



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 November 21, 2024 7:00 p.m.

REGULAR MEETING OF THE BOARD OF TRUSTEES

Roll Call

Pledge of Allegiance

Approval of Minutes

Public Comments

Consent Agenda

- A. Approval of Contractor's Application for Payment No. 3 to Visu-Sewer in the amount of \$34,849.80 for the Lake in the Hills Sanitary District 2024 Sanitary Sewer Lining.
- B. Approval of employee recognition per the District Manager's recommendation.

Specific Agenda

- A. Approval of pay increase to \$35.50 per hour for Chief Operator, Kyle Caccamo.

Treasurer's Report

Approval of Bills

Grand total of all bills presented for approval is \$334,607.05 of which \$99,363.86 is from the Governmental Funds, \$234,393.19 is from the Operations and Maintenance Funds, \$0.00 is from the Construction Funds, and \$850.00 is from the Bond and Interest Funds.

Manager's Report

No Uncollectible Write-offs 05/01/24 to 10/31/24

Operations Update



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
November 21, 2024
7:00 p.m.
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Insurance Renewals

2025 Meeting Dates

Engineer's Report

Attorney's Report

Unfinished Business

New Business

Adjournment

**Lake in the Hills Sanitary District
Board of Trustees Regular Meeting Minutes
October 17, 2024**

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 Matt Irsay and Trustee Robert Reining. Also in attendance at the Sanitary District offices were District Manager Tamara Mueller, Assistant District Manager Mike Nelson and District Treasurer/Clerk Karen Thompson. District Attorney Ann Williams of Storino, Ramello & Durkin attended via telephone. District Engineer Bob Doeringsfeld of Applied Technologies was absent.

Pledge of Allegiance

Approval of Minutes:

Motion was made by Trustee Irsay, seconded by Trustee Reining, to approve the minutes of the Rescheduled Regular Board Meeting of September 30, 2024 as presented. On a roll call vote, President Reed and Trustees Irsay and Reining voted aye.

Public Comments:

None.

Consent Agenda:

None.

Specific Agenda:

- A. Approval of pay increase of \$125 a month and promotion to Chief Operator of Kyle Caccamo.

Motion was made by Trustee Irsay, seconded by Trustee Reining to approve Specific Agenda Item A. On a roll call vote, President Reed and Trustees Irsay and Reining voted aye to approve Specific Agenda Item A and approve the pay increase and promotion for Kyle Caccamo.

- B. Approval to increase clothing allowance for Operations and Maintenance employees from \$200 to \$500.

Motion was made by Trustee Irsay and seconded by Trustee Reining to approve Specific Agenda Item B. On a roll call vote, President Reed and Trustees Irsay and Reining voted aye to approve Item B of the Specific Agenda and approve the increased clothing allowance for Operations and Maintenance employees.

Treasurer's Report:

District Treasurer presented final written copies of the September 2024 Treasurer's report and verbally provided additional detail.

She stated that postage expenses on the O&M report were higher than the prior month due to the mailing of our quarterly bills. Overall expenses were quite lean. This is due to the fact that many bills were not paid until October 1st due to the rescheduling of the September meeting.

Motion was made by Trustee Irsay and seconded by Trustee Reining to approve the September 2024 Treasurer's reports as presented. On a roll call vote, President Reed and Trustees Irsay and Reining voted aye.

**Lake in the Hills Sanitary District
Board of Trustees Regular Meeting Minutes
October 17, 2024**

Approval of Bills:

District Treasurer presented a list of bills for approval. She highlighted some of the bills that we see less frequently as well as those for higher dollar amounts.

Motion was made by Trustee Irsay and seconded by Trustee Reining to approve the List of Bills as presented. The total approved for payment is \$310,529.11 of which \$24,058.12 is from the Governmental Funds, \$241,477.24 is from the Operations and Maintenance Funds, \$0.00 is from the Construction Funds, and \$44,993.75 is from the Bond and Interest Funds.

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

Manager's Report:

District Manager presented a written copy of the September 2024 Manager's report and verbally provided some additional detail.

She highlighted the following items:

- There were no sewer calls in September.
- The seawall sewer repairs have been done. The landscaping stills needs to be restored and we are waiting until the dirt settles a bit.
- We are waiting for the contract for the IEPA grant. We received all of the deadlines. As soon as the contract is signed, the trees will be cut down. There will be 18 native trees replanted. We haven't heard back from the one resident who owns a couple of lots in the project area.

Motion was made by Trustee Reining, seconded by Trustee Irsay, to approve the September 2024 Manager's report as presented. On a roll call vote, President Reed and Trustees Irsay and Reining voted aye.

Engineer's Report:

District Engineer Bob Doeringsfeld was absent, but provided a written report. District Manager provided the verbal report and a status update on their projects.

These projects are as follows:

1. McHenry County Division of Transportation (MCDOT) Randall Road Project – MCDOT has not yet sent the information regarding the District's cost sharing portion of the project. A project kickoff meeting was held on the 3rd of October. A project schedule is not available yet.
2. District Sanitary Sewer Lining – Pay app #3 was submitted, but have not received the inspection reports or videos, therefore, the Pay Application was not presented to the Board this month. The project is completed.
3. District Seawall – The Record Drawings were submitted to the Village.
4. Village Projects – There have been no updates on the road project.

Attorney's Report:

None.

