



LAKE IN THE HILLS

SANITARY DISTRICT

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

**AGENDA
REGULAR MEETING
OF THE BOARD OF TRUSTEES
October 17, 2024
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

- A. Approval of pay increase of \$125 a month and promotion to Chief Operator of Kyle Caccamo.**
- B. Approval to increase clothing allowance for Operations and Maintenance employees from \$200 to \$500.**

Treasurer's Report

Approval of Bills

Grand total of all bills presented for approval 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.

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 Rescheduled Regular Meeting Minutes
September 30, 2024**

Roll Call:

The regular meeting was called to order by President Jessica Reed at 7:03pm 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, 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 Irsay, seconded by Trustee Reining, to approve the minutes of the Regular Board Meeting of August 15, 2024 as presented. On a roll call vote, President Reed and Trustees Irsay and Reining voted aye.

Public Comments:

None.

Presentation of AFR by GW & Associates:

A final copy of the Annual Financial Report (AFR) was prepared and presented. David Jelonek of GW & Associates attended the meeting via Zoom. He went through some of the pages of the AFR and provided some highlights.

Consent Agenda:

- A. Approval of Ordinance No. 427 - An Ordinance Abating the Taxes Levied for the Year 2024 to Pay General Obligation Bonds, Series 2014.
- B. Approval of Ordinance No. 428 – An Ordinance Abating a Portion of the Taxes Levied for the Lake in the Hills Sanitary District for Fiscal Year 2024-2025.
- C. Approval of Contractor’s Application for Payment No. 2 to Visu-Sewer in the amount of \$61,306.56 for the Lake in the Hills Sanitary District 2024 Sanitary Sewer Lining.

Motion was made by Trustee Irsay, seconded by Trustee Reining to approve the Consent Agenda as presented (Items A, B and C). On a roll call vote, President Reed and Trustees Irsay and Reining voted aye to approve Consent Agenda Items A through C and approve Ordinance Numbers 427 & 428 and release the payment to Visu-Sewer.

Specific Agenda:

- A. Approval of the Lake in the Hills Sanitary District Annual Financial Report for the Year Ended April 30, 2024, as presented by GW & Associates.

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 Annual Financial Report for the fiscal year ending April 30, 2024 as presented by GW & Associates.

**Lake in the Hills Sanitary District
Board of Trustees Rescheduled Regular Meeting Minutes
September 30, 2024**

B. Approval of the Annual Treasurer's Report for Fiscal Year 2023-2024.

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 Annual Treasurer's Report for fiscal year 2023-2024.

Treasurer's Report:

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

She stated that total expenses on the O&M report were quite a bit higher than usual; however, that is because we made a payment to Visu-Sewer in August of over \$368,000.00 for the sewer lining project. Otherwise, August was a very typical month.

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

Approval of Bills:

District Treasurer presented a list of bills for approval. She stated that, due to the postponement of the meeting, there were more bills that needed to be paid prior to the meeting. She also stated that Blu Petroleum has acquired the fuel division of PetroChoice, so we will see that name on the list of bills for fuel purchases going forward. She further highlighted some of the higher or unusual bills.

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 \$294,062.25 of which \$46,659.98 is from the Governmental Funds, \$187,402.27 is from the Operations and Maintenance Funds, \$60,000.00 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 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 August 2024 Manager's report and verbally provided some additional detail.

She highlighted the following items:

- August was a quiet month as there was only one emergency call. This was an odor complaint and was not our issue.
- There are 3 anchors in the seawall that hit our pipe. This is not the contractor's fault, as he placed them based on the locations we established. Two sections of pipe have already been repaired, and one still needs to be fixed. We will be getting more bills related to this project.
- We bought a new Gator for the lab tech and management to use. This item has been on the capital improvement project list for a while. The cost was \$30,634.06. John Deere gave us a discount for being a government entity.

**Lake in the Hills Sanitary District
Board of Trustees Rescheduled Regular Meeting Minutes
September 30, 2024**

Motion was made by Trustee Reining, seconded by Trustee Irsay, to approve the August 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 used the TV in the Board room to show pictures of the seawall. He highlighted areas of the seawall to show what a nice job the contractor did.

He further provided a written report and a verbal summary of some of the projects that they are currently working on.

