	4,555.47	5,000.00
Administration Fees - 2008 Debt Certs	-	-	500.00	2,000.00
	<u>-</u>	<u>-</u>	<u>695,055.47</u>	<u>697,000.00</u>

Series 2014 Bond, Principal	-	-	-	120,000.00
Series 2014 Bond, Interest	-	49,893.75	49,893.75	100,000.00
Administration Fees - 2014 Series Bond	-	-	-	2,000.00
	<u>-</u>	<u>49,893.75</u>	<u>49,893.75</u>	<u>222,000.00</u>

CONTINGENT AND MISCELLANEOUS EXPENSES

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

TOTAL EXPENDITURES 154,392.44 361,437.32 2,172,763.73 6,236,500.00

EXCESS OF REVENUES OVER (UNDER) EXPENDITURES 44,851.94 (263,716.52) (946,547.69) (2,111,000.00)

		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	523,266.43	245,512.27	697,702.92
First National Bank - Certificate Fund	Bond & Int	CLOSED	CLOSED	708,083.29
First National Bank - Depreciation Account	Construction	2,776,323.44	2,800,422.85	2,749,254.33
First National Bank - Surplus Funds	Construction	10,511.34	10,516.53	5,175.26
First National Bank - Bond & Interest Fund	Bond & Int	967,578.04	929,123.01	902,982.83
First National Bank - Sinking Fund	Bond & Int	1,305,122.93	1,320,515.61	1,259,762.88
Algonquin Bank & Trust - Cash Mgr.	O&M	1,586,057.45	1,600,153.36	1,230,076.74
Algonquin Bank & Trust - Operating	O&M	0.00	0.00	397.00
Credit Cards	O&M	(1,267.24)	(1,219.24)	(2,222.08)

TOTAL ENDING CASH AND INVESTMENTS 7,167,592.39 6,905,024.39 7,551,213.17

SEWERAGE FUNDS

LAKE IN THE HILLS SANITARY DISTRICT
MONTHLY TREASURER REPORT - GOVERNMENTAL FUNDS
 Month of September, 2022

	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	\$ 1,448,962.27	\$ 1,418,898.76	\$ 1,217,089.48
Credit Cards	-	-	-
TOTAL BEGINNING CASH AND INVESTMENTS	1,448,962.27	1,418,898.76	1,217,089.48

	PRIOR MONTH	CURRENT MONTH	YTD	BUDGET
Revenues and Receipts				
Real Estate Taxes				
General Fund	5,053.19	158,858.52	348,848.05	355,000.00
Audit Fund	170.85	5,371.42	11,795.47	12,000.00
Chlorination Fund	0.24	7.70	16.92	10.00
Liability Insurance Fund	1,067.59	33,562.18	73,701.45	75,000.00
Social Security Fund	925.32	29,089.83	63,880.30	65,000.00
Revenue Recapture Fund	9.07	285.26	626.41	-
Retirement Fund	2,206.32	69,360.54	152,313.46	155,000.00
Replacement Taxes	106.82	-	2,341.98	-
Rebates, Refunds or Grants Received	-	-	2,413.00	-
Interest Income	713.65	779.87	2,127.20	1,000.00
TOTAL REVENUES AND RECEIPTS	10,253.05	297,315.32	658,064.24	663,010.00

Expenditures

GENERAL FUND

PERSONNEL SERVICES

Salaries of Trustees, Manager, Treasurer & Clerk	16,436.73	15,804.85	79,496.06	210,000.00
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CONTRACTUAL SERVICES

Professional Engineering	1,482.00	624.00	9,864.00	65,000.00
Legal Services	647.60	860.00	2,872.80	25,000.00
Other Professional Services	-	-	580.00	5,000.00
	2,129.60	1,484.00	13,316.80	95,000.00

ADMINISTRATIVE EXPENSES

Printing, Publications	-	-	1,448.52	4,500.00
Office Supplies, Equipment	-	-	45.00	2,500.00
Postage	-	-	-	1,000.00
Treasurer's Bond	-	-	-	4,000.00
Community Affairs	-	-	-	1,000.00
Memberships and Dues	-	-	10.00	4,000.00
	-	-	1,503.52	17,000.00

