



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
January 16, 2025
7:00 p.m.**

REGULAR MEETING OF THE BOARD OF TRUSTEES

Roll Call

Pledge of Allegiance

Approval of Minutes

Public Comments

Consent Agenda

Specific Agenda

Treasurer's Report

Approval of Bills

Grand total of all bills presented for approval is \$160,418.92 of which \$23,773.61 is from the Governmental Funds, \$136,645.31 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

Operations Update

Engineer's Report

Attorney's Report

Unfinished Business

New Business

Adjournment

**Lake in the Hills Sanitary District
Board of Trustees Regular Meeting Minutes
December 19, 2024**

Roll Call:

The regular meeting was called to order by President Jessica Reed at 7:01pm at the Sanitary District offices located at 515 Plum Street. Roll call was answered by President Jessica Reed and Trustee Matt Irsay. Trustee Robert Reining was absent. 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 Attorney Ann Williams of Storino, Ramello & Durkin. District Treasurer/Clerk Karen Thompson attended via Zoom.

Pledge of Allegiance

Approval of Minutes:

Motion was made by Trustee Irsay, seconded by President Reed, to approve the minutes of the Regular Board Meeting of November 21, 2024 as presented. On a roll call vote, President Reed and Trustee Irsay voted aye.

Public Comments:

None.

Consent Agenda:

- A. Approval of Contractor's Application for Payment No. 4 to Visu-Sewer in the amount of \$3,845.70 for the Lake in the Hills Sanitary District 2024 Sanitary Sewer Lining.

Motion was made by Trustee Irsay and seconded by President Reed to approve the Consent Agenda as presented (Item A). On a roll call vote, President Reed and Trustee Irsay voted aye to approve the Consent Agenda as presented and release the payment of \$3,845.70 to Visu-Sewer.

Specific Agenda:

None.

Treasurer's Report:

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

She highlighted some of the receipts and expenses on each of the reports.

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

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.

**Lake in the Hills Sanitary District
Board of Trustees Regular Meeting Minutes
December 19, 2024**

Motion was made by Trustee Irsay and seconded by President Reed to approve the List of Bills as presented. The total approved for payment is \$151,520.56 of which \$26,383.48 is from the Governmental Funds, \$119,137.08 is from the Operations and Maintenance Funds, \$6,000.00 is from the Construction Funds, and \$0.00 is from the Bond and Interest Funds.

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

Manager's Report:

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

She highlighted the following items:

- There was only one sewer call in November which was an odor issue. It was not a District problem.
- There was a residential reimbursement on the list of bills tonight for Mr. Bell who had a backup at his property. He provided receipts for the water remediation and the plumber. He also had some photos that were damaged. Total reimbursement is \$1,550.00.
- The Pyott lift station underwent some rehabilitation to replace the bases. The project went really well. The District Manager has pictures on her phone she can share with the Board.
- The District Manager has been working with MCCD regarding the grant and tree removal. A government agreement should be ready by February. The District Engineer recommends doing a license instead of an easement since a license does not have any attachment to the land. The District Attorney can draw up this license.

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

Engineer's Report:

District Engineer Bob Doeringsfeld provided a written report and a verbal summary of the projects that they are working on.

These projects are as follows:

1. McHenry County Division of Transportation (MCDOT) Randall Road Project – At the time his written report was prepared, he had not yet heard anything additional on this project. However, today he received notification that they were now proposing to switch from timber pilings to drilled shafts. This was not in the original scope and the District Engineer advised them that we will not be moving any more sewer lines than what was in the original plan.
2. District Sanitary Sewer Lining – Pay app #4 was submitted and approved tonight. This is the final pay request for time and material as the project is done. We will continue to hold retention until the resident issues are resolved.
3. Village Projects – There are no updates.

Attorney's Report:

None.

**Lake in the Hills Sanitary District
Board of Trustees Regular Meeting Minutes
December 19, 2024**

Unfinished Business:

None.

New Business:

None.

Adjournment:

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

The meeting was adjourned at 7:24pm.

Respectfully submitted,

KT

Karen Thompson,
District Clerk

APPROVED this _____ day of _____, 2025.