**Lake in the Hills Sanitary District
Board of Trustees Regular Meeting Minutes
October 17, 2024**

Unfinished Business:

Trustee Reining indicated that he is planning to run for a Trustee position at Algonquin Township and asked the District Attorney if that would be a conflict of interest. The Attorney said that she would look in to this and let him know.

New Business:

None.

Adjournment:

There being no further business to bring before the Board, Trustee Reining 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 7:37pm.

Respectfully submitted,

KT

Karen Thompson,
District Clerk

APPROVED this _____ day of _____, 2024.

President Reed

Contractor's Application for Payment No. 3

Application Period: September 2024		Application Date: 9/30/2024
To (Owner): Tamara Mueller	From (Contractor): Visu-Sewer of Illinois LLC	Via (Engineer): Applied Technologies, Inc.
Project: 2024 Lake in the Hills Sanitary District Sewer Lining	Contract:	
Owner's Contract No.:	Contractor's Project No.:	Engineer's Project No.: 6625

**Application For Payment
Change Order Summary**

Approved Change Orders				
Number	Additions	Deductions		
			1. ORIGINAL CONTRACT PRICE..... \$ <u>\$610,954.00</u>	
			2. Net change by Change Orders..... \$ _____	
			3. Current Contract Price (Line 1 ± 2)..... \$ <u>\$610,954.00</u>	
			4. TOTAL COMPLETED AND STORED TO DATE	
			(Column F total on Progress Estimates)..... \$ <u>\$516,799.20</u>	
			5. RETAINAGE:	
			a. 10% X <u>\$516,799.20</u> Work Completed..... \$ <u>\$51,679.92</u>	
			b. X _____ Stored Material..... \$ _____	
			c. Total Retainage (Line 5.a + Line 5.b)..... \$ <u>\$51,679.92</u>	
			6. AMOUNT ELIGIBLE TO DATE (Line 4 - Line 5.c)..... \$ <u>\$465,119.28</u>	
			7. LESS PREVIOUS PAYMENTS (Line 6 from prior Application)..... \$ <u>\$430,269.48</u>	
			8. AMOUNT DUE THIS APPLICATION..... \$ <u>\$34,849.80</u>	
			9. BALANCE TO FINISH, PLUS RETAINAGE	
			(Column G total on Progress Estimates + Line 5.c above)..... \$ <u>\$145,834.72</u>	
TOTALS				
NET CHANGE BY CHANGE ORDERS				

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;

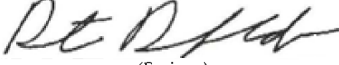
(2) Title to all Work, materials and equipment incorporated in said Work, or otherwise listed in or covered by this Application for Payment, will pass to Owner at time of payment free and clear of all Liens, security interests, and encumbrances (except such as are covered by a bond acceptable to Owner 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

By:  Date: 9/30/2024

Payment of: \$ \$34,849.80
(Line 8 or other - attach explanation of the other amount)

is recommended by:  11/18/2024
(Engineer) (Date)

Payment of: \$ \$34,849.80
(Line 8 or other - attach explanation of the other amount)

is approved by: _____
(Owner) (Date)

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

Progress Estimate - Unit Price Work

Contractor's Application

For (Contract): 2024 Lake in the Hills Sanitary District Sewer Lining						Application Number: 3					
Application Period: September 2024						Application Date: 9/30/2024					
A					B	C	D	E	F		
Item		Contract Information				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)
Bid Item No.	Description	Item Quantity	Units	Unit Price	Total Value of Item (\$)						
1	Remove and Seal Protruding Tap	2	Ea	\$150.00	\$ 300.00	2.00	\$ 300.00		\$ 300.00	100%	
2	Sealing of Active Leaks	5	Ea	\$450.00	\$ 2,250.00	-	\$ -		\$ -		\$2,250.00
3	8-Inch Sanitary Sewer Lining	1,360	Ln Ft	\$31.40	\$ 42,704.00	1,370.00	\$ 43,018.00		\$ 43,018.00	101%	-\$314.00
4	Reinstate Sewer Lateral	28	Ea	\$100.00	\$ 2,800.00	24.00	\$ 2,400.00		\$ 2,400.00	86%	\$400.00
5	Lateral Connection Test and Seal	28	Ea	\$400.00	\$ 11,200.00	-	\$ -		\$ -		\$11,200.00
6	Chemical Grout Material	75	Gal	\$10.00	\$ 750.00	-	\$ -		\$ -		\$750.00
7	Heavy Cleaning	4	Hrs	\$400.00	\$ 1,600.00	-	\$ -		\$ -		\$1,600.00
8	Point Repair Allowance	1	Allowance	\$5,000.00	\$ 5,000.00	-	\$ -		\$ -		\$5,000.00
17	Remove and Seal Protruding Tap	6	Ea	\$150.00	\$ 900.00	5.00	\$750.00		\$750.00	83.3%	\$150.00
18	Sealing of Active Leaks	10	Ea	\$450.00	\$ 4,500.00	-					\$4,500.00
19	8-Inch Sanitary Sewer Lining	11,750	Ln Ft	\$31.40	\$ 368,950.00	11,743.00	\$368,730.20		\$368,730.20	99.9%	\$219.80
20	Reinstate Sewer Lateral	273	Ea	\$100.00	\$ 27,300.00	260.00	\$26,000.00		\$26,000.00	95.2%	\$1,300.00
21	Lateral Connection Test and Seal	273	Ea	\$400.00	\$ 109,200.00	170.00	\$68,000.00		\$68,000.00	62.3%	\$41,200.00
22	Chemical Grout Material	250	Gal	\$10.00	\$ 2,500.00	440.10	\$4,401.00		\$4,401.00	176.0%	-\$1,901.00
23	Heavy Cleaning	40	Hrs	\$400.00	\$ 16,000.00	8.00	\$3,200.00		\$3,200.00	20.0%	\$12,800.00
24	Point Repair Allowance	1	Allowance	\$15,000.00	\$ 15,000.00	-					\$15,000.00
Totals									\$516,799.20	84.6%	\$94,154.80



