



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 19, 2023
7:00 p.m.**

REGULAR MEETING OF THE BOARD OF TRUSTEES

Pledge of Allegiance

Roll Call

Approval of the Minutes

Public Comments

Consent Agenda

- A. Approval of Task Order No. 23-01 in the amount of \$63,360 for the Sludge Storage Building Construction Engineering and Inspection.**

Specific Agenda

Treasurer's Report

Approval of Bills

Grand total of all bills presented for approval is \$116,683.49 of which \$40,492.89 is from the Governmental Funds, \$76,190.60 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

FVOA Operator of the Year – Mike Nelson

Engineer's Report

Attorney's Report

Unfinished Business

New Business

Adjournment

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

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 Ruzanski and seconded by Trustee Irsay to approve the List of Bills as presented. The total approved for payment is \$199,248.50 of which \$80,736.14 is from the Governmental Funds, \$118,512.36 is from the Operations and Maintenance Funds, \$0.00 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, 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 November 2022 Manager's report and provided a verbal summary.

There were four residential call outs in November and none of them were the District's issue. Trustee Ruzanski asked if we had additional information about these calls. District Manager provided detail. The District Manager further added that in December we had an issue with a manhole that was seeping. This was identified by a staff member while on her way into work. It was located just north of Ace Hardware and was from a grease blockage downstream. This has been reported to the IEPA.

We identified a possible illegal discharge or fuel spill as there was a strong diesel odor in our main lift. The police, fire, Village of Lake in the Hills and the IEPA were notified. All of our lab results came back fine. We are still waiting for the samples from the main lift to come back. We were able to trace the smell back to the industrial park, but we cannot pinpoint an exact location.

District Manager asked if anyone had any feedback on the proposed 2023 meeting dates she provided. If we leave it as is, Manager Mueller will be unable to attend the September 2023 meeting. The Assistant District Manager would then verbally provide the report on her behalf. The Board agreed to leave the dates as is.

The new truck will be picked up tomorrow. Manager Mueller stated that the District Attorney confirmed that we are able to purchase this vehicle outside of the competitive bidding process because the purchase is economically procurable only from a single source of supply as we finally found a truck that meets our needs from this one dealership.

District Manager further added that several District employees wanted to thank the Board for approving the end of year bonuses.

Motion was made by Trustee Irsay, seconded by Trustee Ruzanski, to approve the November 2022 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
December 15, 2022**

Pledge of Allegiance

Roll Call:

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

Also in attendance at the Sanitary District offices were District Manager Tamara Mueller, Assistant District Manager Mike Nelson, District Engineer Bob Doeringsfeld of Applied Technologies and District Treasurer/Clerk Karen Thompson. District Attorney Ann Williams of Storino, Ramello & Durkin attended the meeting by phone.

Approval of Minutes:

Motion was made by Trustee Ruzanski, seconded by Trustee Irsay to approve the minutes of the Regular Board Meeting of November 17, 2022 as presented. On a roll call vote, President Reed and Trustees Ruzanski & Irsay voted aye.

Public Comments:

None.

Consent Agenda:

- A. Approval of purchase of a 2022 Ford F-250 in the amount of \$51,304.24 after trade-in of District's 2007 Ford Expedition.

Motion was made by Trustee Irsay and seconded by Trustee Ruzanski to approve the Consent Agenda as presented (Item A). On a roll call vote, President Reed and Trustees Ruzanski and Irsay voted aye to approve the Consent Agenda as presented and approve the purchase of a 2022 Ford F-250 in the amount of \$51,304.24.

Specific Agenda:

None.

Treasurer's Report:

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

Motion was made by Trustee Ruzanski and seconded by Trustee Irsay to approve the November 2022 Treasurer's reports 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
December 15, 2022**

Engineer's Report:

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

These items are as follows:

1. Front Entrance Drive Reconstruction – The contractor has not requested final payment at this time.
2. Barium Discharge Limits – They continue to work on a local limit. There was also an issue with Huntley where they had a valve failure this month and discharged over 700,000 gallons of water to us. It wasn't high in barium, but was just a large amount of water.
3. Task Order 22-02 Sludge Storage Building Modifications –The preconstruction conference is scheduled for December 21, 2022. The scheduled start of construction is the 2nd week of January 2023. We hope to get a schedule from the contractor at the preconstruction meeting. We did receive the IEPA construction permit.
4. McHenry County Division of Transportation (MCDOT) Randall Road Project – We have not received any updates.
5. Lake in the Hills Master Water/Sewer Plan – No updates.
6. Smoke Testing of Lake Lines – We are requesting permit requirements from the Village to work along the shore of the lake. This project would proceed next winter when the water in the lake is lowered.
7. Development – They did a quick review of a proposed Starbucks near Algonquin and Lakewood Roads.