President Reed

LAKE IN THE HILLS SANITARY DISTRICT
MONTHLY TREASURER REPORT - O&M/SEWERAGE FUNDS
 Month of December, 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	1,676,609.82	1,393,211.30	1,433,488.14	
First National Bank - Depreciation Account	Construction	3,120,314.10	3,134,678.62	3,054,879.39	
First National Bank - Surplus Funds	Construction	71,232.54	36,498.90	18,229.23	
First National Bank - Bond & Interest Fund	Bond & Int	1,272,152.17	1,340,223.67	1,151,617.36	
First National Bank - Sinking Funds	Bond & Int	1,425,367.28	1,427,938.80	1,407,538.95	
Algonquin Bank & Trust - Cash Mgr	O&M	1,766,614.04	1,784,243.86	1,902,603.21	
Algonquin Bank & Trust - Operating	O&M	79.00	28.00	2,557.00	
Credit Cards		(2,372.74)	(2,804.39)	(2,454.85)	
TOTAL BEGINNING CASH AND INVESTMENTS		9,329,996.21	9,114,018.76	8,968,458.43	
SEWERAGE FUNDS					
		PRIOR MONTH	CURRENT MONTH	YTD	BUDGET
Revenues and Receipts					
Sewer Bill Income/User Charges		73,749.94	68,341.79	1,997,466.15	3,600,000.00
Septage Income		12,463.22	77,422.33	410,205.26	450,000.00
Wastewater Discharge Income		442.35	7,836.60	65,989.76	75,000.00
Customer Refunds		(239.87)	(610.20)	(2,444.49)	-
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		20,290.91	20,096.73	179,982.91	150,000.00
TOTAL REVENUES AND RECEIPTS		106,706.55	173,087.25	2,656,399.59	4,380,500.00
Expenditures					
PERSONNEL SERVICES					
District Personnel Salaries		59,039.76	75,870.39	499,149.38	760,000.00
ADMINISTRATIVE EXPENSES					
Telephone		152.72	152.72	1,218.35	3,000.00
Postage		737.71	5,700.05	19,668.05	30,500.00
Printing and Publications		-	-	562.22	2,000.00
Office Supplies		304.41	533.49	2,639.20	7,500.00
Billing and Collection Expenses		12,152.96	2,382.12	52,568.12	80,000.00
Professional Services		715.91	522.86	2,505.85	6,000.00
Training, Travel and Education		-	20.00	552.99	7,000.00
Computer Hardware, Software, and Support		630.20	592.70	10,067.55	30,000.00
Community Affairs		-	-	-	2,000.00
Medical and Life Insurance		27,017.89	27,017.89	216,143.12	350,000.00
		41,711.80	36,921.83	305,925.45	518,000.00
OPERATIONS AND MAINTENANCE					
Operating Supplies		5,431.39	2,916.43	29,296.20	60,000.00
Maintenance and Repair (Plant)		18,450.70	13,923.22	108,750.44	150,000.00
Maintenance and Repair (Collection Systems)		4,118.40	222.12	33,667.66	300,000.00