These projects are as follows:

1. McHenry County Division of Transportation (MCDOT) Randall Road Project – This went to bid on August 2nd and it was awarded on September 16th. The contractor is a company created by combining Plote and Dunnet. The project was estimated at \$58m and was awarded at \$65m. The increase is primarily related to higher prices for concrete. We don’t yet have our pricing, but it should be received at the pre-con meeting on Thursday. We will have to pay 90% of the amount next month.
2. District Sanitary Sewer Lining – Pay app #2 was approved tonight. The contractor continues to work on the lateral grouting. The gutter that Visu-Sewer damaged has been repaired and they will pay Marc Kresmery directly for the light pole repair.
3. District Seawall – Shoreline Armor has completed the wall installation. Unfortunately, as the District Manager mentioned, there were some issues with the placement of the anchors. We now have the GPS data.
4. Village Projects – He has not heard anything from the Village on their projects. District Manager stated that they picked up the frames from us a while ago.

District Engineer further added that he attended a conference hosted by the Illinois Association of Wastewater Agencies and he provided a synopsis of some of the things that were discussed

Attorney’s Report:

None.

Unfinished Business:

None.

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 7:40pm.

**Lake in the Hills Sanitary District
Board of Trustees Rescheduled Regular Meeting Minutes
September 30, 2024**

Respectfully submitted,

KT

Karen Thompson,
District Clerk

APPROVED this _____ day of _____, 2024.

President Reed

Environmental Protection Agency

State of Illinois

Kyle Caccamo
(ID No. 283529999)

having fulfilled the requirements therefore, is hereby awarded this

*Certificate of Competency
as a Collection System
Wastewater Treatment Works Operator*

Issued 09/13/2024



A handwritten signature in blue ink, appearing to read 'C. Caccamo'.

James Jennings, Interim Director

LAKE IN THE HILLS SANITARY DISTRICT
MONTHLY TREASURER REPORT - O&M/SEWERAGE FUNDS
 Month of September, 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	1,593,092.40	1,455,610.26	1,433,488.14	
First National Bank - Depreciation Account	Construction	3,090,189.78	3,105,480.46	3,054,879.39	
First National Bank - Surplus Funds	Construction	11,133.54	27,364.56	18,229.23	
First National Bank - Bond & Interest Fund	Bond & Int	1,234,043.55	1,302,894.81	1,151,617.36	
First National Bank - Sinking Funds	Bond & Int	1,416,605.16	1,419,673.17	1,407,538.95	
Algonquin Bank & Trust - Cash Mgr	O&M	2,100,078.65	1,720,473.02	1,902,603.21	
Algonquin Bank & Trust - Operating	O&M	0.00	0.00	2,557.00	
Credit Cards		(1,381.23)	(1,053.62)	(2,454.85)	
TOTAL BEGINNING CASH AND INVESTMENTS		9,443,761.85	9,030,442.66	8,968,458.43	
SEWERAGE FUNDS					
		PRIOR MONTH	CURRENT MONTH	YTD	BUDGET
Revenues and Receipts					
Sewer Bill Income/User Charges		81,619.87	41,543.27	1,061,277.17	3,600,000.00
Septage Income		51,859.24	47,264.84	247,904.01	450,000.00
Wastewater Discharge Income		9,678.48	8,759.55	39,502.74	75,000.00
Customer Refunds		(136.80)	(55.87)	(1,404.25)	-
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		24,190.91	22,837.90	118,504.91	150,000.00
TOTAL REVENUES AND RECEIPTS		167,211.70	120,349.69	1,470,984.58	4,380,500.00
Expenditures					
PERSONNEL SERVICES					
District Personnel Salaries		60,587.63	62,719.13	304,405.01	760,000.00
ADMINISTRATIVE EXPENSES					
Telephone		152.42	152.42	760.49	3,000.00
Postage		779.98	5,621.74	13,230.29	30,500.00
Printing and Publications		-	-	562.22	2,000.00
Office Supplies		118.05	72.75	1,013.72	7,500.00
Billing and Collection Expenses		11,662.17	862.47	31,631.88	80,000.00
Professional Services		228.02	183.79	1,039.11	6,000.00
Training, Travel and Education		-	-	106.61	7,000.00
Computer Hardware, Software, and Support		970.40	680.40	8,239.25	30,000.00
Community Affairs		-	-	-	2,000.00
Medical and Life Insurance		27,017.89	27,017.89	135,089.45	350,000.00
		40,928.93	34,591.46	191,673.02	518,000.00
OPERATIONS AND MAINTENANCE					
Operating Supplies		3,337.39	66.52	14,627.46	60,000.00
Maintenance and Repair (Plant)		6,515.80	832.00	53,849.70	150,000.00
Maintenance and Repair (Collection Systems)		1,758.88	81.94	25,398.82	300,000.00

