



LAKE IN THE HILLS

SANITARY DISTRICT

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

AGENDA
PUBLIC HEARING, REGULAR MEETING, AND DECENNIAL COMMITTEE MEETING
OF THE BOARD OF TRUSTEES
May 18, 2023
7:00 p.m.

7:00 P.M. PUBLIC HEARING – BUDGET AND APPROPRIATIONS FOR FISCAL YEAR
MAY 1, 2023 THROUGH APRIL 30, 2024

Roll Call

Pledge of Allegiance

Public Comments

Budget and Appropriations for Fiscal Year May 1, 2023 through April 30, 2024

Adjourn Public Hearing

REGULAR MEETING OF THE BOARD OF TRUSTEES

Roll Call

Appointment of Decennial Committee Members

Approval of Minutes

Public Comments

Consent Agenda

- A. Approval of Ordinance No. 419, An Ordinance for the Combined Budget and Appropriations for Fiscal Year May 1, 2023 through April 30, 2024.**
- B. Approval of Change Order No. 1 in the amount of \$1,923.00 to Martam Construction for the Sludge Storage Building Modification.**
- C. Approval of Contractor's Application for Payment No. 4 to Martam Construction in the amount of \$142,089.30 for the Sludge Storage Building Modification.**



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SANITARY DISTRICT

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PUBLIC HEARING, REGULAR MEETING, AND DECENNIAL COMMITTEE MEETING
OF THE BOARD OF TRUSTEES
May 18, 2023
7:00 p.m.
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Specific Agenda

Treasurer's Report

Approval of Bills

Grand total of all bills presented for approval is \$208,290.51 of which \$60,199.22 is from the Governmental Funds, \$148,091.29 is from the Operations and Maintenance Funds, \$0.00 is from the Construction Funds, and \$0.00 is from the Bond and Interest Funds.

Manager's Report

Engineer's Report

Attorney's Report

Unfinished Business

New Business

Adjournment

DECENNIAL COMMITTEE MEETING

Roll Call

New Business

Public Comments and Survey

**Lake in the Hills Sanitary District
Board of Trustees Regular Meeting Minutes
April 20, 2023**

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, District Attorney Ann Williams of Storino, Ramello & Durkin and District Treasurer/Clerk Karen Thompson.

Pledge of Allegiance

Approval of Minutes:

Motion was made by Trustee Ruzanski, seconded by Trustee Irsay to approve the minutes of the Regular Board Meeting of March 16, 2023 as presented. On a roll call vote, President Reed and Trustees Ruzanski and Irsay voted aye.

Public Comments:

None.

Consent Agenda:

- A. Appointment of Tamara Mueller as District Manager, Karen Thompson as District Clerk, Applied Technologies as District Engineers, and Robert Doeringsfeld as District Engineer, Storino, Ramello & Durkin as District Attorneys, and Ann Williams as District Attorney, and George Roach and Associates as District Auditors.
- B. Approval of salary adjustments as recommended by District Manager.
- C. Approval of Ordinance No. 418 amending Ordinance No. 414 Regarding the Combined Budget and Appropriations for Fiscal Year May 1, 2022, through April 30, 2023, of the Lake in the Hills Sanitary District.
- D. Approval of Contractor's Application for Payment No. 3 to Martam Construction in the amount of \$221,234.40 for the Sludge Storage Building Modification.

Motion was made by Trustee Ruzanski and seconded by Trustee Irsay to approve the Consent Agenda as presented (A- D). On a roll call vote, President Reed and Trustees Ruzanski and Irsay voted aye to approve the Consent Agenda as presented and approve Items A through D.

Specific Agenda:

None.

**Lake in the Hills Sanitary District
Board of Trustees Regular Meeting Minutes
April 20, 2023**

Treasurer's Report:

District Treasurer presented final written copies of the March 2023 Treasurer's reports and provided a verbal summary of some of the receipts and expenses.

Motion was made by Trustee Irsay and seconded by Trustee Ruzanski to approve the March 2023 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.

Motion was made by Trustee Irsay and seconded by Trustee Ruzanski to approve the List of Bills as presented. The total approved for payment is \$149,726.94 of which \$30,136.37 is from the Governmental Funds, \$119,590.57 is from the Operations and Maintenance Funds, \$0.00 is from the Construction Funds, and \$.00 is from the Bond and Interest Funds.

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

Manager's Report:

District Manager presented a written copy of the March 2023 Manager's report and verbally provided some additional detail.

She highlighted the following items:

- There were five residential call outs in March. Three were the District's issue. One of these resulted in some property damage, but the resident wanted to clean and repair it himself. The backup was the result of rags.
- District maintenance staff cleaned 1,400' of line on Randall Road at the request of MCDOT. Staff was able to verify that the line is in good condition.
- Grease trap inspections are done and all are in compliance for the year.
- District Manager attended the Fox River Summit on 3/16/23. She provided some details about this at last month's meeting.
- She confirmed that everyone has turned in their Statement of Economic Interest forms.
- District Manager provided the Board with a draft copy of the 2023-2024 Budget and Capital Improvement List. Even though some areas of the budget were increased, the overall budget went down because we paid off the 2008 Debt Certificates. She believes that we would be in a good position to abate some property taxes this year if the Board wishes.

Motion was made by Trustee Ruzanski, seconded by Trustee Irsay, to approve the March 2023 Manager's report as presented. On a roll call vote, President Reed and Trustees Ruzanski and Irsay voted aye.

**Lake in the Hills Sanitary District
Board of Trustees Regular Meeting Minutes
April 20, 2023**

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. Task Order 23-01 Sludge Storage Building Modifications – Pay app #3 was approved tonight. The contractor has completed the excavation, the footings and all of the outside walls. The vactor bay will be poured on Monday. The remainder of the storm sewer will be installed tomorrow. The Board was provided with a proposal for gutters from Martam for a total of \$48,750.00. District Engineer has also been seeking a quote from another company who has been unresponsive. That company's initial verbal quote was low, however, we cannot get them to provide an actual written quote. District Engineer has been having difficulty getting other companies to quote. This project had \$50,000.00 of allowances that we have not had to use. Additionally, we did not have to use any extra sludge hauling which also helped save money. He indicated that he spoke with the District Manager and the plan is to move forward with the gutters and the project cost should still come in under the original budget. The project is about 62% completed now.
2. McHenry County Division of Transportation (MCDOT) Randall Road Project – Meetings and discussions continue. He provided a small sketch within his printed report which showed their current proposals for relocating manholes and sewer lines. He provided a verbal explanation and detail of this sketch. Construction will most likely start in April 2024.
3. PA 102-1088 Decennial Committees on Local Government Efficiencies Act – He reminded everyone that committee members will need to be appointed at the May meeting.
4. District Sanitary Sewer Lining – The kick off meeting was held on March 29, 2023. The plan is to start with the western portion of the collection system for the Dam Lift Station (Section 1). This section is 8,000 feet. If all 8,000 feet are not able to be completed this year due to budget specifications, we will continue into future years as the budget allows.
5. Septic Receiving Station – We are still waiting for a quote on the controls. We did just receive a quote with a preliminary layout for the new screen. He gave this to the District Manager. He will meet with District staff to discuss further. District Manager added that the current system needs a major overhaul as it is broken and dilapidated. A new system will reduce maintenance time, simplify the process and improve overall operation.

Attorney's Report:

At President Reed's request, the District Attorney prepared a memo outlining the requirements for PA 102-1088 Decennial Committees on Local Government Efficiency Act. District Attorney suggested that we could do the committee meetings on the same night at the regular Board meetings. She suggested that we add the appointments to the May agenda. District Engineer added that there must be a separate notice that the committee meeting is happening.