LAKE IN THE HILLS SANITARY DISTRICT

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Memo

To: President and Board of Trustees
From: Tamara Mueller, District Manager
Date: November 15, 2024
Re: Employee Recognition Recommendations

I submit to you, for approval at the Regular Meeting of the Board of Trustees on November 21, 2024, the following schedule for this year's employee recognition, to be distributed with the December 15th paychecks.

<u>Employee</u>	<u>Amount</u>
Michael Nelson	\$1,700
John Caccamo	\$1,600
James Olvera	\$1,600
Jerilyn Stahlberg	\$1,600
Karen Thompson	\$1,600
Kyle Caccamo	\$1,600
Jennifer Olson	\$1,500
Rene Rodriguez	\$1,500
Steven Woolf	\$1,500
Kadie Gillie	\$1,500
Dierdre Murphy	\$1,500
Tamara Mueller	\$1,100

Thank you very much.

LAKE IN THE HILLS SANITARY DISTRICT
MONTHLY TREASURER REPORT - O&M/SEWERAGE FUNDS
 Month of October, 2024

		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	1,455,610.26	1,421,501.68	1,433,488.14	
First National Bank - Depreciation Account	Construction	3,105,480.46	3,113,404.21	3,054,879.39	
First National Bank - Surplus Funds	Construction	27,364.56	22,432.90	18,229.23	
First National Bank - Bond & Interest Fund	Bond & Int	1,302,894.81	1,311,595.02	1,151,617.36	
First National Bank - Sinking Funds	Bond & Int	1,419,673.17	1,422,648.65	1,407,538.95	
Algonquin Bank & Trust - Cash Mgr	O&M	1,720,473.02	1,693,231.91	1,902,603.21	
Algonquin Bank & Trust - Operating	O&M	0.00	0.00	2,557.00	
Credit Cards		(1,152.62)	(1,006.98)	(2,454.85)	
TOTAL BEGINNING CASH AND INVESTMENTS		9,030,343.66	8,983,807.39	8,968,458.43	
SEWERAGE FUNDS					
		PRIOR MONTH	CURRENT MONTH	YTD	BUDGET
Revenues and Receipts					
Sewer Bill Income/User Charges		41,543.27	794,097.25	1,855,374.42	3,600,000.00
Septage Income		47,264.84	61,632.06	309,536.07	450,000.00
Wastewater Discharge Income		8,759.55	18,208.07	57,710.81	75,000.00
Customer Refunds		(55.87)	(190.17)	(1,594.42)	-
Connection/Tap-On Fees		-	-	5,200.00	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		-	-	-	-
Interest Income		22,837.90	21,090.36	139,595.27	150,000.00
TOTAL REVENUES AND RECEIPTS		120,349.69	894,837.57	2,365,822.15	4,380,500.00
Expenditures					
PERSONNEL SERVICES					
District Personnel Salaries		62,719.13	59,834.22	364,239.23	760,000.00
ADMINISTRATIVE EXPENSES					
Telephone		152.42	152.42	912.91	3,000.00
Postage		5,621.74	-	13,230.29	30,500.00
Printing and Publications		-	-	562.22	2,000.00
Office Supplies		72.75	787.58	1,801.30	7,500.00
Billing and Collection Expenses		862.47	6,401.16	38,033.04	80,000.00
Professional Services		183.79	227.97	1,267.08	6,000.00
Training, Travel and Education		-	426.38	532.99	7,000.00
Computer Hardware, Software, and Support		680.40	605.40	8,844.65	30,000.00
Community Affairs		-	-	-	2,000.00
Medical and Life Insurance		27,017.89	27,017.89	162,107.34	350,000.00
		34,591.46	35,618.80	227,291.82	518,000.00
OPERATIONS AND MAINTENANCE					
Operating Supplies		66.52	6,320.92	20,948.38	60,000.00
Maintenance and Repair (Plant)		832.00	22,526.82	76,376.52	150,000.00
Maintenance and Repair (Collection Systems)		81.94	3,928.32	29,327.14	300,000.00