	PRIOR MONTH	CURRENT MONTH	YTD	BUDGET
Utilities and Energy	46,594.40	195.89	174,111.71	600,000.00
Grounds Upkeep	3,700.00	-	8,250.00	30,000.00
Gasoline/Oil	1,697.07	845.00	5,142.08	20,000.00
Computer and Support Services				2,000.00
Emergency Communications	1,057.41	509.06	4,526.30	20,000.00
Sludge Management	6,443.29	6,441.79	118,530.55	375,000.00
Professional Services	1,743.30	-	10,561.26	45,000.00
Residential Reimbursement	-	-	-	10,000.00
Compliance Requirements/Permits	-	-	25,500.00	30,000.00
GIS	-	-	-	10,000.00
	<u>72,847.54</u>	<u>8,972.20</u>	<u>440,497.88</u>	<u>1,652,000.00</u>
CAPITAL IMPROVEMENTS				
New Construction & Upgrades	368,962.92	-	373,902.92	1,500,000.00
Plant Equipment	-	-	-	500,000.00
Collection System	15,000.00	45,000.00	97,200.00	1,500,000.00
Vehicles	-	-	-	75,000.00
Legal Expense	-	-	-	5,000.00
Engineering Expense	23,278.00	-	38,738.00	200,000.00
Bond, Finance Consulting Expense	-	-	-	1,000.00
	<u>407,240.92</u>	<u>45,000.00</u>	<u>509,840.92</u>	<u>3,781,000.00</u>
BOND TRANSFERS				
Series 2014 Bond, Principal	-	-	-	125,000.00
Series 2014 Bond, Interest	-	-	-	90,000.00
Administration Fees - 2014 Series Bond	-	-	-	2,000.00
	<u>-</u>	<u>-</u>	<u>-</u>	<u>217,000.00</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>581,605.02</u>	<u>151,282.79</u>	<u>1,446,416.83</u>	<u>6,931,000.00</u>
EXCESS OF REVENUES OVER (UNDER) EXPENDITURES	<u>(414,393.32)</u>	<u>(30,933.10)</u>	<u>24,567.75</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	1,455,610.26	1,421,501.68	1,248,526.24
First National Bank - Depreciation Account	Construction	3,105,480.46	3,113,404.21	3,069,440.03
First National Bank - Surplus Funds	Construction	27,364.56	22,432.90	18,268.60
First National Bank - Bond & Interest Fund	Bond & Int	1,302,894.81	1,311,595.02	1,217,965.98
First National Bank - Sinking Fund	Bond & Int	1,419,673.17	1,422,648.65	1,410,587.33
Algonquin Bank & Trust - Cash Mgr.	O&M	1,720,473.02	1,693,231.91	1,933,787.80
Algonquin Bank & Trust - Operating	O&M	0.00	0.00	0.00
Credit Cards	O&M	(1,053.62)	(1,006.98)	(1,496.89)
TOTAL ENDING CASH AND INVESTMENTS		<u>9,030,442.66</u>	<u>8,983,807.39</u>	<u>8,897,079.09</u>
SEWERAGE FUNDS				

LAKE IN THE HILLS SANITARY DISTRICT
MONTHLY TREASURER REPORT - GOVERNMENTAL FUNDS
 Month of September, 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	\$ 1,469,742.50	\$ 1,454,576.61	\$ 1,300,317.07
Credit Cards	(79.00)	-	(543.96)
TOTAL BEGINNING CASH AND INVESTMENTS	<u>1,469,663.50</u>	<u>1,454,576.61</u>	<u>1,299,773.11</u>

	PRIOR MONTH	CURRENT MONTH	YTD	BUDGET
Revenues and Receipts				
Real Estate Taxes				
General Fund	8,817.78	99,608.15	230,862.41	236,000.00
Audit Fund	560.78	6,334.62	14,681.79	15,000.00
Chlorination Fund	373.98	4,224.57	9,791.29	10,000.00
Liability Insurance Fund	2,802.35	31,656.11	73,369.55	75,000.00
Social Security Fund	2,428.74	27,435.78	63,588.05	65,000.00
Revenue Recapture Fund	88.43	998.82	2,314.96	-
Retirement Fund	5,791.49	65,422.24	151,629.53	155,000.00
Replacement Taxes	113.44	-	1,401.38	-
Rebates, Refunds or Grants Received	-	-	2,452.00	-
Interest Income	3,153.18	3,271.23	15,283.16	1,000.00
TOTAL REVENUES AND RECEIPTS	<u>24,130.17</u>	<u>238,951.52</u>	<u>565,374.12</u>	<u>557,000.00</u>