Attorney's Report:

None.

Unfinished Business:

None.

New Business:

None.

Adjournment:

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

The meeting was adjourned at 7:23pm.

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

Respectfully Submitted,



Karen Thompson,
District Clerk

APPROVED this _____ day of _____, 2023.

Trustee Ruzanski

Lake in the Hills Sanitary District TASK ORDER No. 23-01

Date: January 11, 2023 **Project No.:** TBD **LITHSD District Manager:** Tamara Mueller

Project Name: Sludge Storage Building Construction Engineering and Inspection

ATI Point(s) of Contact: Bob Doeringsfeld

Project Description: Provide construction engineering, contract administration, and inspection for the repair and reconstruction of the Sludge Storage Building Modifications for the Lake in the Hills Sanitary District Facility. Project award to Martam Construction in the amount of \$992,970 with construction activities scheduled through June 9th, 2023

Scope of Services/Schedule: Engineering Services within Task Order No. 23-01 include contract administration, site visits and construction observation, submittal review, request for information responses, and applications for payment. The scope of services shall include the following tasks:

1. Construction Contract Administration and Progress Meetings
2. Design Clarifications and Field Orders
3. Change Order Processing
4. Submittal Reviews
5. Request for Information Responses
6. Applications for Payment
7. Record Drawings
8. Resident Engineer – Contract Administration & Site Visits
9. Resident Project Representative

Compensation: The Total Compensation for this Task Order is \$63,360 and is broken down into the following sub tasks:

Resident Engineer – Contract Administration & Site Visits (86 hrs)	\$13,800
Resident Project Representative – Construction Observation (420 hrs))	\$49,560
Total	\$63,360

PROJECT APPROVAL

Applied Technologies, Inc.



Signature:

Printed Name: Robert Doeringsfeld

Title: Project Manager

Date: January 11, 2023

Accepted by Lake in the Hills Sanitary District

Signature:

Printed Name:

Title:

Date:

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

		BANK BALS AT BEGINNING OF PRIOR MONTH	BANK BALS AT BEGINNING OF THE CURRENT MONTH	BANK BALS AT THE BEGINNING OF THE FY	
Beginning Cash and Investments					
First National Bank - O & M Account	O&M	579,263.79	530,253.96	1,083,680.95	
First National Bank - Certificate Fund	Bond & Int	CLOSED	CLOSED	37,516.54	
First National Bank - Depreciation Account	Construction	2,803,748.98	2,835,394.48	2,740,847.71	
First National Bank - Surplus Funds	Construction	132,005.87	132,222.05	23,994.73	
First National Bank - Bond & Interest Fund	Bond & Int	932,573.98	994,195.50	836,953.89	
First National Bank - Sinking Funds	Bond & Int	1,336,504.29	1,352,855.02	1,244,940.58	
Algonquin Bank & Trust - Cash Mgr	O&M	1,634,636.36	1,664,541.63	1,873,882.90	
Algonquin Bank & Trust - Operating	O&M	443.00	72.00	1,468.00	
Credit Cards		(1,121.51)	(702.35)	(875.73)	
TOTAL BEGINNING CASH AND INVESTMENTS		7,418,054.76	7,508,832.29	7,842,409.57	
SEWERAGE FUNDS					
		PRIOR MONTH	CURRENT MONTH	YTD	BUDGET
Revenues and Receipts					
Sewer Bill Income/User Charges		126,923.39	66,788.81	1,916,379.48	3,600,000.00
Septage Income		67,200.06	22,427.40	264,340.68	350,000.00
Wastewater Discharge Income		5,125.59	5,159.57	39,522.76	65,000.00
Customer Refunds		(399.07)	(25.05)	(10,861.41)	-
Connection/Tap-On Fees		20,800.00	-	57,200.00	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		-	-	3,063.56	-
Interest Income		11,867.13	14,002.56	53,538.69	5,000.00
TOTAL REVENUES AND RECEIPTS		231,517.10	108,353.29	2,323,183.76	4,125,500.00
Expenditures					
PERSONNEL SERVICES					
District Personnel Salaries		49,053.61	71,113.30	434,461.21	700,000.00
ADMINISTRATIVE EXPENSES					
Telephone		199.08	214.19	1,629.98	3,000.00
Postage		929.06	4,851.67	16,421.41	20,000.00
Printing and Publications		-	-	-	2,000.00
Office Supplies		456.69	1,082.27	4,805.25	7,500.00
Billing and Collection Expenses		2,833.23	1,571.56	32,830.81	75,000.00
Professional Services		211.23	200.03	2,018.11	5,000.00
Training, Travel and Education		-	-	1,098.78	7,000.00
Computer Hardware, Software, and Support		925.01	778.88	10,427.21	25,000.00
Community Affairs		-	-	60.47	2,000.00
Medical and Life Insurance		21,279.39	21,279.39	167,891.02	275,000.00
		26,833.69	29,977.99	237,183.04	421,500.00
OPERATIONS AND MAINTENANCE					
Operating Supplies		3,116.98	4,002.79	25,889.89	60,000.00
Maintenance and Repair (Plant)		14,379.90	2,708.61	43,667.73	150,000.00
Maintenance and Repair (Collection Systems)		116.39	4,825.00	75,067.25	300,000.00
Utilities and Energy		12,363.77	12,481.35	137,860.86	400,000.00
Grounds Upkeep		1,200.00	300.00	14,445.92	30,000.00