	PRIOR MONTH	CURRENT MONTH	YTD	BUDGET
Utilities and Energy	-	43,693.38	306,098.95	600,000.00
Grounds Upkeep	1,750.00	700.00	12,450.00	30,000.00
Gasoline/Oil	3,442.70	706.65	9,291.43	20,000.00
Computer and Support Services				2,000.00
Emergency Communications	1,577.67	619.36	8,137.62	20,000.00
Sludge Management	33,950.00	-	241,841.23	375,000.00
Professional Services	2,302.85	6,781.89	22,884.60	45,000.00
Residential Reimbursement	-	1,550.00	1,550.00	10,000.00
Compliance Requirements/Permits	-	-	25,500.00	30,000.00
GIS	-	-	-	10,000.00
	<u>71,023.71</u>	<u>71,113.05</u>	<u>799,468.13</u>	<u>1,652,000.00</u>
CAPITAL IMPROVEMENTS				
New Construction & Upgrades	34,849.80	4,445.70	486,619.18	1,500,000.00
Plant Equipment	-	-	19,622.00	500,000.00
Collection System	108,496.79	6,000.00	302,354.79	1,500,000.00
Vehicles	30,634.06	-	30,634.06	75,000.00
Legal Expense	-	-	-	5,000.00
Engineering Expense	-	-	51,274.00	200,000.00
Bond, Finance Consulting Expense	-	-	-	1,000.00
	<u>173,980.65</u>	<u>10,445.70</u>	<u>890,504.03</u>	<u>3,781,000.00</u>
BOND TRANSFERS				
Series 2014 Bond, Principal	-	-	-	125,000.00
Series 2014 Bond, Interest	-	-	44,993.75	90,000.00
Administration Fees - 2014 Series Bond	850.00	-	850.00	2,000.00
	<u>850.00</u>	<u>-</u>	<u>45,843.75</u>	<u>217,000.00</u>
CONTINGENT AND MISCELLANEOUS EXPENSES				
Not Otherwise Appropriated	-	-	23.48	3,000.00
	<u>-</u>	<u>-</u>	<u>23.48</u>	<u>3,000.00</u>
TOTAL EXPENDITURES	<u>346,605.92</u>	<u>194,350.97</u>	<u>2,540,914.22</u>	<u>6,931,000.00</u>
EXCESS OF REVENUES OVER (UNDER) EXPENDITURES	<u>(239,899.37)</u>	<u>(21,263.72)</u>	<u>115,485.37</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	1,393,211.30	1,328,813.11	1,248,526.24
First National Bank - Depreciation Account	Construction	3,134,678.62	3,141,016.97	3,069,440.03
First National Bank - Surplus Funds	Construction	36,498.90	26,712.17	18,268.60
First National Bank - Bond & Interest Fund	Bond & Int	1,340,223.67	1,347,927.83	1,217,965.98
First National Bank - Sinking Fund	Bond & Int	1,427,938.80	1,430,438.67	1,410,587.33
Algonquin Bank & Trust - Cash Mgr.	O&M	1,784,243.86	1,801,048.04	1,933,787.80
Algonquin Bank & Trust - Operating	O&M	28.00	0.00	0.00
Credit Cards	O&M	(2,804.39)	(1,971.08)	(1,496.89)
TOTAL ENDING CASH AND INVESTMENTS		<u>9,114,018.76</u>	<u>9,073,985.71</u>	<u>8,897,079.09</u>
SEWERAGE FUNDS				

LAKE IN THE HILLS SANITARY DISTRICT
MONTHLY TREASURER REPORT - GOVERNMENTAL FUNDS
 Month of December, 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	\$ 1,598,639.03	\$ 1,490,407.71	\$ 1,300,317.07
Credit Cards	(794.54)	(543.64)	(543.96)
TOTAL BEGINNING CASH AND INVESTMENTS	1,597,844.49	1,489,864.07	1,299,773.11

	PRIOR MONTH	CURRENT MONTH	YTD	BUDGET
Revenues and Receipts				
Real Estate Taxes				
General Fund	1,994.55	-	235,519.64	236,000.00
Audit Fund	126.84	-	14,977.96	15,000.00
Chlorination Fund	84.59	-	9,988.82	10,000.00
Liability Insurance Fund	633.89	-	74,849.65	75,000.00
Social Security Fund	549.40	-	64,870.84	65,000.00
Revenue Recapture Fund	20.00	-	2,361.66	-
Retirement Fund	1,310.05	-	154,688.41	155,000.00
Replacement Taxes	-	145.11	2,010.31	-
Rebates, Refunds or Grants Received	-	-	2,452.00	-
Interest Income	2,827.33	2,569.67	23,772.16	1,000.00
TOTAL REVENUES AND RECEIPTS	7,546.65	2,714.78	585,491.45	557,000.00

Expenditures

GENERAL FUND

PERSONNEL SERVICES

Salaries of Trustees, Manager, Treasurer & Clerk	16,783.76	19,483.77	139,189.89	230,000.00
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CONTRACTUAL SERVICES

Professional Engineering	5,126.00	3,432.00	50,970.00	65,000.00
Legal Services	963.60	-	2,558.54	25,000.00
Other Professional Services	-	4.50	1,252.50	5,000.00
	6,089.60	3,436.50	54,781.04	95,000.00

ADMINISTRATIVE EXPENSES

Printing, Publications	143.22	-	1,101.96	4,500.00
Office Supplies, Equipment	408.00	-	1,434.78	2,500.00
Postage	-	-	-	1,000.00
Treasurer's Bond	3,000.00	-	3,000.00	4,000.00
Community Affairs	-	-	-	1,000.00
Memberships and Dues	65.00	-	65.00	4,000.00
	3,616.22	-	5,601.74	17,000.00