Expenditures

GENERAL FUND

PERSONNEL SERVICES

Salaries of Trustees, Manager, Treasurer & Clerk	17,517.48	16,672.33	85,562.76	230,000.00
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CONTRACTUAL SERVICES

Professional Engineering	5,198.00	-	26,204.00	65,000.00
Legal Services	492.44	-	921.19	25,000.00
Other Professional Services	-	-	1,248.00	5,000.00
	<u>5,690.44</u>	<u>-</u>	<u>28,373.19</u>	<u>95,000.00</u>

ADMINISTRATIVE EXPENSES

Printing, Publications	-	-	635.34	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
	<u>-</u>	<u>-</u>	<u>1,662.12</u>	<u>17,000.00</u>

OPERATING EXPENSES

Building and Grounds Upkeep	-	-	2,706.50	15,000.00
Utilities	402.21	-	2,633.24	55,000.00
J.U.L.I.E.	-	-	-	3,000.00
Training and Education	216.00	47.00	1,053.00	3,000.00
Travel Expenses	-	4.00	24.00	2,000.00
Computer Hardware, Software & Support	54.00	1,278.46	1,634.96	7,000.00
	<u>672.21</u>	<u>1,329.46</u>	<u>8,051.70</u>	<u>85,000.00</u>

	PRIOR MONTH	CURRENT MONTH	YTD	BUDGET
CONTINGENT AND MISCELLANEOUS EXPENSES				
Not Otherwise Appropriated	-	-	-	1,000.00
	-	-	-	1,000.00
TOTAL GENERAL FUND	23,880.13	18,001.79	123,649.77	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	-	-	-	15,000.00
	-	-	-	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	5,975.04	6,073.46	29,832.54	80,000.00
IMRF FUND	9,361.89	9,269.22	45,436.86	155,000.00
OTHER EXPENDITURES (RECEIPTS)	-	-	-	-
TOTAL EXPENDITURES	39,217.06	39,758.07	211,377.17	888,000.00
EXCESS OF REVENUES OVER (UNDER) EXPENDITURES	(15,086.89)	199,193.45	353,996.95	(331,000.00)
Ending Cash and Investments				
First National Bank	\$ 1,454,576.61	\$ 1,654,992.02	\$ 1,267,148.58	
Credit Cards	-	(1,221.96)	(446.00)	
TOTAL ENDING CASH AND INVESTMENTS	1,454,576.61	1,653,770.06	1,266,702.58	

**LITH SANITARY DISTRICT
Bills Paid Prior To Meeting
October 17, 2024 Meeting Date**

Name	Memo	Amount
Governmental Funds		
TOTAL GOVERNMENTAL BILLS PAID PRIOR TO MEETING		\$ -
O & M Funds		
Verizon Wireless	Emergency Communications	\$ 399.30
TOTAL O & M BILLS PAID PRIOR TO MEETING		\$ 399.30

**LITH SANITARY DISTRICT
Recurring Bills
October 17, 2024 Meeting Date**

Name	Memo	Amount
Governmental Funds		
United States Treasury	District Pd Payroll Taxes (SS & Med)	\$ 6,073.46
Illinois Municipal Retirement Fund	Employer Portion of IMRF - August 2024	\$ 9,269.22
TOTAL GOVERNMENTAL RECURRING BILLS		\$ 15,342.68
O & M Funds		
Blue Cross Blue Shield	Medical Insurance Premiums (for September 2024)	\$ 25,456.69
First National Bank PayMaker/Bill.com	Pro Svs - PayMaker/ Bill.com	\$ 77.61
Humana	Specialty Insurance Premiums (for September 2024)	\$ 1,561.20
United States Postal Service	Postage - Mailing of QU Bills	\$ 5,621.74
Village of Lake in the Hills	Utilities - Water	\$ 195.89
TOTAL O & M RECURRING BILLS		\$ 32,913.13