	PRIOR MONTH	CURRENT MONTH	YTD	BUDGET
Gasoline/Oil	733.73	509.14	11,059.05	20,000.00
Computer and Support Services	-	-	-	2,000.00
Emergency Communications	498.94	1,137.90	7,416.49	40,000.00
Sludge Management	8,400.00	18,000.00	205,851.52	225,000.00
Professional Services	3,189.96	1,034.20	26,865.91	35,000.00
Residential Reimbursement	-	-	3,549.45	10,000.00
Compliance Requirements/Permits	-	-	20,000.00	30,000.00
GIS	-	-	-	10,000.00
	<u>43,999.67</u>	<u>44,998.99</u>	<u>571,674.07</u>	<u>1,312,000.00</u>
CAPITAL IMPROVEMENTS				
New Construction	13,010.00	-	256,231.47	1,500,000.00
Plant Equipment	-	-	195,658.19	500,000.00
Collection System	-	-	99,586.00	500,000.00
Vehicles	-	51,304.24	152,659.24	175,000.00
Legal Expense	-	-	-	5,000.00
Engineering Expense	6,762.00	936.00	60,725.00	200,000.00
Bond, Finance Consulting Expense	-	-	-	1,000.00
	<u>19,772.00</u>	<u>52,240.24</u>	<u>764,859.90</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
Series 2014 Bond, Interest	-	-	49,893.75	100,000.00
Administration Fees - 2014 Series Bond	850.00	-	850.00	2,000.00
	<u>850.00</u>	<u>-</u>	<u>50,743.75</u>	<u>222,000.00</u>
CONTINGENT AND MISCELLANEOUS EXPENSES				
Not Otherwise Appropriated	-	-	-	3,000.00
	<u>-</u>	<u>-</u>	<u>-</u>	<u>3,000.00</u>
TOTAL EXPENDITURES	<u>140,508.97</u>	<u>198,330.52</u>	<u>2,753,977.44</u>	<u>6,236,500.00</u>
EXCESS OF REVENUES OVER (UNDER) EXPENDITURES	<u>91,008.13</u>	<u>(89,977.23)</u>	<u>(430,793.68)</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	530,253.96	370,334.94	697,702.92
First National Bank - Certificate Fund	Bond & Int	CLOSED	CLOSED	708,083.29
First National Bank - Depreciation Account	Construction	2,835,394.48	2,841,611.41	2,749,254.33
First National Bank - Surplus Funds	Construction	132,222.05	132,419.12	5,175.26
First National Bank - Bond & Interest Fund	Bond & Int	994,195.50	1,005,900.73	902,982.83
First National Bank - Sinking Fund	Bond & Int	1,352,855.02	1,369,633.72	1,259,762.88
Algonquin Bank & Trust - Cash Mgr.	O&M	1,664,541.63	1,680,645.08	1,230,076.74
Algonquin Bank & Trust - Operating	O&M	72.00	72.00	397.00
Credit Cards	O&M	(702.35)	(3,442.60)	(2,222.08)
TOTAL ENDING CASH AND INVESTMENTS		<u>7,508,832.29</u>	<u>7,397,174.40</u>	<u>7,551,213.17</u>
SEWERAGE FUNDS				