OPERATING EXPENSES

Building and Grounds Upkeep	1,020.00	-	3,726.50	15,000.00
Utilities	1,098.60	1,797.09	6,352.71	55,000.00
J.U.L.I.E.	-	-	-	3,000.00
Training and Education	-	-	1,557.00	3,000.00
Travel Expenses	4.00	4.00	32.00	2,000.00
Computer Hardware, Software & Support	589.64	211.40	3,093.04	7,000.00
	2,712.24	2,012.49	14,761.25	85,000.00

	PRIOR MONTH	CURRENT MONTH	YTD	BUDGET
CONTINGENT AND MISCELLANEOUS EXPENSES				
Not Otherwise Appropriated	-	-	150.00	1,000.00
	-	-	150.00	1,000.00
TOTAL GENERAL FUND	29,201.82	24,932.76	214,483.92	428,000.00
CHLORINATION FUND	-	-	3,114.00	50,000.00
	-	-	3,114.00	50,000.00
AUDIT FUND	-	-	13,750.00	15,000.00
	-	-	13,750.00	15,000.00
PUBLIC LIABILITY INSURANCE FUND				
Workers' Compensation	-	5,434.00	14,506.00	25,000.00
Administrative Fee	-	163.00	435.00	1,000.00
Property	46,317.00	-	46,317.00	45,000.00
Vehicles	8,198.00	-	8,198.00	15,000.00
General Liability	16,848.00	-	16,848.00	74,000.00
	71,363.00	5,597.00	86,304.00	160,000.00
SOCIAL SECURITY FUND	5,800.52	7,294.58	48,834.70	80,000.00
IMRF FUND	9,161.73	8,993.12	73,016.55	155,000.00
OTHER EXPENDITURES (RECEIPTS)	-	-	-	-
TOTAL EXPENDITURES	115,527.07	46,817.46	439,503.17	888,000.00
EXCESS OF REVENUES OVER (UNDER) EXPENDITURES	(107,980.42)	(44,102.68)	145,988.28	(331,000.00)
Ending Cash and Investments				
First National Bank	\$ 1,490,407.71	\$ 1,445,925.29	\$ 1,267,148.58	
Credit Cards	(543.64)	(163.90)	(446.00)	
TOTAL ENDING CASH AND INVESTMENTS	1,489,864.07	1,445,761.39	1,266,702.58	

**LITH SANITARY DISTRICT
Bills Paid Prior To Meeting
January 16, 2025 Meeting Date**

Name	Memo	Amount
Governmental Funds		
TOTAL GOVERNMENTAL BILLS PAID PRIOR TO MEETING		\$ -
O & M Funds		
Harrell & Sons Lawn Maintenance	Grounds Upkeep - September Mowing	\$ 1,400.00
Verizon Wireless	Emergency Communications	\$ 399.36
TOTAL O & M BILLS PAID PRIOR TO MEETING		\$ 1,799.36

**LITH SANITARY DISTRICT
Recurring Bills
January 16, 2025 Meeting Date**

Name	Memo	Amount
Governmental Funds		
United States Treasury	District Pd Payroll Taxes (SS & Med)	\$ 7,294.58
Illinois Municipal Retirement Fund	Employer Portion of IMRF - November 2024 Wages	\$ 8,993.12
Intuit Fees	Pro Svcs - Fees for ACH Payments to Vendors	\$ 4.50
TOTAL GOVERNMENTAL RECURRING BILLS		\$ 16,292.20
O & M Funds		
Blue Cross Blue Shield	Medical Insurance Premiums (for December 2024)	\$ 25,456.69
First National Bank PayMaker/Bill.com	Pro Svcs - PayMaker/ Bill.com	\$ 80.64
Humana	Specialty Insurance Premiums (for December 2024)	\$ 1,561.20
United States Postal Service	Postage - Mailing of QU Bills	\$ 5,613.50
Village of Lake in the Hills	Utilities - Water	\$ 77.17
TOTAL O & M RECURRING BILLS		\$ 32,789.20