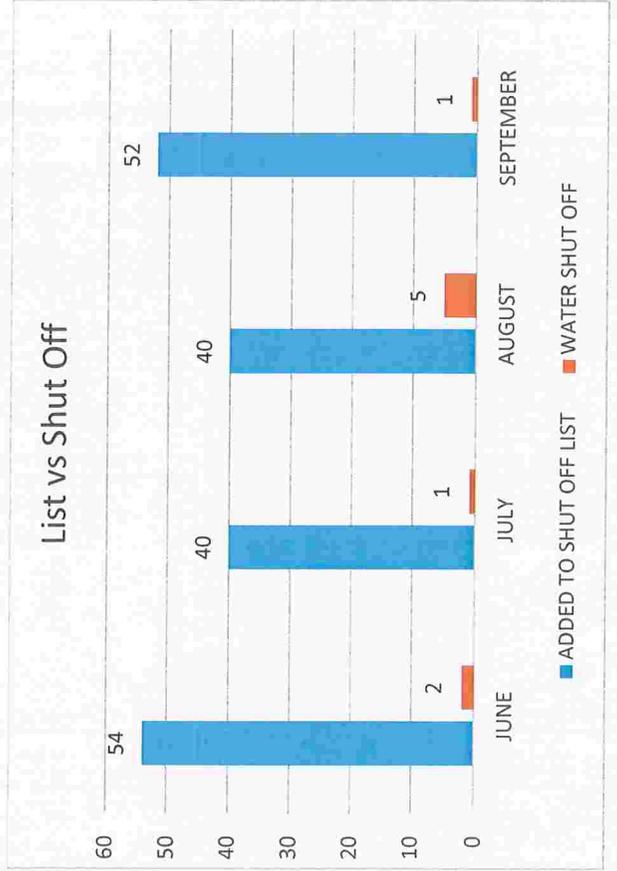
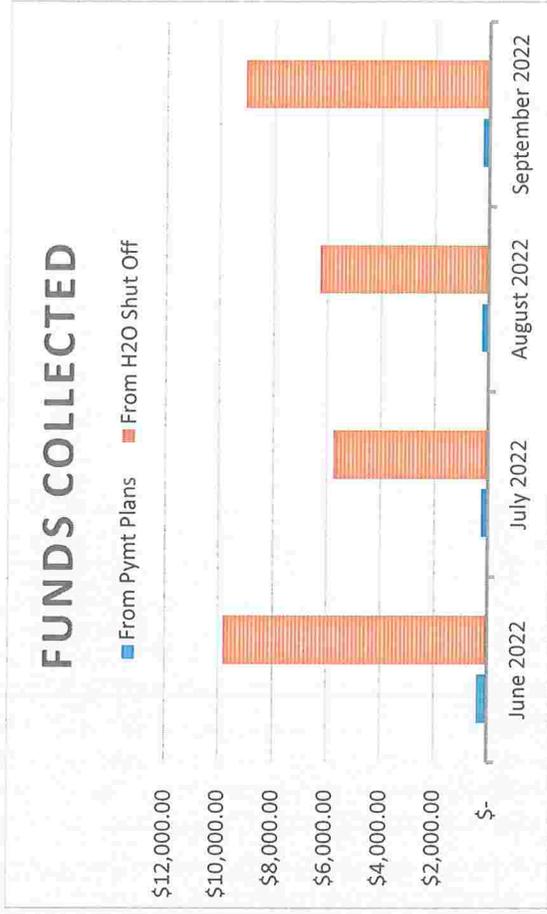
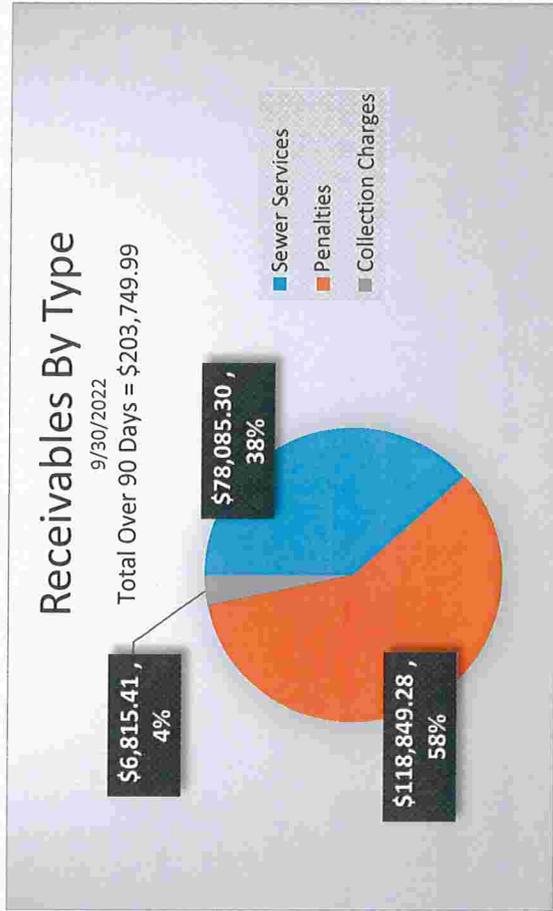
OPERATING EXPENSES