Approved _____

President Reed

**LITH SANITARY DISTRICT - Governmental Fund
Bills Presented to Board for Approval
October 17, 2024 Meeting**

Name	Memo		
GOVERNMENTAL FUND BILLS			
Applied Technologies	Contractual Svs - Engineering	\$	5,992.00
First National Bank - Visa	Training & Ed, Computer Exp, Travel Exp	\$	1,538.46
McHenry County Recorder	Computer Exp - September 2024 Laredo	\$	50.00
NextEra Energy Services	Utilities - September 2024	\$	417.83
Shaw Suburban Media	Printing & Publications, Newspaper Subscription	\$	323.40
Storino, Ramello & Durkin	Contractual Svs - Legal, August 2024	\$	393.75
			8,715.44
TOTAL GOVERNMENTAL FUND BILLS			\$ 8,715.44

**LITH SANITARY DISTRICT - O&M/Sewerage Fund
Bills Presented to Board for Approval
October 17, 2024 Meeting**

Name	Memo		Amount
O & M BILLS			
Algonquin/LITH Fire Protection District	Training, Travel & Education - Staff CPR Training 9/26/24	\$	350.00
Applied Technologies	Engineering Exp - 2024 Sewer Lining CEI	\$	264.00
AutoZone, Inc.	Maint/Repair - Plant Vehicles, Oil Filter for Gator	\$	11.58
Calco, Ltd. Inc.	Operating Supplies - Lab	\$	300.00
Cintas Corporation #355	Operating Supplies - Personnel	\$	843.56
Consolidated Electrical Distributors, Inc	Maint/Repair - Plant, Cord Main Lift Pump #2	\$	74.24
Consolidated Electrical Distributors, Inc	Maint/Repair - Coll Sys, Pyott Lift Station	\$	153.12
Dynegy Energy Services	Utilities	\$	43,184.68
Emerald Coast Manufacturing	Maint/Repair - Plant, Sampler Parts	\$	994.69
Emerald Coast Manufacturing	Maint/Repair - Plant, Wave Refrigeration Module, Heater & Shipping	\$	2,118.76
Emerald Coast Manufacturing	Maint/Repair - Plant, Elec Assembly of I/O Processor SSD & Battery Backup, Shipping	\$	795.21
First Mobile Trust Inc	Collection Exp - Sept 2024	\$	442.71
First National Bank - Visa	Office Supplies, Oper Supplies, Pro Svs, Computer Exp, Telephone, Maint/Repair Plant	\$	1,993.68
Flood Brothers Disposal & Recycling Svs	Bldgs & Grounds - Oct 2024 Trash Svs	\$	376.54
Green Guerrilla LLC	Pro Svs & Upgrades - Weed Control	\$	800.00
Hawkins, Inc	Sludge Mgt - Aqua Hawk 1124 10/10/24	\$	6,486.59
Hawkins, Inc	Sludge Mgt - Aqua Hawk 1124 11/7/24	\$	6,486.59
Interstate All Battery Center	Maint/Repair - Plant	\$	135.00
J Barrett Co	Maint/Repair - Plant, Svs Call Bldg G	\$	5,635.45
J Barrett Co	Maint/Repair - Plant, Svs Call Car Wash Door	\$	642.00
LAI, Ltd.	Cap Imprvmnts - Plant Equipment - Immersible Motor, Grit Pump	\$	19,622.00
Logsdon Office Supply	Office Supplies	\$	204.17
Logsdon Office Supply	Office Supplies	\$	89.24
Marc Kresmery Construction	Maint/Repair - Coll Sys, 232 Indian Trl - Repaired damaged sewer main	\$	1,565.60
Marc Kresmery Construction	Maint/Repair - Coll Sys, 240 Indian Trl - Repaired damaged sewer main	\$	1,827.40
McMaster - Carr Supply Company, Inc.	Maint/Repair - Plant, Pump Flange Bit	\$	15.21
Metropolitan Industries	Maint/Repair - Plant, Pump - Inspection, New Seal & Oil Change	\$	1,150.00
Metropolitan Industries	Maint/Repair - Plant, Custom Fabricated Pump Table	\$	1,800.00
Microbac Laboratories Inc	Pro Svs - Lab, Gamma Emitting Radionuclides	\$	138.50
Mid-South Imaging LLC	Collection Expenses	\$	85.00
Midwest IT Pros	Computer Expenses - RMM	\$	400.00
RES Great Lakes LLC	Pro Svs & Upgrades - Turf to Prairie 2024 Maint	\$	620.00