Approved _____

President Reed

**LITH SANITARY DISTRICT - Governmental Fund
Bills Presented to Board for Approval
January 16, 2025 Meeting**

Name	Memo		
GOVERNMENTAL FUND BILLS			
Applied Technologies	Contractual Svs - Engineering	\$	2,624.00
First National Bank of Omaha - Visa	Training Travel & Education and Computer Exp	\$	163.90
Hawkins Inc	Chlorination - Alum Sulfate	\$	1,739.60
Majestic Flag and Banner	Misc & Contingent NOA - Flag	\$	56.00
McHenry County Recorder	Computer Exp - December 2024 Laredo	\$	63.00
Nicor Gas	Utilities - Dec 2024	\$	1,300.87
Shaw Media	Printing & Publications - 2025 Board Meeting Dates	\$	70.44
Staking University	Training, Travel & Ed - J Olvera 2-Day Locating Course	\$	850.00
Storino Ramello & Durkin	Contractual Svs - Legal, November 2024	\$	613.60
TOTAL GOVERNMENTAL FUND BILLS			\$ 7,481.41

**LITH SANITARY DISTRICT - O&M/Sewerage Fund
Bills Presented to Board for Approval
January 16, 2025 Meeting**

Name	Memo		Amount
O & M BILLS			
AutoZone	Maint/Repair - Plant Vehicles, Oil Filter for the Expedition	\$	2.59
AutoZone	Maint/Repair - Plant Vehicles, Winter Blade	\$	33.98
Blu Petroleum	Gas/Fuel	\$	1,365.46
Calco, Ltd. Inc.	Operating Supplies - Lab	\$	136.00
Cassidy Tire & Service	Maint/Repair - Plant Vehicles, New Tires for End Loader	\$	7,999.34
Cintas Corporation #355	Operating Supplies - Personnel, December 2024	\$	737.44
Civic Systems	Computer Exp - Semi Annual Software Support Fees	\$	4,154.00
Consolidated Electrical Distributors, Inc	Maint/Repair - Plant	\$	109.75
EJ Equipment	Maint/Repair - Plant Vehicles, Freight for Loaner TV Truck Camera	\$	368.06
Englewood Electric/WESCO Distribution	Maint/Repair - Plant, Contact Heaters Main Lift Pump #1	\$	106.98
First Mobile Trust	Collection Exp - December 2024	\$	638.40
First National Bank of Omaha - Visa	Oper Supplies Safety, Telephone, Computer Exp, Intuit Pro Svs Fees, Office Supplies, M/R Plant & CS	\$	1,963.23
Flood Brothers Disposal & Recycling Svs	Bldgs & Grounds - January 2025 Trash Svs	\$	376.54
Grainger, Inc.	Maint/Repair - Plant, Neoprene Roll	\$	567.64
Hawkins, Inc	Sludge Mgt - Aqua Hawk 1124	\$	6,485.59
Interstate All Battery Center	Maint/Repair - Plant, Batteries for Lab Control Room UPS	\$	571.50
Interstate All Battery Center	Maint/Repair - Plant, Batteries for Lab Control Room UPS	\$	190.50
Liberty Process Equipment	Sludge Mgt - Stator, Rotor, Joint Kit, Joint Seal Kit for Moyno Pump	\$	16,049.00
Logsdon Office Supply	Office Supplies	\$	286.57
Marc Kresmery Construction LLC	Maint/Repair - Plant, Main Lift Station Bypass Port	\$	3,975.00
Marc Kresmery Construction LLC	Maint/Repair - Coll System, Removed and Replaced 3 Pump Bases at Pyott LS	\$	26,222.97
Metropolitan Industries, Inc.	Emergency Communications - Metro Cloud	\$	445.00
Metropolitan Industries, Inc.	Programming Field Svs, UPS Control Unit	\$	867.00
Mid-South Imaging LLC	Collection Exp	\$	95.45
Midwest IT Pros	Computer Exp - RMM	\$	400.00