She also has guidance on completing the economic interest statements should anyone need it.

Unfinished Business:

None.

**Lake in the Hills Sanitary District
Board of Trustees Regular Meeting Minutes
April 20, 2023**

New Business:

A resident from 232 Indian Trail asked about the status of the seawall project. District Engineer provided detail and added that we have received two quotes so far, but this project is still in the early stages and no decisions have been made. The resident has concerns about the erosion that is happening and wanted to get some detail about the design of the seawall.

Adjournment:

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

The meeting was adjourned at 7:44pm.

Respectfully Submitted,

KT

Karen Thompson,
District Clerk

APPROVED this _____ day of _____, 2023.

President Reed

ORDINANCE NO. 419
*An Ordinance for the Combined Budget and Appropriations
for Fiscal Year May 1, 2023, through April 30, 2024
of the Lake in the Hills Sanitary District*

BE IT ORDAINED by the President and Board of Trustees of the LAKE IN THE HILLS SANITARY DISTRICT, McHenry County, Illinois, as follows:

SECTION 1: The following is the Annual Budget and Appropriations Ordinance for the Lake in the Hills Sanitary District for the fiscal year beginning May 1, 2023, and ending April 30, 2024.

A. GENERAL FUND

1.	<u>Personnel Services and Salary Expense</u>	
	Salaries of Trustees, Manager, Finance Director, Clerk	\$220,000
		<u>\$220,000</u>
2.	<u>Contractual Services</u>	
	Professional Engineering	\$ 65,000
	Legal Services	25,000
	Other Professional Services	<u>5,000</u>
		\$ 95,000
3.	<u>Administrative Expenses</u>	
	Printing, Publications	\$ 4,500
	Office Supplies, Equipment	2,500
	Postage	1,000
	Treasurer's Bond	4,000
	Community Affairs	1,000
	Memberships and Dues	<u>4,000</u>
		\$ 17,000
4.	<u>Operating Expenses</u>	
	Building and Grounds Upkeep	\$ 15,000
	Utilities	55,000
	J.U.L.I.E.	3,000
	Training and Education	3,000
	Travel Expenses	2,000
	Computer Hardware, Software & Support	<u>7,000</u>
		\$ 85,000
5.	<u>Contingent and Miscellaneous Expenses</u>	
	(Not otherwise appropriated)	<u>\$ 1,000</u>
		\$ 1,000
	<u>TOTAL GENERAL FUND</u>	<u>\$418,000</u>

B. CHLORINATION FUND \$ 50,000

C.	<u>AUDIT FUND</u>	\$ 15,000
D.	<u>PUBLIC LIABILITY INSURANCE FUND</u>	
	Workers' Compensation	\$ 25,000
	Property	45,000
	Vehicles	15,000
	General Liability	74,000
	Administration Fee	<u>1,000</u>
		\$160,000
E.	<u>SOCIAL SECURITY FUND</u>	\$ 75,000
F.	<u>IMRF FUND</u>	\$155,000
	<u>TOTAL GENERAL CORPORATE FUND</u>	<u>\$873,000</u>
G.	<u>OPERATION & MAINTENANCE FUND</u>	
1.	<u>SEWERAGE OPERATIONS AND MAINTENANCE ACCOUNT</u>	
a.	<u>Personnel Services</u>	
	District Personnel Salaries	<u>\$730,000</u>
		\$730,000
b.	<u>Administrative Expenses</u>	
	Telephone	\$ 3,000
	Postage	27,500
	Printing, Publications	2,000
	Office Supplies	7,500
	Billing and Collection Expenses	75,000
	Professional Services	5,000
	Training, Travel and Education	7,000
	Computer Hardware, Software and Support	25,000
	Community Affairs	2,000
	Medical and Life Insurance	<u>275,000</u>
		\$429,000
c.	<u>Operation and Maintenance of Plant</u>	
	Operating Supplies	\$ 60,000
	Maintenance and Repair (Plant)	150,000
	Maintenance and Repair (Collection Systems)	300,000
	Utilities and Energy	400,000
	Grounds Upkeep	30,000
	Gasoline/Oil	20,000
	Computer and Support Services	2,000
	Emergency Communications	15,000
	Sludge Management	275,000
	Professional Services	45,000

Residential Reimbursement	10,000
Compliance Requirements/Permits	30,000
GIS	<u>10,000</u>
	\$1,347,000
TOTAL OPERATING BUDGET	<u>\$2,506,000</u>

2. Construction

d. Capital Improvements

New Construction	\$ 1,500,000
Plant Equipment	500,000
Collection System	600,000
Vehicles	75,000
Legal Expense	5,000
Engineering Expense	200,000
Bond, Finance Consulting Expense	<u>1,000</u>
	\$2,881,000

3. Bond and Interest Account

e. Bond Transfers

2014 Bonds, Principal	\$ 125,000
2014 Bonds, Interest	95,000
Administrative Fee	<u>2,000</u>
	\$ 222,000

g. Contingent & Miscellaneous Expenses

(Not otherwise appropriated)	<u>\$ 3,000</u>
	\$ 3,000

TOTAL OPERATION AND MAINTENANCE FUND **\$5,612,000**

SUMMARY:

General Fund	\$ 418,000
Chlorination Fund	50,000
Audit Fund	15,000
Public Liability Insurance Fund	160,000
Social Security Fund	75,000
IMRF Fund	155,000
Operation and Maintenance Fund:	<u>5,612,000</u>
Summary Total:	<u>\$6,485,000</u>

SECTION 2: As part of the Annual Budget, it is stated:

1. That the cash on hand at the beginning of the fiscal year is a \$9,202,068.
2. That the estimated cash expected to be received during the fiscal year from all sources is \$4,880,500.
3. That the estimated expenditures contemplated for the fiscal year are \$6,485,000.
4. That the estimated cash expected to be on hand at the end of the fiscal year is \$7,597,568.

SECTION 3: All unexpended balances of any item or items of any general appropriation made by this Ordinance may be expended in making up any insufficiency in any item or items in the same general appropriation and for the same purposes or in a like appropriation made by this ordinance.

SECTION 4: If any section, paragraph, subdivision, clause, sentence or provision of this Ordinance shall be adjudged by any Court of competent jurisdiction to be invalid, such judgment shall not affect, impair, invalidate or nullify the remainder thereof, which remainder shall remain and continue in full force and effect.

SECTION 5: All ordinances or parts of ordinances in conflict herewith are hereby repealed to the extent of such conflict.

SECTION 6: This Ordinance shall be in full force and effect upon its passage, approval and publication in pamphlet form (which publication is hereby authorized) as provided by law.

Ayes:
Nays:
Absent:
Abstain:

APPROVED:

President Jessica Reed

[SEAL]

ATTEST: _____
District Clerk, Karen Thompson

Passed: _____
Approved: _____
Published: _____

CERTIFICATION

I, Karen Thompson, do hereby certify that I am the duly appointed and qualified District Clerk of the Lake in the Hills Sanitary District, McHenry County, Illinois, and that as such District Clerk, I am the keeper of the ordinances, records, corporate seal and proceedings of the President and Board of Trustees of said Lake in the Hills Sanitary District.

I do hereby further certify that at a regular meeting of the President and Board of Trustees of the Lake in the Hills Sanitary District, held on the 18th day of May, 2023, the foregoing Ordinance entitled *An Ordinance for the Combined Budget and Appropriations for Fiscal Year May 1, 2023, through April 30, 2024, of the Lake in the Hills Sanitary District*, was duly passed and approved by the President and Board of Trustees of the Lake in the Hills Sanitary District.

I do further certify that the original, of which the attached is a true and correct copy, is entrusted to me as the District Clerk of said District for safekeeping, and that I am the lawful custodian and keeper of the same.