Building and Grounds Upkeep	49.99	1,529.00	3,428.99	15,000.00
Utilities	356.44	374.56	5,453.20	40,000.00
J.U.L.I.E.	-	-	-	3,000.00
Training and Education	-	-	200.00	3,000.00
Travel Expenses	-	-	-	2,000.00
Computer Hardware, Software & Support	-	275.00	550.00	7,000.00
	406.43	2,178.56	9,632.19	70,000.00

	PRIOR MONTH	CURRENT MONTH	YTD	BUDGET
CONTINGENT AND MISCELLANEOUS EXPENSES				
Not Otherwise Appropriated	-	-	-	1,000.00
	-	-	-	1,000.00
TOTAL GENERAL FUND	18,972.76	19,467.41	103,948.57	393,000.00
Expenditures (continued)				
CHLORINATION FUND	1,731.60	4,306.50	8,480.68	35,000.00
	1,731.60	4,306.50	8,480.68	35,000.00
AUDIT FUND	-	-	-	15,000.00
	-	-	-	15,000.00
PUBLIC LIABILITY INSURANCE FUND				
Workers' Compensation	4,225.00	-	8,450.00	30,000.00
Administrative Fee	127.00	-	254.00	1,000.00
Property	-	-	-	45,000.00
Vehicles	-	-	-	15,000.00
General Liability	-	-	-	74,000.00
	4,352.00	-	8,704.00	165,000.00
SOCIAL SECURITY FUND	5,232.35	5,277.03	26,388.74	70,000.00
IMRF FUND	10,027.85	10,115.21	50,583.80	155,000.00
OTHER EXPENDITURES (RECEIPTS)	-	-	-	-
	-	-	-	-
TOTAL EXPENDITURES	40,316.56	39,166.15	198,105.79	833,000.00
EXCESS OF REVENUES OVER (UNDER) EXPENDITURES	(30,063.51)	258,149.17	459,958.45	(169,990.00)
Ending Cash and Investments				
	BANK BAL AT END OF THE PRIOR MONTH	BANK BAL AT END OF THE CURRENT MONTH	BANK BALANCE AT THE END OF MAY	
First National Bank	\$ 1,418,898.76	\$ 1,677,047.93	\$ 1,232,842.78	
Credit Cards	-	-	-	
TOTAL ENDING CASH AND INVESTMENTS	1,418,898.76	1,677,047.93	1,232,842.78	

Accounts Receivable Analysis

September 2022



Monthly Shut Off Summary

Lake in the Hills

- 1 shut off – Pd in full post shut off.