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

	BANK BAL AT BEGINNING OF PRIOR MONTH	BANK BAL AT BEGINNING OF THE CURRENT MONTH	BANK BAL AT THE BEGINNING OF THE FY
Beginning Cash and Investments			
First National Bank	\$ 1,644,849.34	\$ 1,509,551.09	\$ 1,217,089.48
Credit Cards	(337.54)	-	-
TOTAL BEGINNING CASH AND INVESTMENTS	1,644,511.80	1,509,551.09	1,217,089.48

	PRIOR MONTH	CURRENT MONTH	YTD	BUDGET
Revenues and Receipts				
Real Estate Taxes				
General Fund	2,219.64	-	354,543.59	355,000.00
Audit Fund	75.09	-	11,988.10	12,000.00
Chlorination Fund	0.11	-	17.20	10.00
Liability Insurance Fund	468.94	-	74,904.75	75,000.00
Social Security Fund	406.45	-	64,923.27	65,000.00
Revenue Recapture Fund	4.01	-	636.66	-
Retirement Fund	969.13	-	154,800.24	155,000.00
Replacement Taxes	-	412.67	4,014.80	-
Rebates, Refunds or Grants Received	-	-	2,413.00	-
Interest Income	1,906.74	2,223.25	7,818.09	1,000.00
TOTAL REVENUES AND RECEIPTS	6,050.11	2,635.92	676,059.70	663,010.00

Expenditures

GENERAL FUND

PERSONNEL SERVICES

Salaries of Trustees, Manager, Treasurer & Clerk	16,234.53	20,357.52	131,480.14	210,000.00
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CONTRACTUAL SERVICES

Professional Engineering	3,318.00	4,210.00	20,302.00	65,000.00
Legal Services	641.25	227.50	4,234.05	25,000.00
Other Professional Services	-	-	580.00	5,000.00
	3,959.25	4,437.50	25,116.05	95,000.00

ADMINISTRATIVE EXPENSES

Printing, Publications	-	-	2,383.40	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	60.00	-	70.00	4,000.00
	60.00	-	5,790.90	17,000.00