In witness whereof, I have affixed my name as District Clerk and caused the seal of said District to be affixed hereto this 18th day of May, 2023.

Karen Thompson, District Clerk
Lake in the Hills Sanitary District
McHenry County, Illinois

[SEAL]

CERTIFICATE OF ESTIMATED REVENUES
LAKE IN THE HILLS SANITARY DISTRICT
FISCAL YEAR BEGINNING MAY 1, 2023

FUND	SOURCE OF REVENUE	AMOUNT
General	Real Estate Taxes	\$370,000
	Interest	1,000
Audit	Real Estate Taxes	12,000
Chlorination	Real Estate Taxes	7,000
Liability Insurance	Real Estate Taxes	75,000
Social Security	Real Estate Taxes	65,000
Retirement	Real Estate Taxes	155,000
Sewerage	User Charges	3,600,000
	Septage Income	350,000
	Wastewater Discharge Income	65,000
	Connection Fee	100,000
	Annexation Fees	5,000
	Downstream Charges	500
	Liftstation Recapture	-0-
	Interest	75,000
Total Estimated Revenues		\$4,880,500

CERTIFICATION

I, Karen Thompson, the District Clerk of the Lake in the Hills Sanitary District, do hereby certify that the above is a true estimate of the revenues anticipated to be received by this governmental unit in this fiscal year 2023-24 for the indicated funds.

Dated: _____, 2023

Karen Thompson
District Clerk

[SEAL]

CHANGE ORDER NO.: 1

Owner: Lake in the Hills Sanitary District
 Engineer: Applied Technologies, Inc.
 Contractor: Martam Construction Inc.
 Project: Sludge Storage Building Modifications
 Contract Name: Sludge Storage Building Modifications

Owner's Project No.:
 Engineer's Project No.: 6534
 Contractor's Project No.:

Date Issued: May 18, 2023

Effective Date of
 Change Order: May 18, 2023

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

Description:

Removal of Allowances. Addition of Building Gutters and 6" SCH40 Piping Re-route

Attachments:

- Martam Construction, Inc. Building Gutter System Proposal, 2/7/2023
- Martam Gutter Detail Sketch, 2/7/2023
- Martam Construction, Inc. Trench Drain Pipe Re-Routing Proposal, with route photo, 2/7/2023

Change in Contract Price	Change in Contract Times
Original Contract Price: \$ <u>992,970.00</u>	Original Contract Times: Substantial Completion: <u>June 9th, 2023</u> Ready for final payment: <u>July 13th, 2023</u>
[Increase] [Decrease] from previously approved Change Orders No. 0 to No. 0 \$ <u>-0.00-</u>	[Increase] [Decrease] from previously approved Change Orders No.0 to No.: Substantial Completion: <u>None</u> Ready for final payment: <u>None</u>
Contract Price prior to this Change Order: \$ <u>992,970.00</u>	Contract Times prior to this Change Order: Substantial Completion: <u>June 9th, 2023</u> Ready for final payment: <u>July 13th, 2023</u>
[Increase] [Decrease] this Change Order: \$ <u>1,923.00</u>	[Increase] [Decrease] this Change Order: Substantial Completion: <u>None</u> Ready for final payment: <u>None</u>
Contract Price incorporating this Change Order: \$ <u>994,893.00</u>	Contract Times with all approved Change Orders: Substantial Completion: <u>June 9th, 2023</u> Ready for final payment: <u>July 13th, 2023</u>

Recommended by Engineer (if required)

Accepted by Contractor

By: _____
 Title: _____
 Date: _____

Authorized by Owner

Approved by Funding Agency (if applicable)

By: _____
 Title: _____
 Date: _____

CHANGE ORDER NO. 1 SUMMARY
LAKE IN THE HILLS SANITARY DISTRICT
SLUDGE STORAGE BUILDING MODIFICATIONS
Net cost of items 1 to 3 below = \$1,923.00

Item 1.

- a. Description: Removal of Contract Allowances
- Credit of \$50,000
 - Time extension – 0 days
- b. Reason for Change:
The District has determined to use the allowances for the installation of Gutters and downspouts
- c. Supporting Documents:
None

Item 2.

- a. Description: Installation of new gutter system on the west and east side of the Sludge Storage Building
- Cost of \$48,750.00
 - Time extension – 0 days
- b. Reason for Change:
To improve the drainage system of the Sludge Storage Building
- c. Supporting Documents:
Martam Construction, Inc. Building Gutter System Proposal, Dated 2/7/2023.
Martam Gutter Detail Sketch, Dated 2/7/2023

Item 3.

- a. Description: Trench Drain pipe Re-Routing
- Cost of \$3,1730.00
 - Time extension – 0 days
- b. Reason for Change:
To connect the proposed trench drain a lower elevation connection point was required. The reroute of the pipe included 40 additional feet of pipe and 24 square yards of additional pavement restoration.
- c. Supporting Documents:
Martam Construction, Inc. Trench Drain Pipe Re-Routing Proposal, with route photo, 2/7/2023.



**LITH SANITARY DISTRICT
Sludge Storage Building Modifications:
Building Gutter System**

2/7/2023

Mr. Bob Doeringsfeld:

Martam Construction, Inc. proposes to furnish the necessary labor, equipment, and materials to install a new Gutter System for the Sludge Storage Building for a **LUMP SUM** price of **\$48,750.00**

INCLUSIONS:

- 6” gutter with aluminum flashing fastened to 2”x4” treated lumber running the FULL LENGTH of the Sludge Storage Building, both East and West sides
- Seven (7) new 4” downspouts to be installed on the West side
- Ten (10) new 4” downspouts to be installed on the East side
- All new downspouts to be tied into above ground 6” PVC and into the new Storm Sewer System

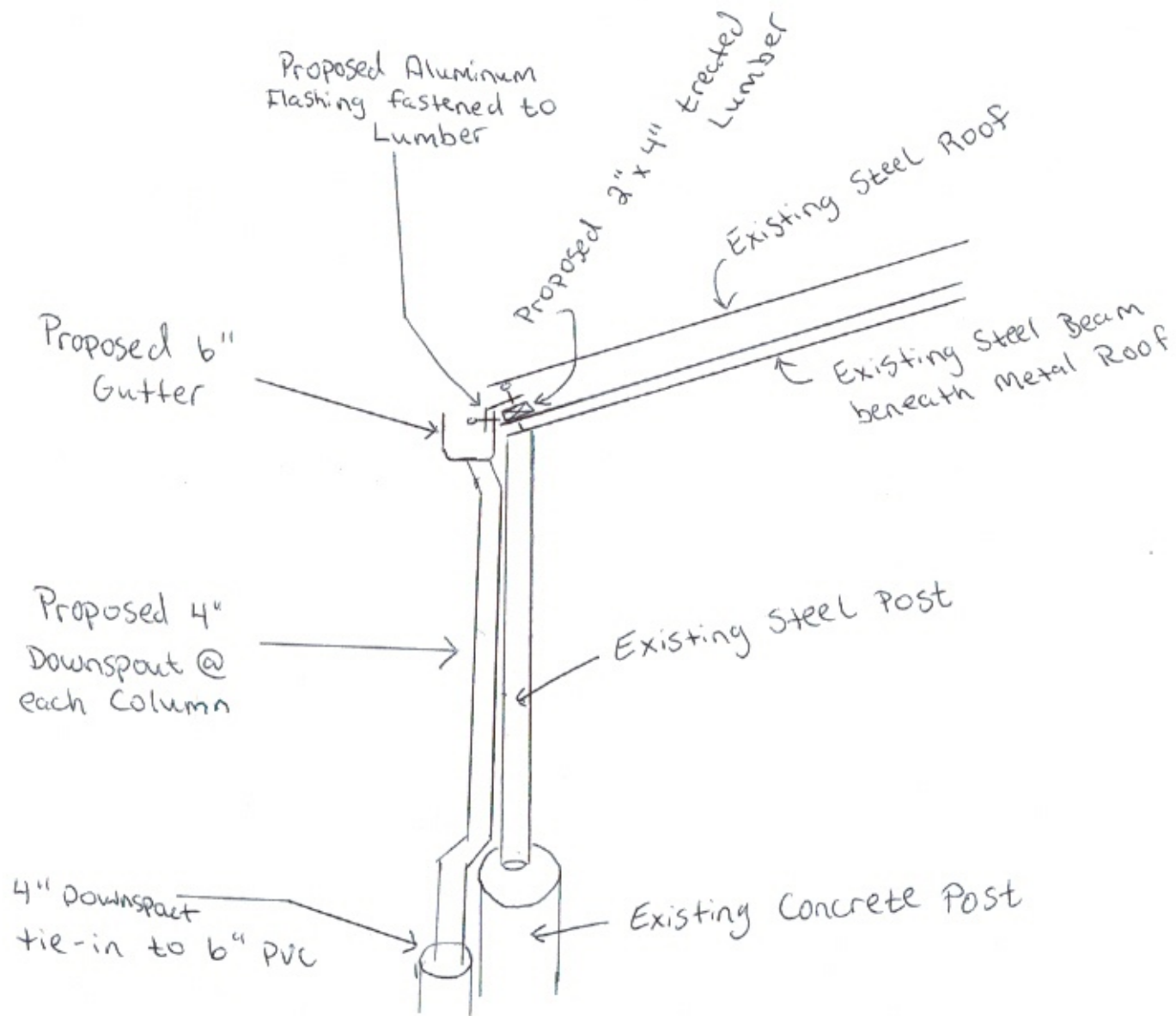
If you have any questions or comments, please feel free to contact me at any time.