	PRIOR MONTH	CURRENT MONTH	YTD	BUDGET
Utilities and Energy	195.89	88,293.86	262,405.57	600,000.00
Grounds Upkeep	-	1,750.00	10,000.00	30,000.00
Gasoline/Oil	845.00	-	5,142.08	20,000.00
Computer and Support Services				2,000.00
Emergency Communications	509.06	1,414.29	5,940.59	20,000.00
Sludge Management	6,441.79	89,360.68	207,891.23	375,000.00
Professional Services	-	3,238.60	13,799.86	45,000.00
Residential Reimbursement	-	-	-	10,000.00
Compliance Requirements/Permits	-	-	25,500.00	30,000.00
GIS	-	-	-	10,000.00
	<u>8,972.20</u>	<u>216,833.49</u>	<u>657,331.37</u>	<u>1,652,000.00</u>
CAPITAL IMPROVEMENTS				
New Construction & Upgrades	-	73,420.76	447,323.68	1,500,000.00
Plant Equipment	-	19,622.00	19,622.00	500,000.00
Collection System	45,000.00	90,658.00	187,858.00	1,500,000.00
Vehicles	-	-	-	75,000.00
Legal Expense	-	-	-	5,000.00
Engineering Expense	-	12,536.00	51,274.00	200,000.00
Bond, Finance Consulting Expense	-	-	-	1,000.00
	<u>45,000.00</u>	<u>196,236.76</u>	<u>706,077.68</u>	<u>3,781,000.00</u>
BOND TRANSFERS				
Series 2014 Bond, Principal	-	-	-	125,000.00
Series 2014 Bond, Interest	-	44,993.75	44,993.75	90,000.00
Administration Fees - 2014 Series Bond	-	-	-	2,000.00
	<u>-</u>	<u>44,993.75</u>	<u>44,993.75</u>	<u>217,000.00</u>
CONTINGENT AND MISCELLANEOUS EXPENSES				
Not Otherwise Appropriated	-	23.48	23.48	3,000.00
	<u>-</u>	<u>23.48</u>	<u>23.48</u>	<u>3,000.00</u>
TOTAL EXPENDITURES	<u>151,282.79</u>	<u>553,540.50</u>	<u>1,999,957.33</u>	<u>6,931,000.00</u>
EXCESS OF REVENUES OVER (UNDER) EXPENDITURES	<u>(30,933.10)</u>	<u>341,297.07</u>	<u>365,864.82</u>	<u>(2,550,500.00)</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	1,421,501.68	1,676,609.82	1,248,526.24
First National Bank - Depreciation Account	Construction	3,113,404.21	3,120,314.10	3,069,440.03
First National Bank - Surplus Funds	Construction	22,432.90	71,232.54	18,268.60
First National Bank - Bond & Interest Fund	Bond & Int	1,311,595.02	1,272,152.17	1,217,965.98
First National Bank - Sinking Fund	Bond & Int	1,422,648.65	1,425,367.28	1,410,587.33
Algonquin Bank & Trust - Cash Mgr.	O&M	1,693,231.91	1,766,614.04	1,933,787.80
Algonquin Bank & Trust - Operating	O&M	0.00	79.00	0.00
Credit Cards	O&M	(1,006.98)	(2,372.74)	(1,496.89)
TOTAL ENDING CASH AND INVESTMENTS		<u>8,983,807.39</u>	<u>9,329,996.21</u>	<u>8,897,079.09</u>
SEWERAGE FUNDS				

LAKE IN THE HILLS SANITARY DISTRICT
MONTHLY TREASURER REPORT - GOVERNMENTAL FUNDS
 Month of October, 2024

	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	\$ 1,454,576.61	\$ 1,654,992.02	\$ 1,300,317.07
Credit Cards	-	(1,221.96)	(543.96)
TOTAL BEGINNING CASH AND INVESTMENTS	1,454,576.61	1,653,770.06	1,299,773.11

	PRIOR MONTH	CURRENT MONTH	YTD	BUDGET
Revenues and Receipts				
Real Estate Taxes				
General Fund	99,608.15	2,662.68	233,525.09	236,000.00
Audit Fund	6,334.62	169.33	14,851.12	15,000.00
Chlorination Fund	4,224.57	112.94	9,904.23	10,000.00
Liability Insurance Fund	31,656.11	846.21	74,215.76	75,000.00
Social Security Fund	27,435.78	733.39	64,321.44	65,000.00
Revenue Recapture Fund	998.82	26.70	2,341.66	-
Retirement Fund	65,422.24	1,748.83	153,378.36	155,000.00
Replacement Taxes	-	463.82	1,865.20	-
Rebates, Refunds or Grants Received	-	-	2,452.00	-
Interest Income	3,271.23	3,092.00	18,375.16	1,000.00
TOTAL REVENUES AND RECEIPTS	238,951.52	9,855.90	575,230.02	557,000.00

Expenditures

GENERAL FUND

PERSONNEL SERVICES

Salaries of Trustees, Manager, Treasurer & Clerk	16,672.33	17,359.60	102,922.36	230,000.00
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CONTRACTUAL SERVICES

Professional Engineering	-	16,208.00	42,412.00	65,000.00
Legal Services	-	673.75	1,594.94	25,000.00
Other Professional Services	-	-	1,248.00	5,000.00
	-	16,881.75	45,254.94	95,000.00

ADMINISTRATIVE EXPENSES

Printing, Publications	-	323.40	958.74	4,500.00
Office Supplies, Equipment	-	-	1,026.78	2,500.00
Postage	-	-	-	1,000.00
Treasurer's Bond	-	-	-	4,000.00
Community Affairs	-	-	-	1,000.00
Memberships and Dues	-	-	-	4,000.00
	-	323.40	1,985.52	17,000.00

OPERATING EXPENSES

Building and Grounds Upkeep	-	-	2,706.50	15,000.00
Utilities	-	823.78	3,457.02	55,000.00
J.U.L.I.E.	-	-	-	3,000.00
Training and Education	47.00	504.00	1,557.00	3,000.00
Travel Expenses	4.00	-	24.00	2,000.00
Computer Hardware, Software & Support	1,278.46	657.04	2,292.00	7,000.00
	1,329.46	1,984.82	10,036.52	85,000.00