OPERATING EXPENSES

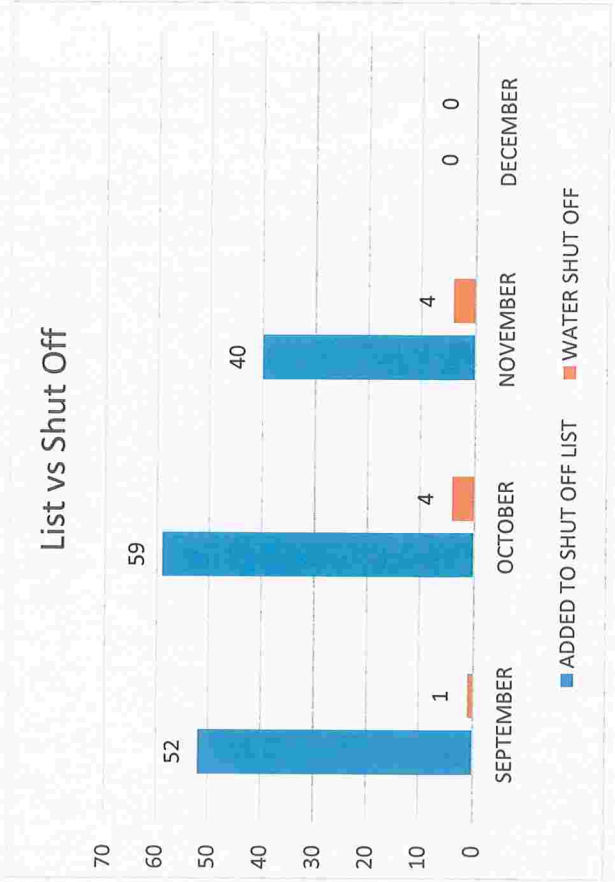
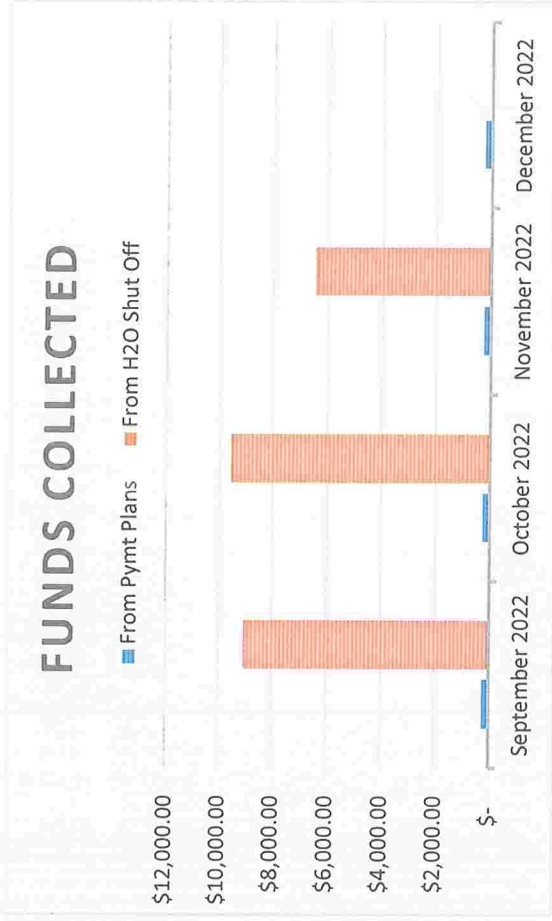
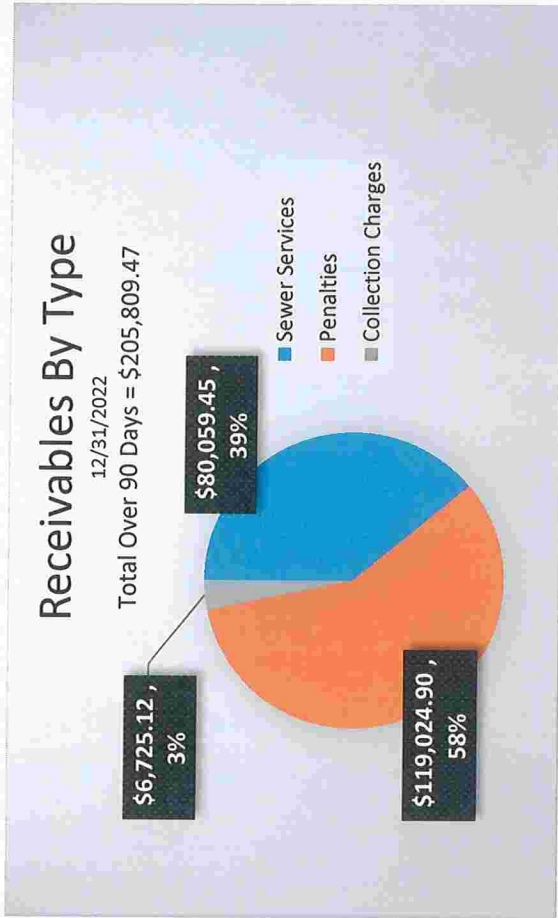
Building and Grounds Upkeep	925.00	-	4,353.99	15,000.00
Utilities	1,951.32	4,281.32	12,247.64	40,000.00
J.U.L.I.E.	-	-	-	3,000.00
Training and Education	-	-	200.00	3,000.00
Travel Expenses	-	-	-	2,000.00
Computer Hardware, Software & Support	675.00	-	1,562.54	7,000.00
	3,551.32	4,281.32	18,364.17	70,000.00