Respectfully,

Jack Ismail, PE, MBA
Project Manager
Martam Construction, Inc.
C: (630) 306-6441

Signed _____
Date Accepted _____

LITH Sanitary District
Sludge Storage Pond
Gutter Detail



Martam Construction, Inc.
Gutter Material Detail Sketch
2/7/2023



**LITH SANITARY DISTRICT
Sludge Storage Building Modifications:
Trench Drain Pipe Re-Routing**

5/8/2023

Mr. Bob Doeringsfeld:

Martam Construction, Inc. proposes to furnish the necessary labor, equipment, and materials to re-route the 6" SCH40 piping for the trench drain for a **LUMP SUM** price of \$~~3,173.00~~ **\$3,173.00**

INCLUSIONS:

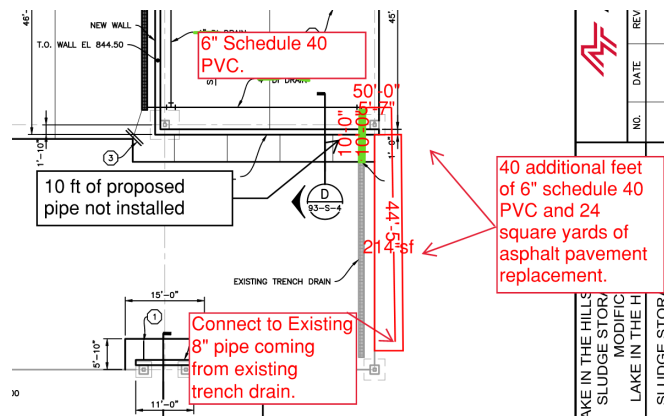
- 6" SCH40 piping ----- **40 LF** @ \$35.00/LF ----- **\$1,400**
- Connect to existing sewer pipe ----- \$ 573.00
- Trench asphalt pavement replacement ----- 24 SY @ \$50.00/SY ----- \$1,200.00

**TOTAL = \$~~3,173.00~~
\$3,173.00**

If you have any questions or comments, please feel free to contact me at any time.

Respectfully,

Jack Ismail, PE, MBA
Project Manager
Martam Construction, Inc.
C: (630) 306-6441



Signed _____
Date Accepted _____

May 16, 2023

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



Re: Sludge Storage Building Modifications
Martam Construction Inc. Pay Application No. 4

Dear Lake in the Hills Sanitary District Board of Trustees:

Martam Construction Inc. has submitted the attached invoice for Pay Request #4, for the Lake in the Hills Sanitary District Sludge Storage Building Modification project. We have reviewed the work and invoice and recommend approval of the payment in the amount of **\$142,089.30**. We have received the lien waiver and certified payroll for Pay Application No. 4, and they are attached.

The recommended approved payment includes holding a total project retainage of \$78,323.20 (10%). The total completed work to date is \$783,232.00 and includes the following work items: Mobilization (100%), Demolition (100%), and Storm Sewer (90%), Excavation for footing foundation walls and backfill (100%), Concrete Foundation Walls (100%), Trench Drain (100%), and 8" Concrete Slab (30%).

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

PARTIAL WAIVER OF LIEN

Martam Job #: 1446 Pay Estimate #: 04

STATE OF ILLINOIS }
COUNTY OF COOK

Gty # _____
Escrow # _____

TO WHOM IT MAY CONCERN:

WHEREAS the undersigned has been employed by Lake in th Hills Sanitary Dist to furnish Labor, Equipment & Material for Site Work for the premises known as Lake in th Hills Sanitary Dist of which Lake in th Hills Sanitary Dist is the owner.

The undersigned, for and in consideration of One Hundred Forty Two Thousand Eighty Nine Dollars and Thirty Cents **\$142,089.30**

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 monies, funds or other considerations due or to become due from the owner, on account of all labor, services, material, fixtures, apparatus or machinery, furnished by the undersigned for the above-described premises, but only to the extent of payment aforementioned.

DATE: 05/15/23

COMPANY NAME: Martam Construction, Inc.
ADDRESS: 1200 Gasket Drive - Elgin, IL 60120

SIGNATURE and TITLE: [Signature]
Anthony D. Geschke, CFO



CONTRACTOR'S AFFIDAVIT

STATE OF ILLINOIS }
COUNTY OF COOK

TO WHOM IT MAY CONCERN:

The undersigned, (Name) Anthony D. Geschke being duly sworn, deposes and says that he or she is the Chief Financial Officer of (Company Name) Martam Construction, Inc. who is the contractor furnishing the Labor, Equipment & Material for Site Work work on the premises located at Sludge Storage Bldg owned by Lake in th Hills Sanitary Dist

The total amount of the approved contract is \$992,970.00 on which he/she has received payment of \$562,819.50

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 amounts due or to become due to each, and that the items mentioned include all approved labor and material required to complete said work according to the plans and specifications:

Names and Address	What For	Contract Price	Amount Paid	This Payment	Balance Due
Martam Construction, Inc.	Labor, Equipment & Material	\$992,970.00	\$562,819.50	\$142,089.30	\$288,061.20
ALL OTHER MATERIALS FROM FULLY PAID STOCK, DELIVERED IN OUR TRUCKS AND LABOR PAID IN FULL					
Total Labor and Materials to Complete		\$992,970.00	\$562,819.50	\$142,089.30	\$288,061.20

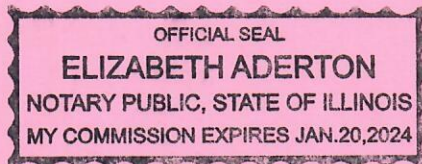
That there are no other contracts for said work outstanding, and that there is nothing due to any person for approved material, labor or other work of any kind done or to be done upon or in connection with said work other than above stated.