Huntley

- None.

Crystal Lake

- None.

**LITH SANITARY DISTRICT
Bills Paid Prior To Meeting
October 20, 2022 Meeting Date**

Name	Memo	Amount
Governmental Funds		
NONE		\$ -
TOTAL GOVERNMENTAL BILLS PAID PRIOR TO MEETING		\$ -
O & M Funds		
TAS United	Emergency Communications	\$ 100.00
United States Postal Service	Postage - Book of Stamps	\$ 60.00
Verizon Wireless	Emergency Communications	\$ 389.30
TOTAL O & M BILLS PAID PRIOR TO MEETING		\$ 549.30

**LITH SANITARY DISTRICT
Recurring Bills
October 20, 2022 Meeting Date**

Name	Memo	Amount
Governmental Funds		
United States Treasury	District Pd Payroll Taxes (SS & Med)	\$ 5,277.03
Illinois Municipal Retirement Fund	Employer Portion of IMRF-September 2022	\$ 10,115.21
TOTAL GOVERNMENTAL RECURRING BILLS		\$ 15,392.24
O & M Funds		
Blue Cross Blue Shield	Medical Insurance Premiums (for September 2022)	\$ 19,910.92
First National Bank PayMaker/Bill.com	Pro Svs - PayMaker/ Bill.com (for August 2022 payments)	\$ 78.71
Humana	Specialty Insurance Premiums (for September 2022)	\$ 1,368.47
United States Postal Service	Postage - Mailing of QU Bills	\$ 4,313.36
TOTAL O & M RECURRING BILLS		\$ 25,671.46

Approved _____

President Reed

**LITH SANITARY DISTRICT - Governmental Fund
Bills Presented to Board for Approval
October 20, 2022 Meeting**

Name	Memo		
GOVERNMENTAL FUND BILLS			
Applied Technologies Inc	Engineering Svs Through September 25, 2022	\$	2,910.00
Ed's Rental & Sales Inc	Community Affairs - Table, Chairs, Linens Rental for SEM Workshop	\$	292.50
Environmental Systems Research	Computer Expenses - ArcGIS Desktop Renewal	\$	400.00
Hawkins Inc	Chlorination - Alum Sulfate	\$	1,756.10
Hawkins Inc	Chlorination - Alum Sulfate	\$	1,728.10
Hawkins Inc	Chlorination - Alum Sulfate	\$	2,572.90
Jones Insurance Services	Contingent & Misc (NOA) - Trustee Bonds	\$	150.00
Northwest Herald	Printing & Publications - Annual Subscription	\$	271.40
Shaw Suburban Media Group	Printing & Publications - Bid Sludge Storage & Availability of Audit	\$	663.48
Storino Ramello & Durkin	Legal Services - August 2022	\$	492.50
Vanguard Energy Services	Utilities - Sept 2022	\$	561.80
TOTAL GOVERNMENTAL FUND BILLS		\$	11,798.78