Midwest IT Pros	Computer Exp - Remote Desktop & Outlook Issues	\$	450.00
Motion Industries	Maint/Repair - Plant, Grid Cplgs	\$	1,268.40
Phenova Inc	Operating Supplies - Lab	\$	327.69
Seiler Instrument & Mfg. Co., Inc.	Cap Imprmnts - Coll Sys, SnapTrack HPTX Locator	\$	5,553.48
Sievert Crane & Hoist	Pro Svs - Annual Inspection	\$	1,300.00
Standard Equipment	Maint/Repair - Plant Vehicles, Leader Hose & Freight	\$	162.39
Synagro WWT	Sludge Mgt - December 2024	\$	14,428.75
TAS United	Emergency Communications	\$	110.00
TEKLAB, INC	Pro Svs - Lab 12/14/24	\$	162.40
TEKLAB, INC	Pro Svs - Lab 12/21/24	\$	162.40
TEKLAB, INC	Pro Svs - Lab 12/28/24	\$	162.40
TEKLAB, INC	Pro Svs - Lab 1/4/25	\$	116.60
The Home Depot	Oper Supplies Small Tools	\$	7.85
The UPS Store	Postage	\$	53.76
Third Millennium Associates, Inc.	Collection Exp - Rendering of QU Bills	\$	3,118.53
USA BlueBook	Operating Supplies - Sewer Marking Flags	\$	75.90
Warehouse Direct	Pro Svs - Copies	\$	12.49
Water One, Inc.	Operating Supplies - Personnel, Drinking Water	\$	30.75
Water One, Inc.	Operating Supplies - Personnel, Drinking Water Cooler Rental	\$	22.50
Ziegler's Ace Hardware	Operating Supplies - December 2024	\$	382.47

TOTAL O&M FUND BILLS

\$ 102,056.75

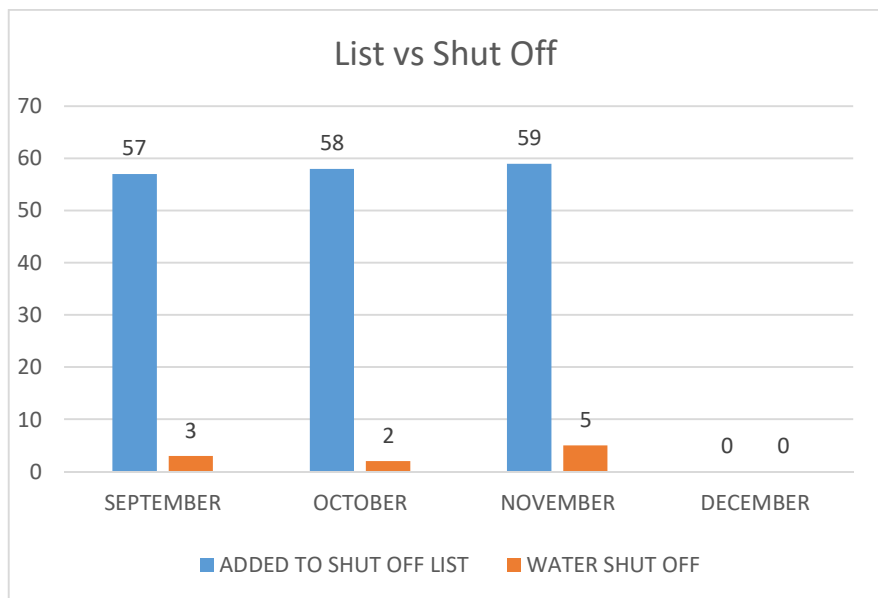
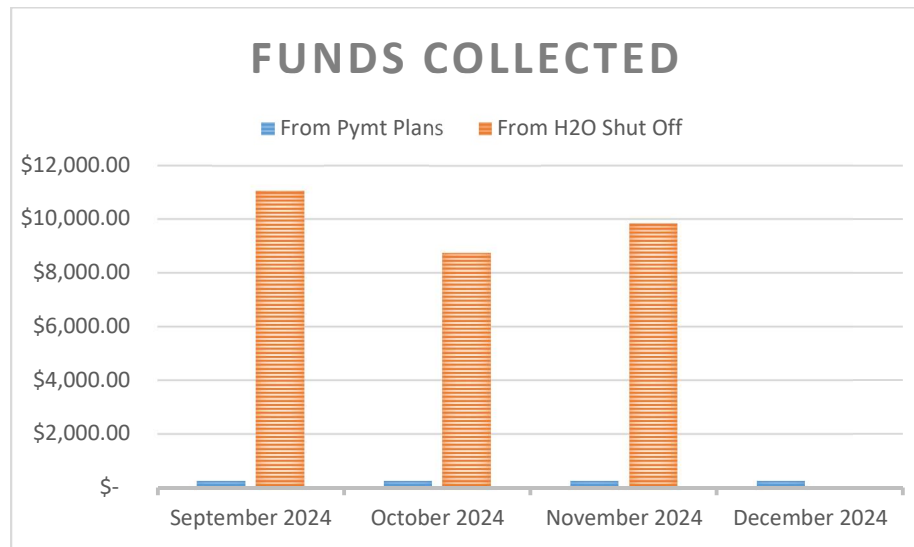
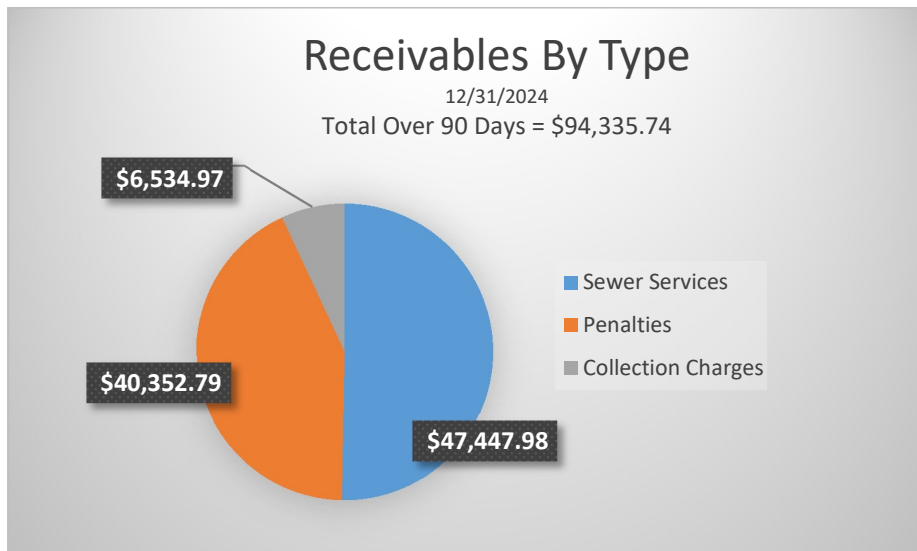
GRAND TOTAL OF ALL BILLS PRESENTED FOR APPROVAL IS **\$160,418.92** WHICH **\$23,773.61** IS FROM THE GOVERNMENTAL FUNDS, **\$136,645.31** IS FROM THE OPERATIONS AND MAINTENANCE FUNDS, **\$0.00** IS FROM THE CONSTRUCTION FUNDS, AND **\$0.00** IS FROM THE BOND AND INTEREST FUNDS.