DATE: 05/15/23

Signature: [Signature]
Anthony D. Geschke, CFO

Subscribed and sworn to before me this 15 day of May 2023

[Signature]
Notary Public



LAKE IN THE HILLS SANITARY DISTRICT
MONTHLY TREASURER REPORT - O&M/SEWERAGE FUNDS
 Month of April, 2023

		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	675,839.24	572,134.47	1,083,680.95	
First National Bank - Certificate Fund	Bond & Int	CLOSED	CLOSED	37,516.54	
First National Bank - Depreciation Account	Construction	2,865,385.33	2,872,007.05	2,740,847.71	
First National Bank - Surplus Funds	Construction	40,429.94	36,715.97	23,994.73	
First National Bank - Bond & Interest Fund	Bond & Int	1,078,452.52	1,087,573.49	836,953.89	
First National Bank - Sinking Funds	Bond & Int	1,403,796.57	1,421,245.80	1,244,940.58	
Algonquin Bank & Trust - Cash Mgr	O&M	1,847,946.88	1,713,472.99	1,873,882.90	
Algonquin Bank & Trust - Operating	O&M	317.00	0.00	1,468.00	
Credit Cards		(2,368.41)	(8,005.64)	(875.73)	
TOTAL BEGINNING CASH AND INVESTMENTS		7,909,799.07	7,695,144.13	7,842,409.57	
SEWERAGE FUNDS					
		PRIOR MONTH	CURRENT MONTH	YTD	BUDGET
Revenues and Receipts					
Sewer Bill Income/User Charges		45,540.48	773,914.02	3,581,442.41	3,600,000.00
Septage Income		27,161.10	39,501.86	392,437.58	350,000.00
Wastewater Discharge Income		9,028.06	-	59,514.79	65,000.00
Customer Refunds		(360.62)	(100.00)	(11,539.89)	-
Connection/Tap-On Fees		-	-	62,400.00	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		-	-	37,398.56	-
Interest Income		18,619.78	18,281.84	123,749.31	5,000.00
TOTAL REVENUES AND RECEIPTS		99,988.80	831,597.72	4,245,402.76	4,125,500.00
Expenditures					
PERSONNEL SERVICES					
District Personnel Salaries		50,168.93	48,271.89	631,478.90	700,000.00
ADMINISTRATIVE EXPENSES					
Telephone		216.57	216.58	2,495.97	3,000.00
Postage		5,032.99	-	22,370.58	25,000.00
Printing and Publications		-	-	-	2,000.00
Office Supplies		-	330.09	5,481.65	7,500.00
Billing and Collection Expenses		1,080.70	4,287.73	46,731.63	75,000.00
Professional Services		203.35	208.51	2,880.68	5,000.00
Training, Travel and Education		45.00	286.00	1,429.78	2,000.00
Computer Hardware, Software, and Support		829.51	892.73	17,608.66	25,000.00
Community Affairs		-	-	60.47	2,000.00
Medical and Life Insurance		21,493.95	21,493.95	253,866.82	275,000.00
		28,902.07	27,715.59	352,926.24	421,500.00
OPERATIONS AND MAINTENANCE					
Operating Supplies		2,601.14	1,617.73	37,409.37	60,000.00
Maintenance and Repair (Plant)		9,709.09	5,220.33	80,376.46	115,000.00
Maintenance and Repair (Collection Systems)		1,599.71	5,075.58	82,929.90	300,000.00
Utilities and Energy		18,126.63	27,049.10	219,151.15	400,000.00
Grounds Upkeep		-	-	14,445.92	30,000.00

	PRIOR MONTH	CURRENT MONTH	YTD	BUDGET
Gasoline/Oil	570.65	2,310.03	14,986.00	20,000.00
Computer and Support Services	-	-	-	2,000.00
Emergency Communications	899.62	899.62	11,291.19	40,000.00
Sludge Management	25,385.10	8,400.00	250,497.57	255,000.00
Professional Services	1,399.40	3,570.20	38,386.30	40,000.00
Residential Reimbursement	-	-	3,549.45	10,000.00
Compliance Requirements/Permits	8,000.00	-	28,000.00	30,000.00
GIS	-	-	-	10,000.00
	<u>68,291.34</u>	<u>54,142.59</u>	<u>781,023.31</u>	<u>1,312,000.00</u>
CAPITAL IMPROVEMENTS				
New Construction	155,072.30	221,234.40	824,982.47	1,500,000.00
Plant Equipment	-	-	246,138.19	500,000.00
Collection System	-	-	99,586.00	500,000.00
Vehicles	-	-	152,659.24	175,000.00
Legal Expense	-	-	-	5,000.00
Engineering Expense	10,246.00	25,768.00	109,775.00	200,000.00
Bond, Finance Consulting Expense	-	-	-	1,000.00
	<u>165,318.30</u>	<u>247,002.40</u>	<u>1,433,140.90</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	120,000.00	120,000.00
Series 2014 Bond, Interest	-	49,893.75	99,787.50	100,000.00
Administration Fees - 2014 Series Bond	-	400.00	1,250.00	2,000.00
	<u>-</u>	<u>170,293.75</u>	<u>221,037.50</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	<u>312,680.64</u>	<u>547,426.22</u>	<u>4,114,662.32</u>	<u>6,236,500.00</u>
EXCESS OF REVENUES OVER (UNDER) EXPENDITURES	<u>(212,691.84)</u>	<u>284,171.50</u>	<u>130,740.44</u>	<u>(2,111,000.00)</u>
	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	572,134.47	998,491.34	697,702.92
First National Bank - Certificate Fund	Bond & Int	CLOSED	CLOSED	708,083.29
First National Bank - Depreciation Account	Construction	2,872,007.05	2,878,369.45	2,749,254.33
First National Bank - Surplus Funds	Construction	36,715.97	15,634.43	5,175.26
First National Bank - Bond & Interest Fund	Bond & Int	1,087,573.49	1,042,580.25	902,982.83
First National Bank - Sinking Fund	Bond & Int	1,421,245.80	1,318,650.46	1,259,762.88
Algonquin Bank & Trust - Cash Mgr.	O&M	1,713,472.99	1,722,498.80	1,230,076.74
Algonquin Bank & Trust - Operating	O&M	0.00	603.00	397.00
Credit Cards	O&M	(8,005.64)	(1,278.68)	(2,222.08)
TOTAL ENDING CASH AND INVESTMENTS		<u>7,695,144.13</u>	<u>7,975,549.05</u>	<u>7,551,213.17</u>
SEWERAGE FUNDS				

LAKE IN THE HILLS SANITARY DISTRICT
MONTHLY TREASURER REPORT - GOVERNMENTAL FUNDS
 Month of April, 2023

	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	\$ 1,343,501.09	\$ 1,295,040.39	\$ 1,217,089.48
Credit Cards	-	-	-
TOTAL BEGINNING CASH AND INVESTMENTS	<u>1,343,501.09</u>	<u>1,295,040.39</u>	<u>1,217,089.48</u>

	PRIOR MONTH	CURRENT MONTH	YTD	BUDGET
Revenues and Receipts				
Real Estate Taxes				
General Fund	-	-	354,543.59	355,000.00
Audit Fund	-	-	11,988.10	12,000.00
Chlorination Fund	-	-	17.20	10.00
Liability Insurance Fund	-	-	74,904.75	75,000.00
Social Security Fund	-	-	64,923.27	65,000.00
Revenue Recapture Fund	-	-	636.66	-
Retirement Fund	-	-	154,800.24	155,000.00
Replacement Taxes	450.95	716.43	6,092.50	-
Rebates, Refunds or Grants Received	-	-	2,413.00	
Interest Income	2,540.67	2,479.83	17,578.77	1,000.00
TOTAL REVENUES AND RECEIPTS	<u>2,991.62</u>	<u>3,196.26</u>	<u>687,898.08</u>	<u>663,010.00</u>