**LITH SANITARY DISTRICT - O&M/Sewerage Fund
Bills Presented to Board for Approval
October 20, 2022 Meeting**

Name	Memo		Amount
O & M BILLS			
Abbott Rubber Company Inc	Maint/Repair - Coll System, Reducer for Trailer Pump	\$	299.15
Abbott Rubber Company Inc	Maint/Repair - Coll System, Parts for Trailer Pump	\$	895.96
Applied Technologies Inc	Engineering - Task Order 22-02 Sludge Storage Bldg	\$	9,972.00
Applied Technologies Inc	Engineering - Task Order 22-01 Front Drive Pavement CEI	\$	1,170.00
Auto Zone	Plant Vehicles - Oil Filter 2007 Expedition	\$	3.79
Auto Zone	Plant Vehicles - Oil Filters	\$	8.47
Calco, Ltd. Inc.	Operating Supplies	\$	129.00
Cintas Corporation #355	Operating Supplies - Personnel Sept 2022	\$	678.01
Constellation New Energy Inc	Utilities - Meadowbrook	\$	123.45
Constellation New Energy Inc	Utilities - Concord	\$	513.80
Constellation New Energy Inc	Utilities - Beach	\$	47.37
Constellation New Energy Inc	Utilities - Plant	\$	12,144.39
Constellation New Energy Inc	Utilities - Dam	\$	213.13
Constellation New Energy Inc	Utilities - Decatur	\$	1,141.42
Constellation New Energy Inc	Utilities - Pyott	\$	222.83
Ferguson Ent (dba Pollardwater) #3326	Operating Supplies - Personnel, Boots	\$	151.68
First National Bank of Omaha - Visa	Op Supplies -Personnel, Pro Svs, Off Supplies, M/R Plant, Computer Exp, Phone, TTE	\$	1,270.29
Fisher Scientific	Operating Supplies - Lab	\$	469.35
Flood Brothers Disposal & Recycling Svs	Bldg & Grounds - October Trash & Recycling	\$	361.92
Grainger, Inc.	Maint/Repair - Plant, Danger Sign	\$	25.70
Grainger, Inc.	Maint/Repair - Plant, Gasoline Danger Sign	\$	9.63
Green Guerrilla LLC	Pro Svs & Upgrades - Garden Beds & Landscaping Stone	\$	6,195.00
Hach Company	Operating Supplies - Lab	\$	226.41
Hach Company	Operating Supplies - Lab	\$	234.69

Harrell & Son's Lawn Maintenance	Grounds Upkeep - September Mowing	\$	1,500.00
Hawkins, Inc	Sludge Mgt - Aqua Hawk 808	\$	5,034.95
Hawkins, Inc	Sludge Mgt - Aqua Hawk 1124	\$	5,864.50
Hawkins, Inc	Sludge Mgt - Aqua Hawk 1124	\$	3,655.29
Logsdon Office Supply	Office Supplies - Ink & Toners	\$	457.33
Logsdon Office Supply	Office Supplies - Desk Calendars & Planners	\$	68.40
Logsdon Office Supply CREDIT	Office Supplies CREDIT - Return Keyboard	\$	(51.80)
McHenry County Recorder	Collection Exp - September 2022	\$	2.00
Metropolitan Industries, Inc.	Emergency Communications - Metro Cloud 9/15/22 Invoice	\$	445.00
Metropolitan Industries, Inc.	Emergency Communications - Metro Cloud 10/15/22 Invoice	\$	445.00
Mid-South Imaging LLC	Collection Exp - Electronic Processing Bank Bill Pays	\$	85.00
Motion Industries Inc	Maint/Repair - Plant, Raptor Element	\$	357.90
PetroChoice LLC	Gas/Fuel	\$	855.70
Storino Ramello & Durkin	Collection Exp - August 2022	\$	91.40
Synagro-WWT, Inc.	Sludge Mgt - September 2022	\$	30,000.00
Technology Masters Inc	Computer Exp - Sept Maintenance	\$	452.00
TEKLAB Inc	Pro Svs - Lab	\$	148.00
TEKLAB Inc	Pro Svs - Lab	\$	148.00
TEKLAB Inc	Pro Svs - Lab	\$	295.20
The Home Depot	Maint/Repair - Plant, Post for Office Sign Replacement	\$	11.96
Third Millennium Associates, Inc.	Collection Exp - Rendering of QU Bills	\$	2,609.53
United Laboratories	Operating Supplies	\$	254.70
Village of Lake In The Hills	Collection Exp - Water Shut Off Fees 9/27/22	\$	52.50
Warehouse Direct	Pro Svs - Copies	\$	26.14
Water One, Inc.	Operating Supplies - Personnel, Drinking Water Equip Rental	\$	22.50
Water One, Inc.	Operating Supplies - Personnel, Drinking Water	\$	72.75
Xylem Water Solutions	Maint/Repair - Coll Sys, Suction Hoses	\$	2,290.04
Ziegler's Ace Hardware	Operating Supplies - September 2022	\$	505.63