RES Great Lakes LLC	Pro Svs & Upgrades - LITH Crystal Stream Bank	\$	400.00
Sievert Crane & Hoist	Pro Svs - Trouble Shooting Bldg B Crane Main Lift	\$	684.00
Storino Ramello & Durkin	Collection Exp - August 2024	\$	223.30
Synagro-WWT, Inc.	Sludge Mgt - September 2024	\$	11,033.75
TAS United	Emergency Communications	\$	110.00
TEKLAB, INC	Pro Svs - Lab 9/14/24	\$	321.60
TEKLAB, INC	Pro Svs - Lab 9/21/24	\$	162.40
TEKLAB, INC	Pro Svs - Lab 9/27/24	\$	162.40
TEKLAB, INC	Pro Svs - Lab 10/5/24	\$	162.40
The Home Depot	Operating Supplies - Small Tools, Wrench	\$	14.77
Third Millennium Associates, Inc.	Collection Exp - Bill Rendering	\$	3,122.46
USA BlueBook	Operating Supplies - Lab	\$	130.83
USA BlueBook	Maint/Repair - Plant, Replacement Screen for the Press Water Lines	\$	119.13
Warehouse Direct	Pro Svs - Copies	\$	15.23
Water One, Inc.	Operating Supplies - Personnel, Drinking Water	\$	72.75
Water One, Inc.	Operating Supplies - Personnel, Cooler Rental	\$	22.50
Water One, Inc.	Operating Supplies - Personnel, Cooler Rental	\$	22.50
Xylem Water Solutions U.S.A., Inc.	Cap Imprvmnts - Collection Sys, Submersible Pumps Decatur & Pyott Lift Stations	\$	90,658.00
Xylem Water Solutions U.S.A., Inc.	Maint/Repair - Coll Sys	\$	382.20
Ziegler's Ace Hardware	Operating Supplies	\$	739.07

TOTAL O&M FUND BILLS **\$ 208,164.81**

BOND & INTEREST BILLS

Bond Trust Services Corporation	Interest Due on 2014 GO Bonds	\$	44,993.75
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TOTAL BOND & INTEREST FUND BILLS **\$ 44,993.75**