Expenditures

GENERAL FUND

PERSONNEL SERVICES

Salaries of Trustees, Manager, Treasurer & Clerk	15,889.10	15,400.45	194,278.29	210,000.00
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CONTRACTUAL SERVICES

Professional Engineering	3,754.00	2,352.00	33,380.00	65,000.00
Legal Services	1,094.96	131.25	6,227.76	10,000.00
Other Professional Services	-	-	580.00	5,000.00
	<u>4,848.96</u>	<u>2,483.25</u>	<u>40,187.76</u>	<u>80,000.00</u>

ADMINISTRATIVE EXPENSES

Printing, Publications	-	-	2,453.84	4,500.00
Office Supplies, Equipment	-	-	45.00	2,500.00
Postage	-	-	-	1,000.00
Treasurer's Bond	-	-	3,000.00	4,000.00
Community Affairs	-	-	292.50	1,000.00
Memberships and Dues	-	229.00	765.95	4,000.00
	-	<u>229.00</u>	<u>6,557.29</u>	<u>17,000.00</u>

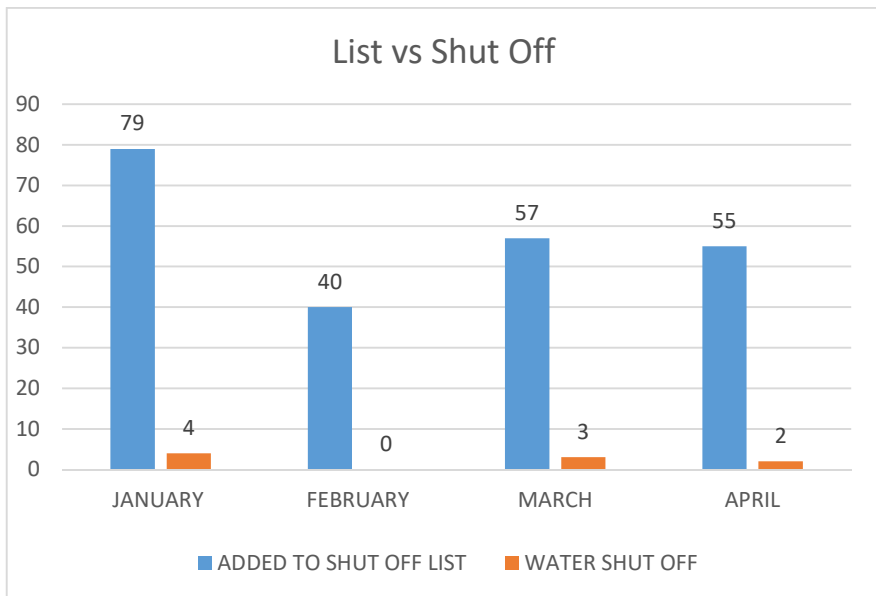
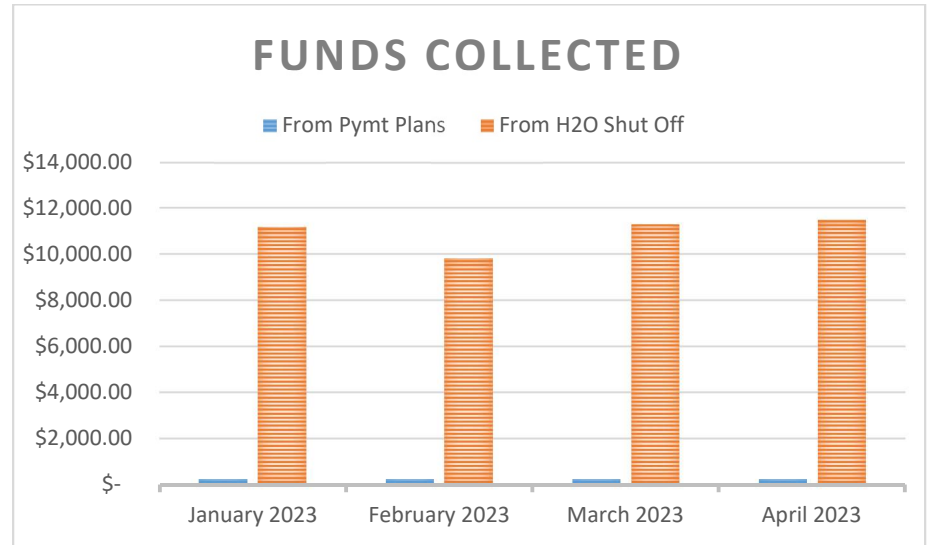
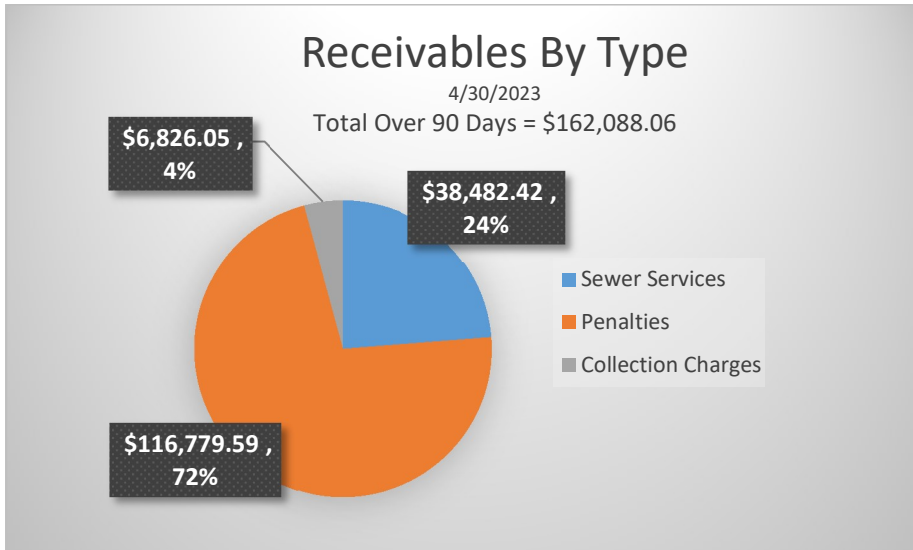
OPERATING EXPENSES

Building and Grounds Upkeep	-	976.00	5,329.99	15,000.00
Utilities	5,492.21	-	37,167.54	40,000.00
J.U.L.I.E.	-	1,933.06	1,933.06	3,000.00
Training and Education	-	-	200.00	3,000.00
Travel Expenses	-	-	-	2,000.00
Computer Hardware, Software & Support	-	676.43	2,513.97	7,000.00
	<u>5,492.21</u>	<u>3,585.49</u>	<u>47,144.56</u>	<u>70,000.00</u>

	PRIOR MONTH	CURRENT MONTH	YTD	BUDGET
CONTINGENT AND MISCELLANEOUS EXPENSES				
Not Otherwise Appropriated	-	-	243.00	1,000.00
	-	-	243.00	1,000.00
TOTAL GENERAL FUND	26,230.27	21,698.19	288,410.90	378,000.00
CHLORINATION FUND	5,880.90	3,489.70	48,500.18	50,000.00
	5,880.90	3,489.70	48,500.18	50,000.00
AUDIT FUND	-	-	12,750.00	15,000.00
	-	-	12,750.00	15,000.00
PUBLIC LIABILITY INSURANCE FUND				
Workers' Compensation	4,470.00	773.00	18,164.00	30,000.00
Administrative Fee	134.00	23.00	545.00	1,000.00
Property	-	-	34,794.00	45,000.00
Vehicles	-	-	9,321.00	15,000.00
General Liability	-	-	50,168.00	74,000.00
	4,604.00	796.00	112,992.00	165,000.00
SOCIAL SECURITY FUND	5,053.44	4,870.92	63,170.39	70,000.00
IMRF FUND	9,683.71	43,217.75	155,000.00	155,000.00
OTHER EXPENDITURES (RECEIPTS)	-	-	-	-
TOTAL EXPENDITURES	51,452.32	74,072.56	680,823.47	833,000.00
EXCESS OF REVENUES OVER (UNDER) EXPENDITURES	(48,460.70)	(70,876.30)	7,074.61	(169,990.00)
Ending Cash and Investments				
First National Bank	\$ 1,295,040.39	\$ 1,224,840.52	\$ 1,232,842.78	
Credit Cards	-	(676.43)	-	
TOTAL ENDING CASH AND INVESTMENTS	1,295,040.39	1,224,164.09	1,232,842.78	

Accounts Receivable Analysis

April 2023



Monthly Shut Off Summary

Lake in the Hills

- 2 were shut off - both pd in full post shut off.