TOTAL O&M FUND BILLS

\$ 92,207.06

CONSTRUCTION FUND BILLS

RES Great Lakes LLC	New Const - Pro Svs & Upgrades Turf to Prairie Conversion	\$	470.00
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TOTAL CONSTRUCTION FUND BILLS

\$ 470.00

GRAND TOTAL OF ALL BILLS PRESENTED FOR APPROVAL IS \$146,088.84 OF WHICH \$27,191.02 IS FROM THE GOVERNMENTAL FUNDS, \$118,427.82 IS FROM THE OPERATIONS AND MAINTENANCE FUNDS, \$470.00 IS FROM THE CONSTRUCTION FUNDS, AND \$0.00 IS FROM THE BOND AND INTEREST FUNDS.

Approved _____

President Reed

MANAGER'S REPORT

Month of September, 2022

Customers

	CURRENT	12/MO TOTAL	Data for Sep 2021
Total accounts:	11,754		
New Customers:	0	11	0
Connections:	4	12	0
Permits Issued:	3	14	0
Permits Issued Past 13 Months:	14		
Total Permits Issued to Date:			
<i>Residential:</i>	10,115		
<i>Commercial:</i>	122		
<i>Industrial:</i>	1		

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

NAME	PE	DWELLINGS	Issued

COLLECTION SYSTEM EMERGENCY RESPONSES AND SANITARY SEWER OVERFLOWS

DATE	LOCATION	PROBLEM	DISTRICT PROBLEM
9/14/2022	7 Rolling Hills Court	sewer smell, dry drains	no
9/14/2022	5020 Highwood Lane	sewer smell, main surcharged	yes
9/23/2022	2124 Daybreak Drive	service line plugged	no

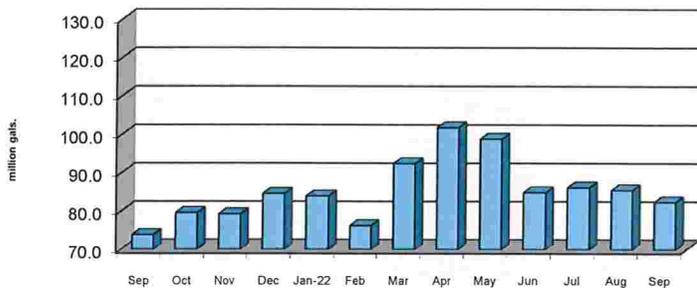
COLLECTION SYSTEM ACTIVITIES

James televised 3,834' of sewer, some in the original part of town, the rest in known greasy areas.
John and Rene root cut 800' of sewer.

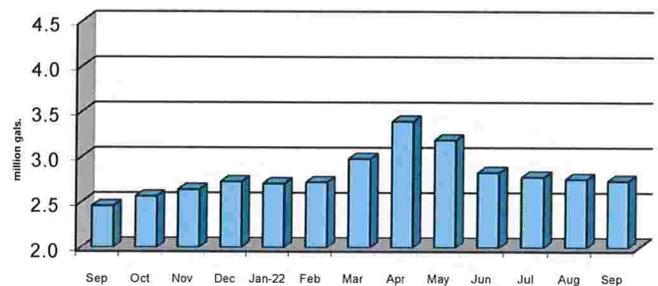
FLOW

Total Effluent Flow for Month:	82.379	million gallons
Average Daily Flow:	2.738	mgd
Maximum Daily Flow:	4.521	mgd
Precipitation Total:	3.17	inches
Precipitation This Month Last Year:	0.72	inches
Septage Accepted:	517,255	gallons