Approved _____

President Reed

Accounts Receivable Analysis

December 2024



Monthly Shut Off Summary

<u>Lake in the Hills</u>	• None.
<u>Huntley</u>	• None.
<u>Crystal Lake</u>	• None.

MANAGER'S REPORT

Month of December 2024

Customers	CURRENT	12/MO TOTAL	Data for Dec 2023
Total accounts:	11,776		
New Customers:	1	3	2
Connections:	0	4	1
Permits Issued:	1	5	0
Permits Issued Past 13 Months:	5		
Total Permits Issued to Date:			
<i>Residential:</i>	10,124		
<i>Commercial:</i>	125		
<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
12/1/2024	4393 Rolling Hills Dr	grease blockage in main	yes

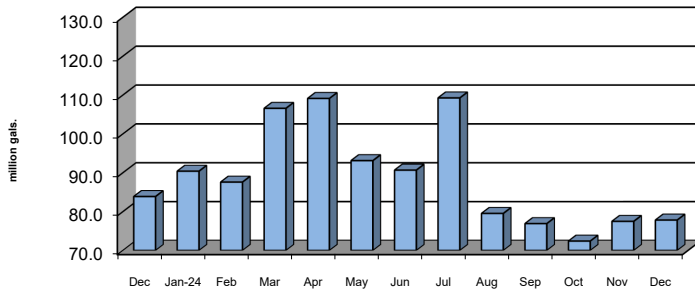
COLLECTION SYSTEM ACTIVITIES

Maintenance removed blockage and cleaned 350' of greasy sewer main.