Huntley

- None.

Crystal Lake

- None.

**LITH SANITARY DISTRICT
Bills Paid Prior To Meeting
May 18, 2023 Meeting Date**

Name	Memo	Amount
Governmental Funds		
NONE		
TOTAL GOVERNMENTAL BILLS PAID PRIOR TO MEETING		\$ -
O & M Funds		
Teklab Inc	Pro Svs - Lab	\$ 148.00
United States Postal Service	Postage - Regular & Postcard Stamps	\$ 111.00
Verizon Wireless	Emergency Communications	\$ 344.47
TOTAL O & M BILLS PAID PRIOR TO MEETING		\$ 603.47

**LITH SANITARY DISTRICT
Recurring Bills
May 18, 2023 Meeting Date**

Name	Memo	Amount
Governmental Funds		
United States Treasury	District Pd Payroll Taxes (SS & Med)	\$ 4,870.92
Illinois Municipal Retirement Fund	Employer Portion of IMRF-April 2023	\$ 9,325.79
Illinois Municipal Retirement Fund	Remain Bal in Budget Towards Underfunded Pension Liability	\$ 33,891.96
TOTAL GOVERNMENTAL RECURRING BILLS		\$ 48,088.67
O & M Funds		
Blue Cross Blue Shield	Medical Insurance Premiums (for April 2023)	\$ 20,097.08
First National Bank PayMaker/Bill.com	Pro Svs - PayMaker/ Bill.com (for March 2023 payments)	\$ 67.67
Humana	Specialty Insurance Premiums (for April 2023)	\$ 1,396.87
TOTAL O & M RECURRING BILLS		\$ 21,561.62

Approved _____

President Reed

**LITH SANITARY DISTRICT - Governmental Fund
Bills Presented to Board for Approval
May 18, 2023 Meeting**

Name	Memo		
GOVERNMENTAL FUND BILLS			
Applied Technologies	Contractual Svs - Engineering	\$	4,008.00
Fast Signs	Printing & Publications - Fence Signs & Drop Box Lettering	\$	234.18
First National Bank of Omaha - Visa	Computer Exp (Ibackup & Virtual Graffiti)	\$	676.43
Hawkins Inc	Chlorination - Alum Sulfate	\$	1,719.10
Illinois Public Risk Fund	Liab Ins - Workers Compensation Insurance	\$	4,604.00
Shaw Suburban Media Group	Printing & Publications - Annual Budget Hearing	\$	51.68
Storino Ramello & Durkin	Contractual Svs - Legal, April 2023	\$	817.16
			12,110.55
TOTAL GOVERNMENTAL FUND BILLS		\$	12,110.55

**LITH SANITARY DISTRICT - O&M/Sewerage Fund
Bills Presented to Board for Approval
May 18, 2023 Meeting**

Name	Memo		Amount
O & M BILLS			
Alarm Detection Systems Inc	Emergency Communications - June through August 2023	\$	93.96
Applied Technologies	Engineering - MCDOT Randall Rd Project	\$	2,598.00
Applied Technologies	Engineering - Sludge Storage Bldg Modification	\$	11,936.00
Applied Technologies	Engineering - Sewer Lining Project	\$	3,528.00
BDP Industries	Sludge Management - Clipper Closures	\$	3,523.17
Botts Welding	Maint/Repair - Plant	\$	194.25
Calco, Ltd. Inc.	Operating Supplies - Lab	\$	136.00
Cintas Corporation #355	Operating Supplies - Personnel, April 2023	\$	640.86
Consolidated Electrical Distributors, Inc	Maint/Repair - Plant, Lab Bldg Control Room	\$	210.20
Constellation New Energy Inc	Utilities - Concord	\$	1,230.77
Constellation New Energy Inc	Utilities - Meadowbrook	\$	291.42
Constellation New Energy Inc	Utilities - Dam	\$	730.55
Constellation New Energy Inc	Utilities - Beach	\$	108.94
Constellation New Energy Inc	Utilities - Pyott	\$	701.62
Constellation New Energy Inc	Utilities - Decatur	\$	2,869.74
Constellation New Energy Inc	Utilities - Plant	\$	22,031.89
Dreisilker Electric Motors	Maint/Repair - Plant	\$	950.00
EleMech	Plant Equipment - 15% of Total for Septic Receiving Station Controls	\$	3,147.00
Element Materials Tech	Pro Svs - Lab	\$	889.91
First Mobile Trust LLC (aka First Billing)	Collection Exp - July 2022 through March 2023	\$	19,360.59
First National Bank of Omaha - Visa	Pro Svs Intuit Fees, Op Supplies, Computer Exp, Telephone, M/R Vehicles, Training/Travel/Ed	\$	1,388.65
Flood Brothers Disposal & Recycling Svs	Bldgs & Grounds - May 2023 Trash & Recycling	\$	361.92
Harrell & Son's Lawn Maintenance	Grounds Upkeep - April 2023 Mowing	\$	1,400.00
Hawkins, Inc	Sludge Management - Aqua Hawk 808	\$	4,996.45
IDEXX Distribution Inc	Operating Supplies - Lab	\$	328.60
Joseph D. Foreman & Company, Inc.	Maint/Repair - Plant, Clarifier Valve Stem Ext Kit	\$	91.00
Logsdon Office Supply	Office Supplies - Folders, Toner, Tape Dispenser	\$	122.63
McHenry County Recorder	Collection Exp - April 2023	\$	2.00
Menards	Maint/Repair - Coll Sys, Float Switch, Miller #1	\$	24.98

Menards	Maint/Repair - Coll Sys, Float Switch, Beach LS	\$	24.98
Metropolitan Industries, Inc.	Emergency Communications - Metro Cloud	\$	445.00
Mid-South Imaging LLC	Collection Exp	\$	360.65
NAPA Auto Parts	Maint/Repair - Vehicles, Vactor	\$	56.07
PetroChoice LLC	Gas/Fuel	\$	837.18
Phenova Inc	Operating Supplies - Lab	\$	344.20
Screenco Systems LLC	Plant Equipment - 50% Deposit Septic Receiving Station	\$	22,980.00
Standard Equipment Company	Maint/Repair - Coll Sys, Hose, Mender & Hose-Reel Plast	\$	2,248.89
Synagro-WWT, Inc.	Sludge Management - April 2023	\$	11,400.00
TAS United	Emergency Communications	\$	110.00
Technology Masters	Computer Exp - 4/27/23 Maint	\$	497.25
TEKLAB, INC	Pro Svs - Lab	\$	295.20
TEKLAB, INC	Pro Svs - Lab	\$	148.00
TEKLAB, INC	Pro Svs - Lab	\$	148.00
TEKLAB, INC	Pro Svs - Lab	\$	148.00
Third Millennium	Collection Exp - Rendering of Past Due Notices	\$	732.69
USA BlueBook	Operating Supplies - Lab, Probe	\$	928.68
Village of Lake In The Hills	Collection Exp - Water Shut Offs 4/23/23	\$	105.00
Warehouse Direct	Pro Svs - Copies	\$	34.15
Water One, Inc.	Operating Supplies - Personnel, Drinking Water	\$	72.75
Ziegler's Ace Hardware	Operating Supplies - April 2023	\$	120.41

TOTAL O&M FUND BILLS

\$ 125,926.20

GRAND TOTAL OF ALL BILLS PRESENTED FOR APPROVAL IS **\$208,290.51** OF WHICH **\$60,199.22** IS FROM THE GOVERNMENTAL FUNDS, **\$148,091.29** IS FROM THE OPERATIONS AND MAINTENANCE FUNDS, **\$0.00** IS FROM THE CONSTRUCTION FUNDS, AND **\$0.00** IS FROM THE BOND AND INTEREST FUNDS.