Total Monthly Flows



Monthly Average Daily Flows



MANAGER'S MONTHLY REPORT

September 2022

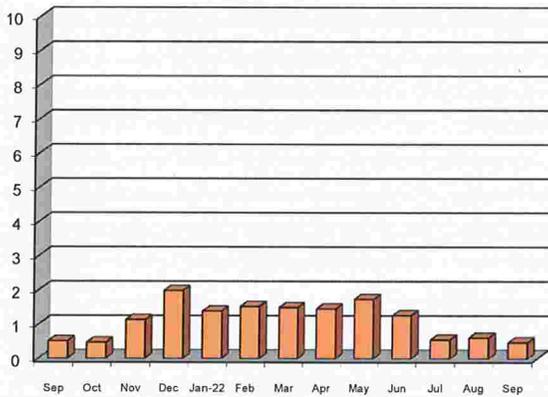
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TREATMENT PLANT OPERATIONS

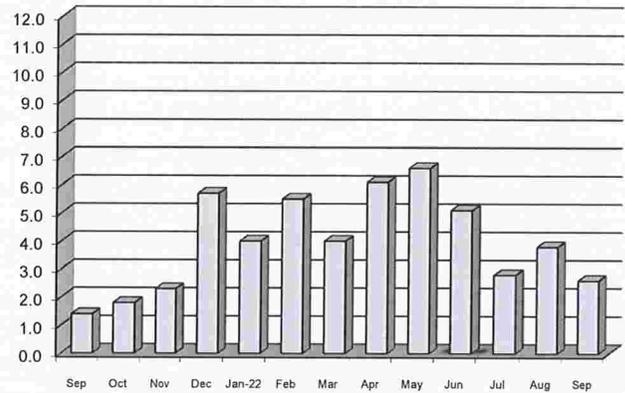
	<u>Average in</u>	<u>Average out</u>	<u>Average % reduction</u>
BOD/CBOD	184 mg/L	0.5 mg/L	99.7%
Total Suspended Solids:	383 mg/L	2.6 mg/L	99.3%
Ammonia Nitrogen:	16.4 mg/L	0.1 mg/L	99.7%
Phosphorus:		0.09 mg/L	
Fecal Coliform:		111 MPN	

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:	1.779 million gallons
Decanted:	0.129 million gallons
Thickened:	1.847 million gallons
To Digester:	1.184 million gallons
Pressed:	1.468 million gallons

PERSONNEL ACTIVITIES

District hosted a Randall Road Utility Project (Acorn to Ackman) Meeting on September 7, 2022.
District hosted a ComEd SEM Workshop on September 30, 2022.

Respectfully submitted,

Tamara C. Mueller
District Manager



Date: October 18, 2022 **Project #:** 6515
To: Tamara Mueller, District Manager and Board of Trustees
Organization: Lake in the Hills Sanitary District
From: Robert C. Doeringsfeld, P.E., District Engineer
Regarding: October 2022 District Engineer's Report
Cc: Karen Thompson – District Clerk/Treasurer

1. Front Entrance Drive Reconstruction

- a. Project was completed at the end of September.
- b. Change Order No. 1 was submitted for approval to the October Board Meeting. This change order finalized the Contract Amount at **\$189,260.11**, a decrease of (\$83,303.30) from the original contract price.
- c. Pay Application No. 2 was submitted for approval to the October Board Meeting, in the amount of \$78,128.73. The retainage held is \$4,731.50 (2.5%). The Certified Payroll must be received Prior to the release of this payment by the District.

2. Barium Discharge Limits

- a. We are proceeding with a submittal to US EPA for a local limit on Barium.

3. Task Order No. 22-02 – Sludge Storage Building Modifications

- a. Contracts have been signed and a Notice to Proceed has been delivered to Martam Construction.
- b. While the submitted bids were higher than the project's estimate, it is unlikely that the cost of the project would be decreased if the project was rebid, because the cost of material and labor continue to increase.

4. McHenry County Division of Transportation (MCDOT) – Randall Road Project

- a. The District Responded to the meeting minutes of MCDOT coordination meeting to clarify the position of the District; indicating that the District does not prefer to move existing sanitary sewer pipes, and does not have the “resources, time, and budget to move 3,900 feet of sewer by Summer of 2023.” We have requested additional coordination meetings to discuss the issue.

5. Lake in the Hills Master Water/Sewer Plan

a. We responded to the Village's preliminary Routing Options memo with comments.