	PRIOR MONTH	CURRENT MONTH	YTD	BUDGET
CONTINGENT AND MISCELLANEOUS EXPENSES				
Not Otherwise Appropriated	-	150.00	150.00	1,000.00
	-	150.00	150.00	1,000.00
TOTAL GENERAL FUND	18,001.79	36,699.57	160,349.34	428,000.00
CHLORINATION FUND	1,741.60	-	3,114.00	50,000.00
	1,741.60	-	3,114.00	50,000.00
AUDIT FUND	-	13,750.00	13,750.00	15,000.00
	-	13,750.00	13,750.00	15,000.00
PUBLIC LIABILITY INSURANCE FUND				
Workers' Compensation	4,536.00	-	9,072.00	25,000.00
Administrative Fee	136.00	-	272.00	1,000.00
Property	-	-	-	45,000.00
Vehicles	-	-	-	15,000.00
General Liability	-	-	-	74,000.00
	4,672.00	-	9,344.00	160,000.00
SOCIAL SECURITY FUND	6,073.46	5,907.06	35,739.60	80,000.00
IMRF FUND	9,269.22	9,424.84	54,861.70	155,000.00
OTHER EXPENDITURES (RECEIPTS)	-	-	-	-
TOTAL EXPENDITURES	39,758.07	65,781.47	277,158.64	888,000.00
EXCESS OF REVENUES OVER (UNDER) EXPENDITURES	199,193.45	(55,925.57)	298,071.38	(331,000.00)
Ending Cash and Investments				
First National Bank	\$ 1,654,992.02	\$ 1,598,639.03	\$ 1,267,148.58	
Credit Cards	(1,221.96)	(794.54)	(446.00)	
TOTAL ENDING CASH AND INVESTMENTS	1,653,770.06	1,597,844.49	1,266,702.58	

**LITH SANITARY DISTRICT
Bills Paid Prior To Meeting
November 21, 2024 Meeting Date**

Name	Memo	Amount
Governmental Funds		
TOTAL GOVERNMENTAL BILLS PAID PRIOR TO MEETING		\$ -
O & M Funds		
Flood Brothers Disposal & Recycling	Bldgs & Grounds - November 2024 Trash Svs.	\$ 376.54
Illinois State Treasurer's Office	Misc & Cont - NOA, Unclaimed Property	\$ 23.48
TAS United	Emergency Communications	\$ 110.00
Verizon Wireless	Emergency Communications	\$ 399.36
TOTAL O & M BILLS PAID PRIOR TO MEETING		\$ 909.38

**LITH SANITARY DISTRICT
Recurring Bills
November 21, 2024 Meeting Date**

Name	Memo	Amount
Governmental Funds		
United States Treasury	District Pd Payroll Taxes (SS & Med)	\$ 5,907.06
Illinois Municipal Retirement Fund	Employer Portion of IMRF - September 2024 Wages	\$ 9,424.84
TOTAL GOVERNMENTAL RECURRING BILLS		\$ 15,331.90
O & M Funds		
Blue Cross Blue Shield	Medical Insurance Premiums (for October 2024)	\$ 25,456.69
First National Bank PayMaker/Bill.com	Pro Svs - PayMaker/ Bill.com	\$ 65.49
Humana	Specialty Insurance Premiums (for October 2024)	\$ 1,561.20
TOTAL O & M RECURRING BILLS		\$ 27,083.38

Approved _____

President Reed

**LITH SANITARY DISTRICT - Governmental Fund
Bills Presented to Board for Approval
November 21, 2024 Meeting**

Name	Memo		
GOVERNMENTAL FUND BILLS			
Applied Technologies	Contractual Svs - Engineering Through 10/25/24	\$	5,126.00
Costco Wholesale	Membership & Dues	\$	65.00
First National Bank of Omaha - Visa	Computer Exp for Website & Backup, Office Supplies & Equipment	\$	1,202.54
Frisbie Lohmeyer Insurance	Property, Vehicle & Gen Liab Ins - Renewal 2024-2025	\$	71,363.00
Liberty Mutual	Treasurer's Bond	\$	3,000.00
McHenry County Recorder	Computer Exp	\$	50.00
Minuteman Press	Printing & Publications - Business Cards, K Caccamo	\$	78.14
NextEra Energy Services	Utilities - October 2024	\$	1,098.60
Shaw Suburban Media Group	Printing & Publications, Availability of Audit	\$	65.08
Storino Ramello & Durkin	Contractual Svs - Legal, September 2024	\$	578.60
Storino Ramello & Durkin	Contractual Svs - Legal, October 2024	\$	385.00
Turf Care Enterprises Inc	Bldgs & Grounds Upkeep, Step 6 Lawn Program	\$	1,020.00
TOTAL GOVERNMENTAL FUND BILLS			\$ 84,031.96