Approved _____

President Reed

MANAGER'S REPORT

Month of April, 2023

Customers	CURRENT	12/MO TOTAL	Data for Apr 2022
	Total accounts:	11,761	
New Customers:	2	11	2
Connections:	0	12	3
Permits Issued:	0	10	1
Permits Issued Past 13 Months:	11		
Total Permits Issued to Date:			
<i>Residential:</i>	10,120		
<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
4/4/2023	311 Plum Street	storm sewer issue	no
4/4/2023	404 Harvest Gate	storm sewer issue	no
4/6/2023	83 Hilltop	basement back up	no
4/6/2023	23 Echo Hill	basement back up	yes
4/17/2023	257 Indian Trail	basement back up	no
4/18/2023	312 Pocohontas Trail	basement back up	no

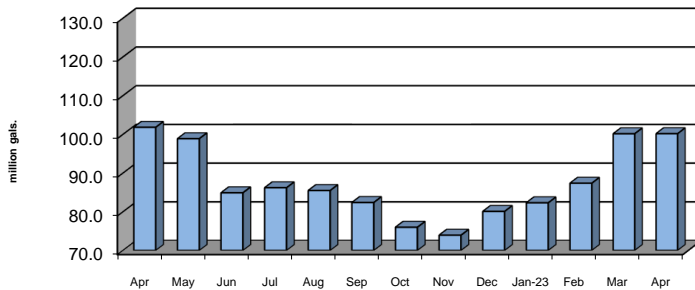
COLLECTION SYSTEM ACTIVITIES

James televised 4,802' of line in the Dam Lift Station basin.
John and Rene cleaned/root cut 2,414'.

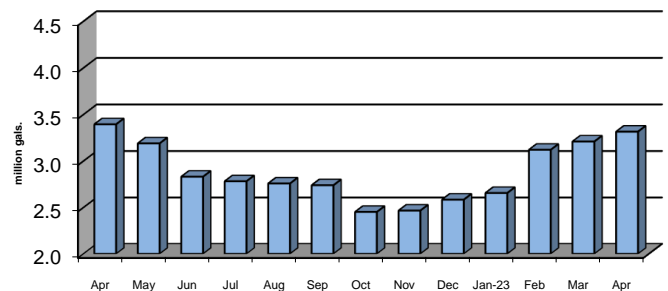
FLOWS

Total Effluent Flow for Month: 100.164 million gallons
Average Daily Flow: 3.315 mgd
Maximum Daily Flow: 5.181 mgd
Precipitation Total: 3.49 inches
Precipitation This Month Last Year: 8.81 inches
Septage Accepted: 672,003 gallons

Total Monthly Flows



Monthly Average Daily Flows



MANAGER'S MONTHLY REPORT

April 2023

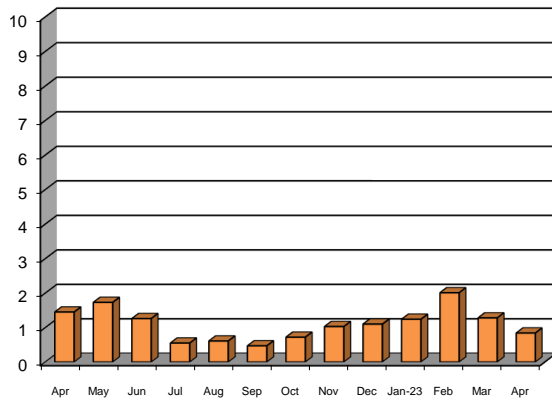
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TREATMENT PLANT OPERATIONS

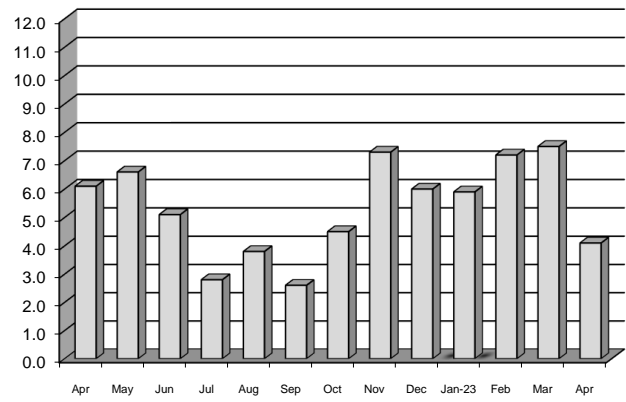
	<u>Average in</u>	<u>Average out</u>	<u>Average % reduction</u>
BOD/CBOD	160 mg/L	0.8 mg/L	99.5%
Total Suspended Solids:	285 mg/L	4.1 mg/L	98.6%
Ammonia Nitrogen:	17.4 mg/L	0.03 mg/L	99.8%
Phosphorus:		0.14 mg/L	
Fecal Coliform:		75 MPN	

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:	1.777 million gallons
Decanted:	0.048 million gallons
Thickened:	1.589 million gallons
To Digester:	0.823 million gallons
Pressed:	0.859 million gallons

PERSONNEL ACTIVITIES

Tamara, James, and Bob attended a virtual Randall Road Project meeting on 4/11/23.

Respectfully submitted,

Tamara C. Mueller
District Manager



Date: May 16, 2023 **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: May 2023 District Engineer's Report

Cc: Karen Thompson – District Clerk/Treasurer

1. Task Order No. 23-01 – Sludge Storage Building Modifications – Construction Related Services

- a. The Contractor has completed the new wall and trench drain. The north half of the slab is scheduled for a concrete pour this week. The District will be able to use the additional storage area in the north half of the new slab next week. Construction completion is scheduled for early June 2023.
- b. Pay Application No. 4 was submitted for District Approval at this Board Meeting, \$142,089.30
- c. Change Order No. 1 was submitted to the Board. It includes the proposed gutters and a change in the trench drain piping. Total Contract increase of \$1,923.00.

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

- a. The District is working with MCDOT regarding the Miller Road/Randall Road Intersection which requires relocation of sanitary sewers.
- b. A Public Information meeting was held last week in Crystal Lake. The District attended the meeting.
- c. MCDOT has stated that District items located in the easement north of Miller Road would be paid for by MCDOT, and items not in the easement would be the responsibility of the District.

3. Public Act 102-1088 – Committee Membership Review

- a. The Committee was appointed at this month's Board meeting.

4. District Sanitary Sewer Lining Program

- a. Project is being advertised this week, and next week. Project will be bid on June 6th, 2023.

5. Septic Receiving Station

- a. District purchased the screening equipment and the controls equipment.
- b. The controls equipment has been submitted for review.