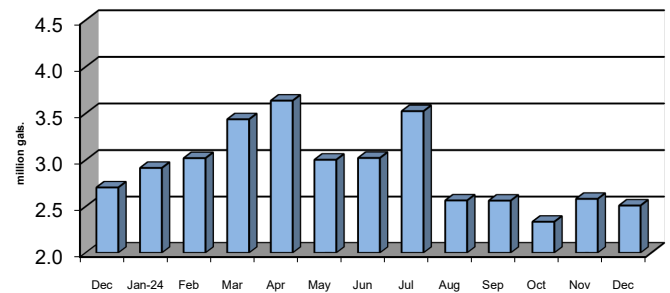
FLOWS

Total Effluent Flow for Month:	77.806	million gallons
Average Daily Flow:	2.510	mgd
Maximum Daily Flow:	2.823	mgd
Precipitation Total:	2.23	inches
Precipitation This Month Last Year:	2.74	inches
Septage Accepted:	424,043	gallons

Total Monthly Flows



Monthly Average Daily Flows



MANAGER'S MONTHLY REPORT

December 2024

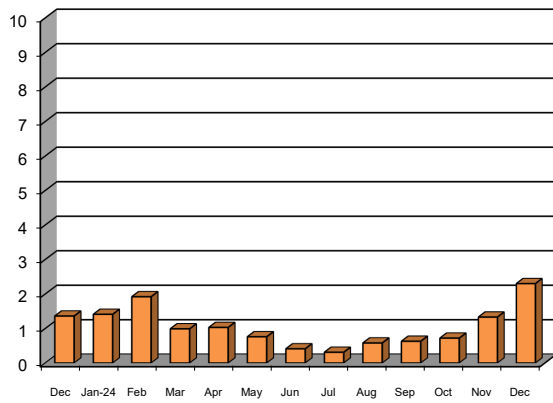
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TREATMENT PLANT OPERATIONS

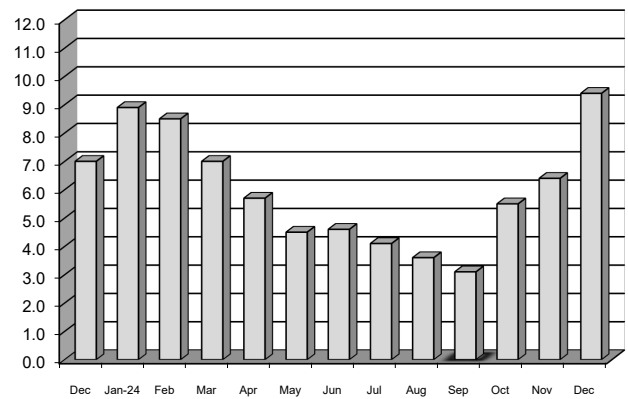
	<u>Average in</u>	<u>Average out</u>	<u>Average % reduction</u>
BOD/CBOD	247 mg/L	2.3 mg/L	99.1%
Total Suspended Solids:	526 mg/L	9.4 mg/L	98.2%
Ammonia Nitrogen:	16.5 mg/L	0.04 mg/L	99.7%
Phosphorus:		0.26 mg/L	
Fecal Coliform:		47.1 MPN	

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:	1.895 million gallons
Decanted:	0.210 million gallons
Thickened:	1.671 million gallons
To Digester:	0.897 million gallons
Pressed:	0.509 million gallons

PERSONNEL ACTIVITIES

Tamara was scheduled for a webinar on 12/5/24, but it was cancelled.

Respectfully submitted,

Tamara C. Mueller
District Manager



Date: January 14, 2025 **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: January 2025 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.
- c. Civiltech Engineering, Inc. will be acting as the Resident Engineer for the County
- d. Contractor has proposed a Design Change to the Stabilization, no other information has been provided.

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

- a. There is one outstanding Resident concern the District is still seeking resolution. It is recommended to hold the Contract retainage until these issues are resolved.
 - i. Visu-Sewer has been sent several communications indicating that the District needs resolution on this item, but no information has been provided.
 - ii. The District has asked to meet with the Resident to determine the Costs.
 - iii. A meeting will be requested with Visu-Sewer to relay the Costs the Resident has submitted.
 - iv. Potential action within the Contract (Agreement) may be taken.

3. Village Projects

- a. No updates at this time