**LITH SANITARY DISTRICT - O&M/Sewerage Fund
Bills Presented to Board for Approval
November 21, 2024 Meeting**

Name	Memo		Amount
O & M BILLS			
Accurate Security & Lock Corp	Pro Svs - Svs Call, Fire King	\$	475.00
Airgas USA, LLC	Operating Supplies	\$	174.50
Alarm Detection Systems Inc	Emergency Communications - Dec 2024- Feb 2025	\$	103.35
AutoZone, Inc.	Maint/Repair - Plant Vehicles, Oil Filter Dakota Truck	\$	4.78
AutoZone, Inc.	Maint/Repair - Plant Vehicles, Air Filter for F-150 & De-Icer	\$	55.89
Blu Petroleum	Gas/Fuel	\$	2,193.76
Blu Petroleum	Gas/Fuel	\$	1,248.94
Calco, Ltd. Inc.	Operating Supplies - Lab	\$	169.00
Calco, Ltd. Inc.	Operating Supplies - Lab	\$	164.00
Cintas Corporation #355	Operating Supplies - Personnel	\$	834.81
Consolidated Electrical Distributors, Inc	Maint/Repair - Coll Sys, Pyott Pump #2	\$	65.40
Deere & Company	Cap Improvements - Vehicles, Gator	\$	30,634.06
Dreisilker Electric Motors Inc	Maint/Repair - Plant, Cogged V-Belts for Ox Ditch	\$	186.08
Dreisilker Electric Motors Inc	Maint/Repair - Plant, V-Belts for VLR	\$	117.92
Element Materials Tech Daleville LLC	Pro Svs - Lab, Cake Sludge	\$	934.50
First Mobile Trust Inc	Collection Exp - October 2024	\$	8,869.21
First National Bank of Omaha - Visa	Computer Exp, Pro Svs Intuit Fees, Op Supplies Safety & Personnel, Office Supplies, Telephone	\$	2,372.74
FLSmith Inc	Maint/Repair - Plant, Cone Liner, BPC Rubber	\$	1,497.88
Fox Valley Fire & Safety	Pro Svs - Fire Extinguisher Service	\$	237.95
Grainger, Inc.	Maint/Repair - Plant, Main Lift Outside Light Bulbs	\$	93.72
Harrell & Son's Lawn Maintenance	Grounds Upkeep - October 2024 Mowing	\$	1,750.00

Interstate All Battery Center	Maint/Repair - Plant, Exit Light Batteries	\$	139.80
Logsdon Office Supply	Office Supplies	\$	31.98
Logsdon Office Supply	Office Supplies	\$	272.43
Lou's Gloves Inc	Operating Supplies - Gloves	\$	524.00
Menards - Crystal Lake	Maint/Repair - Plant	\$	38.12
Menards - Crystal Lake	Maint/Repair - Plant	\$	9.98
Metropolitan Industries, Inc.	Emergency Communications - Metro Cloud, 10/15/24	\$	445.00
Metropolitan Industries, Inc.	Emergency Communications - Metro Cloud 11/15/24	\$	445.00
Mid-South Imaging LLC	Collection Exp - October 2024	\$	370.70
Midwest IT Pros	Computer Exp - RMM & Computer Scan	\$	437.50
NAPA Auto Parts	Maint/Repair - Plant , Hydraulic Filter for Press Hydraulic Pump	\$	25.99
PetroChoice LLC	Operating Supplies - Mobil Glygoyle Pail	\$	432.39
Standard Equipment Company	Cap Imprvmnts - Collection System, Trailer Mount Jet Vac	\$	108,496.79
Synagro-WWT, Inc.	Sludge Management	\$	33,950.00
TEKLAB, INC	Pro Svs - Lab 10/12/24	\$	321.60
TEKLAB, INC	Pro Svs - Lab 10/19/24	\$	162.40
TEKLAB, INC	Pro Svs - Lab 10/26/24	\$	162.40
TEKLAB, INC	Pro Svs - Lab 11/5/2024	\$	162.40
TEKLAB, INC	Pro Svs - Lab 11/9/2024	\$	321.60
The Home Depot	Operating Supplies	\$	20.00
Third Millennium Associates, Inc.	Collection Exp - Rendering of Past Due Notices	\$	646.11
USA BlueBook	Operating Supplies - Lab	\$	2,327.93
Village of Lake In The Hills	Collection Exp - Water Shut Offs 10/2 & 10/22/24	\$	367.50
Warehouse Direct	Pro Svs - Copies	\$	14.57
Water One, Inc.	Operating Supplies - Personnel	\$	37.75
Xylem Water Solutions U.S.A., Inc.	Maint/Repair - Coll Sys, Pyott LS Pump Bases	\$	4,053.00

TOTAL O&M FUND BILLS **\$ 206,400.43**

BOND & INTEREST BILLS

Ehlers & Associates	Admin Fees 2014 Bond - Continuing Disclosures	\$	850.00
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TOTAL BOND & INTEREST FUND BILLS **\$ 850.00**