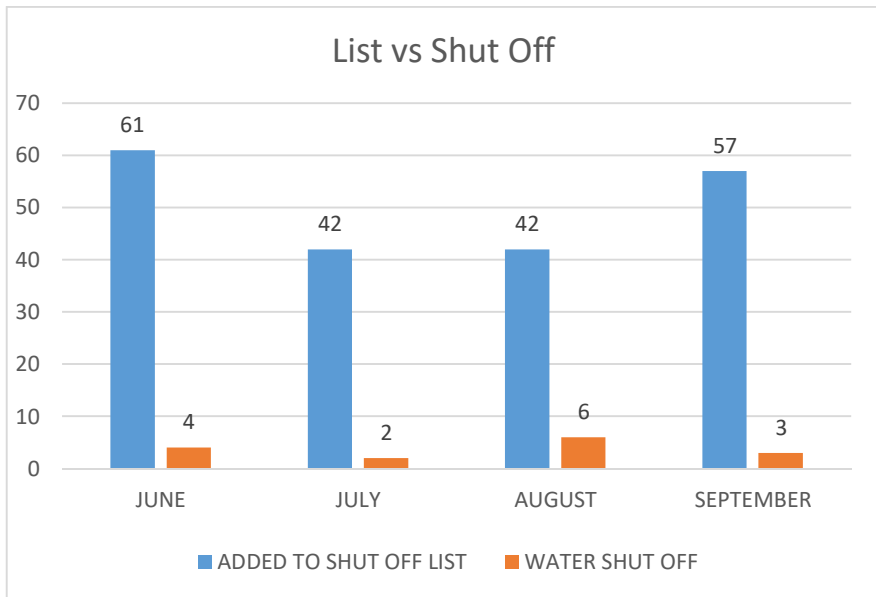
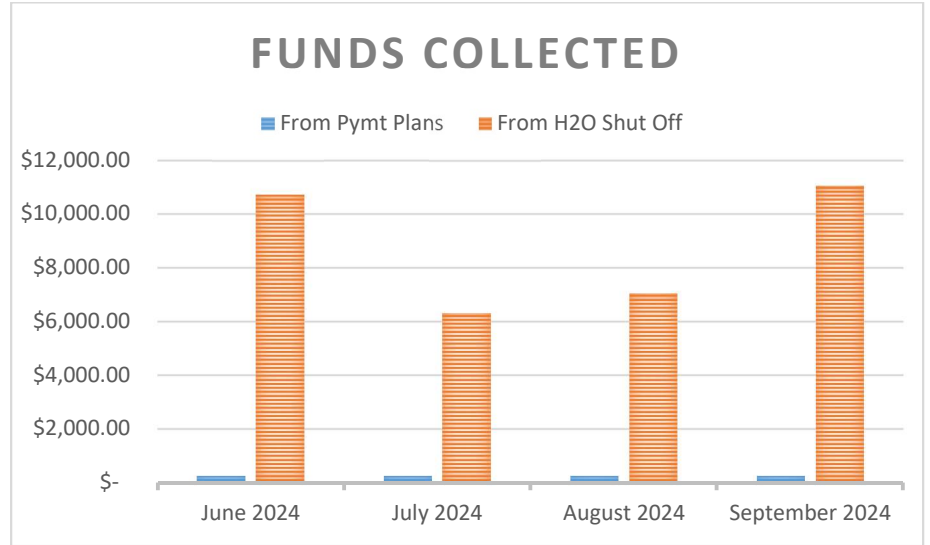
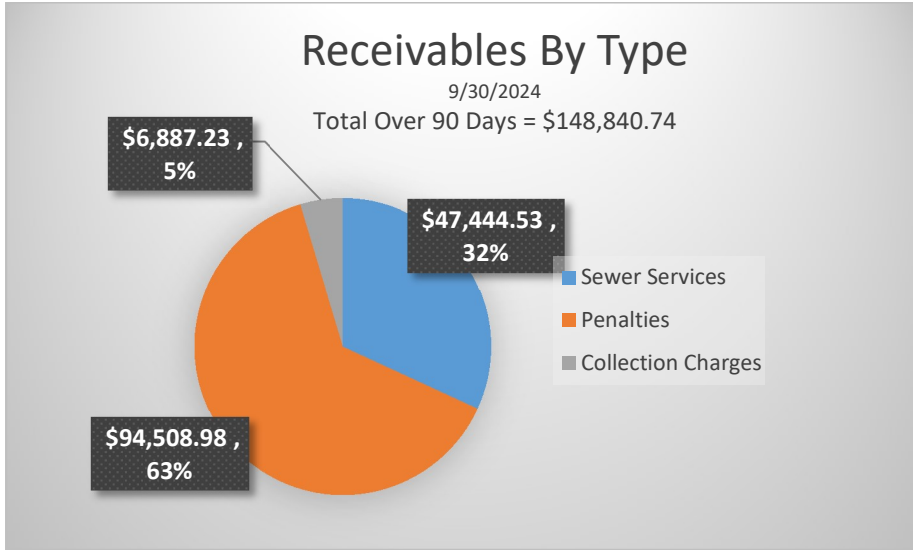
GRAND TOTAL OF ALL BILLS PRESENTED FOR APPROVAL IS \$310,529.11 WHICH \$24,058.12 IS FROM THE GOVERNMENTAL FUNDS, \$241,477.24 IS FROM THE OPERATIONS AND MAINTENANCE FUNDS, \$0.00 IS FROM THE CONSTRUCTION FUNDS, AND \$44,993.75 IS FROM THE BOND AND INTEREST FUNDS.

Approved _____

President Reed

Accounts Receivable Analysis

September 2024



Monthly Shut Off Summary

Lake in the Hills

- 3 Shut Offs – All pd in full post shut off.

Huntley

- None.

Crystal Lake

- None.

MANAGER'S REPORT

Month of September, 2024

Customers

	CURRENT	12/MO TOTAL	Data for Sep 2023
Total accounts:	11,774		
New Customers:	0	8	1
Connections:	0	6	0
Permits Issued:	0	4	1
Permits Issued Past 13 Months:	5		
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
None!			

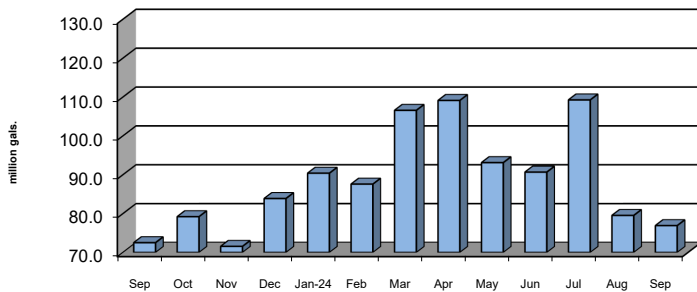
COLLECTION SYSTEM ACTIVITIES

Rene rehabbed two manholes.
Staff cleaned/root cut 1,733' of sewer.