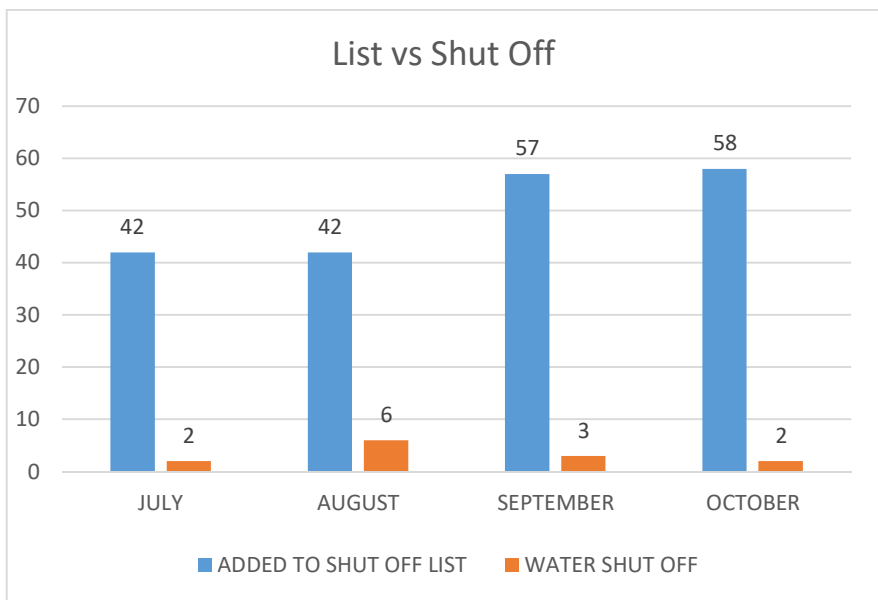
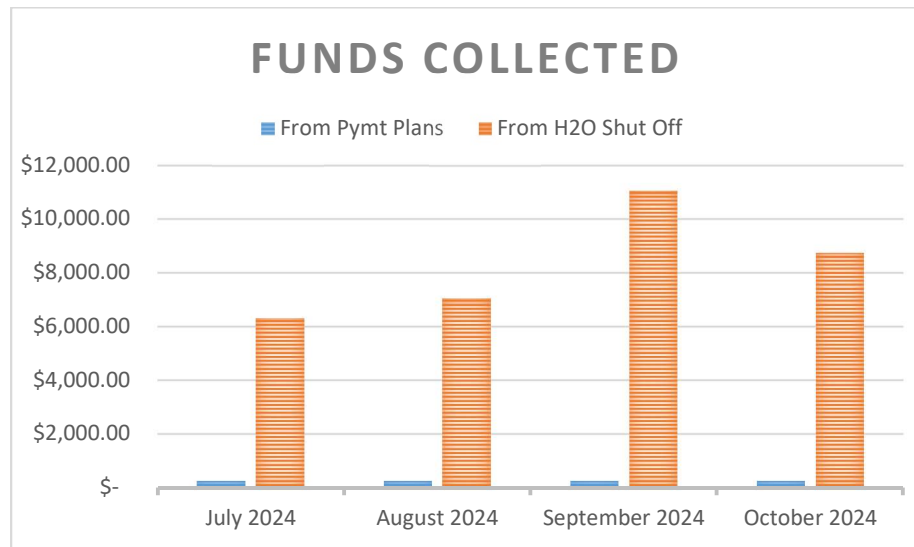
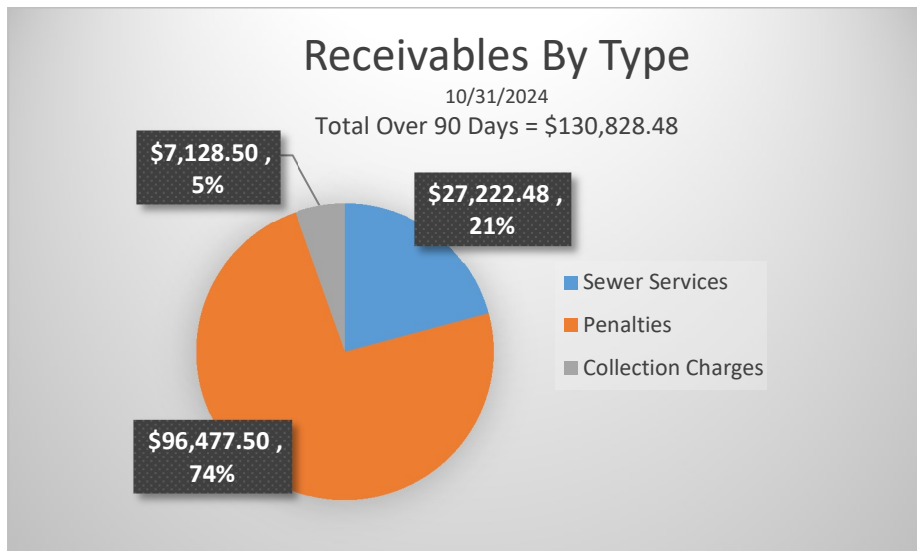
GRAND TOTAL OF ALL BILLS PRESENTED FOR APPROVAL IS **\$334,607.05** WHICH **\$99,363.86** IS FROM THE GOVERNMENTAL FUNDS, **\$234,393.19** IS FROM THE OPERATIONS AND MAINTENANCE FUNDS, **\$0.00** IS FROM THE CONSTRUCTION FUNDS, AND **\$850.00** IS FROM THE BOND AND INTEREST FUNDS.

Approved _____

President Reed

Accounts Receivable Analysis

October 2024



Monthly Shut Off Summary

Lake in the Hills

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

Huntley

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

Crystal Lake

- None.

MANAGER'S REPORT

Month of October, 2024

Customers	CURRENT	12/MO TOTAL	Data for Oct 2023
	Total accounts:	11,775	
New Customers:	1	6	3
Connections:	0	5	1
Permits Issued:	0	4	0
Permits Issued Past 13 Months:	4		
Total Permits Issued to Date:			
<i>Residential:</i>	10,124		
<i>Commercial:</i>	124		
<i>Industrial:</i>	1		

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

NAME	PE	DWELLINGS	Issued
Lake in the Hills Police Department	1,800	1	1/31/2024

COLLECTION SYSTEM EMERGENCY RESPONSES AND SANITARY SEWER OVERFLOWS

DATE	LOCATION	PROBLEM	DISTRICT PROBLEM
10/29/2024	1107 Birch	blocked service line	no

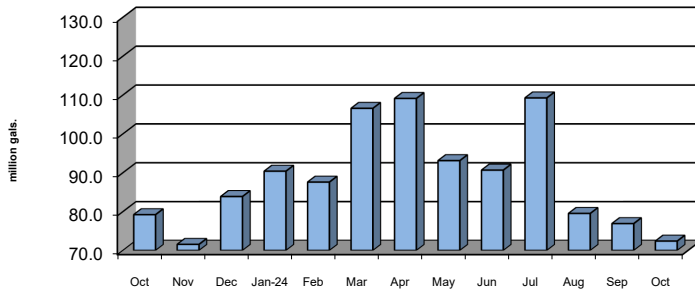
COLLECTION SYSTEM ACTIVITIES

James televised 4,002' of sewer lines, some in Boulder Ridge and some inspecting the recent lining. Maintenance cleaned/root cut 932' of mains.

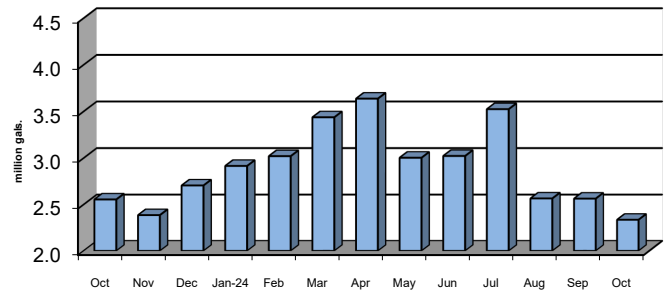
FLOWS

Total Effluent Flow for Month:	72.393	million gallons
Average Daily Flow:	2.335	mgd
Maximum Daily Flow:	2.580	mgd
Precipitation Total:	2.01	inches
Precipitation This Month Last Year:	3.05	inches
Septage Accepted:	823,061	gallons

Total Monthly Flows



Monthly Average Daily Flows



MANAGER'S MONTHLY REPORT

October 2024

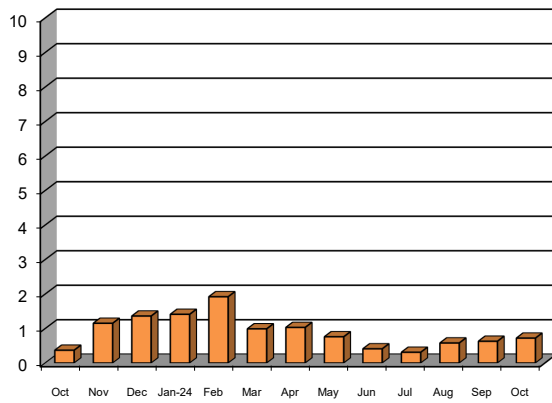
Page 2 of 2

TREATMENT PLANT OPERATIONS

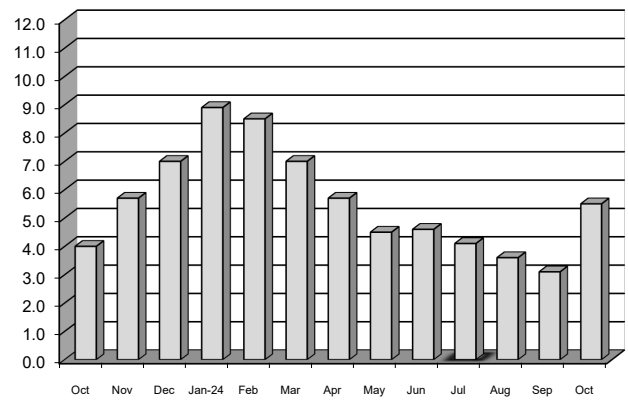
	<u>Average in</u>	<u>Average out</u>	<u>Average % reduction</u>
BOD/CBOD	255 mg/L	0.7 mg/L	99.7%
Total Suspended Solids:	556 mg/L	5.5 mg/L	99.0%
Ammonia Nitrogen:	15.3 mg/L	0.07 mg/L	99.5%
Phosphorus:		0.21 mg/L	
Fecal Coliform:		80.5 MPN	

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:	1.877 million gallons
Decanted:	0.294 million gallons
Thickened:	1.771 million gallons
To Digester:	0.808 million gallons
Pressed:	1.023 million gallons

PERSONNEL ACTIVITIES

Staff attended fire extinguisher training on 10/29/24.
 Tamara attended the FRSG annual meeting on 10/31/24.

Respectfully submitted,

Tamara C. Mueller
 District Manager



Date: November 19, 2024 **Project #:** 6624
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: November 2024 District Engineer's Report
Cc: Karen Thompson – District Clerk/Treasurer

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

- a. MCDOT has not sent the information regarding the District's cost sharing portion of the project.
- b. No Start Date has been shared

2. Task Order No. 24-02 - 2024 District Sanitary Sewer Lining Project Construction Engineering & Inspection

- a. Pay App No. 3 is submitted at this Month's District Board Meeting for \$34,849.80
- b. The Contract still needs to submit Pay App No. 4, this would include the last of the Contract work.
- c. There are two outstanding Resident concerns the District is still seeking resolution. It is recommended to hold the Contract retainage until these issues are resolved.

3. Village Projects

- a. No update on the road project.
- b. Village Tornado Siren moved locations, off of District Property.