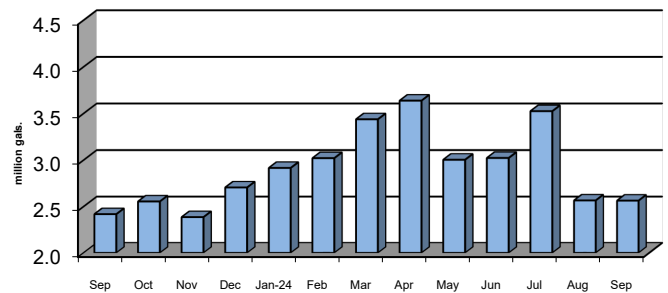
FLOWS

Total Effluent Flow for Month:	76.895	million gallons
Average Daily Flow:	2.563	mgd
Maximum Daily Flow:	2.746	mgd
Precipitation Total:	2.46	inches
Precipitation This Month Last Year:	5.05	inches
Septage Accepted:	678,792	gallons

Total Monthly Flows



Monthly Average Daily Flows



MANAGER'S MONTHLY REPORT

September 2024

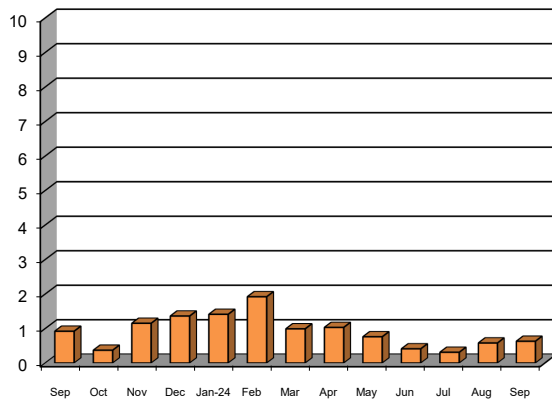
Page 2 of 2

TREATMENT PLANT OPERATIONS

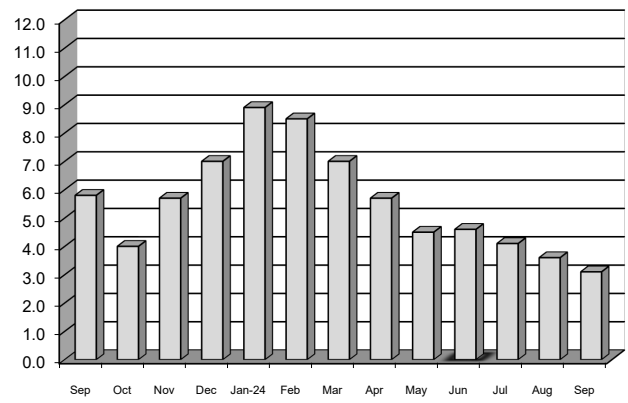
	<u>Average in</u>	<u>Average out</u>	<u>Average % reduction</u>
BOD/CBOD	227 mg/L	0.6 mg/L	99.7%
Total Suspended Solids:	457 mg/L	3.1 mg/L	99.3%
Ammonia Nitrogen:	16.4 mg/L	0.28 mg/L	98.3%
Phosphorus:		0.18 mg/L	
Fecal Coliform:		70.6 MPN	

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:	1.934 million gallons
Decanted:	0.156 million gallons
Thickened:	1.583 million gallons
To Digester:	0.767 million gallons
Pressed:	0.988 million gallons

PERSONNEL ACTIVITIES

Didi attended a Civic webinar on 9/10/24.
Staff renewed CPR/AED certification on 9/26/24.

Respectfully submitted,

Tamara C. Mueller
District Manager



Date: October 15, 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: October 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. A project Kickoff meeting was held on October 3rd, no schedule is available yet.

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

- a. Pay App No. 3 was submitted, but we have not received the inspection reports or videos, therefore the Pay Application was not presented to the Board this month.
- b. The Contractor should complete field operations this week.

3. District Seawall

- a. The Record Drawings were submitted to the Village.

4. Village Projects

- a. No update on the road project.