	PRIOR MONTH	CURRENT MONTH	YTD	BUDGET
CONTINGENT AND MISCELLANEOUS EXPENSES				
Not Otherwise Appropriated	93.00	-	243.00	1,000.00
	93.00	-	243.00	1,000.00
TOTAL GENERAL FUND	23,898.10	29,076.34	180,994.26	393,000.00
CHLORINATION FUND	5,673.40	4,358.00	24,569.18	35,000.00
	5,673.40	4,358.00	24,569.18	35,000.00
AUDIT FUND	-	12,750.00	12,750.00	15,000.00
	-	12,750.00	12,750.00	15,000.00
PUBLIC LIABILITY INSURANCE FUND				
Workers' Compensation	-	4,471.00	12,921.00	30,000.00
Administrative Fee	-	134.00	388.00	1,000.00
Property	34,794.00	-	34,794.00	45,000.00
Vehicles	9,321.00	-	9,321.00	15,000.00
General Liability	50,168.00	-	50,168.00	74,000.00
	94,283.00	4,605.00	107,592.00	165,000.00
SOCIAL SECURITY FUND	4,994.52	6,997.52	43,294.50	70,000.00
IMRF FUND	9,561.80	13,486.62	83,035.71	155,000.00
OTHER EXPENDITURES (RECEIPTS)	-	-	-	-
TOTAL EXPENDITURES	138,410.82	71,273.48	452,235.65	833,000.00
EXCESS OF REVENUES OVER (UNDER) EXPENDITURES	(132,360.71)	(68,637.56)	223,824.05	(169,990.00)

	BANK BAL AT END OF THE PRIOR MONTH	BANK BAL AT END OF THE CURRENT MONTH	BANK BALANCE AT THE END OF MAY
Ending Cash and Investments			
First National Bank	\$ 1,509,551.09	\$ 1,440,913.53	\$ 1,232,842.78
Credit Cards	-	-	-
TOTAL ENDING CASH AND INVESTMENTS	1,509,551.09	1,440,913.53	1,232,842.78

Accounts Receivable Analysis

December 2022



Monthly Shut Off Summary

Lake in the Hills

- None.

Huntley

- None.

Crystal Lake

- None.

**LITH SANITARY DISTRICT
Bills Paid Prior To Meeting
January 19, 2023 Meeting Date**

Name	Memo	Amount
Governmental Funds		
NONE		
TOTAL GOVERNMENTAL BILLS PAID PRIOR TO MEETING		\$ -
O & M Funds		
Flood Brothers	Bldg & Grounds - Jan 2023 Trash Svs	\$ 361.92
TAS United	Emergency Communications	\$ 100.00
United States Postal Service	Postage - 1st Class & Postcard Stamps	\$ 148.00
Verizon Wireless	Emergency Communications	\$ 398.16
TOTAL O & M BILLS PAID PRIOR TO MEETING		\$ 1,008.08

**LITH SANITARY DISTRICT
Recurring Bills
January 19, 2023 Meeting Date**

Name	Memo	Amount
Governmental Funds		
United States Treasury	District Pd Payroll Taxes (SS & Med)	\$ 6,997.52
Illinois Municipal Retirement Fund	Employer Portion of IMRF-November 2022	\$ 13,486.62
TOTAL GOVERNMENTAL RECURRING BILLS		\$ 20,484.14
O & M Funds		
Blue Cross Blue Shield	Medical Insurance Premiums (for December 2022)	\$ 19,910.92
First National Bank PayMaker/Bill.com	Pro Svs - PayMaker/ Bill.com (for November 2022 payments)	\$ 67.79
Humana	Specialty Insurance Premiums (for November 2022)	\$ 1,368.47
United States Postal Service	Postage - Mailing of Quarterly Bills	\$ 4,851.67
TOTAL O & M RECURRING BILLS		\$ 26,198.85

Approved _____

Trustee Ruzanski

**LITH SANITARY DISTRICT - Governmental Fund
Bills Presented to Board for Approval
January 19, 2023 Meeting**

Name	Memo		
GOVERNMENTAL FUND BILLS			
Applied Technologies	Contractual Svs - Engineering	\$	1,248.00
Hawkins Inc	Chlorination - Alum Sulfate	\$	2,575.40
Hawkins Inc	Chlorination - Alum Sulfate	\$	2,600.40
Hawkins Inc	Chlorination - Alum Sulfate	\$	1,595.00
IGFOA	Memberships & Dues - K Thompson	\$	300.00
Shaw Suburban Media Group	Printing & Publications - 2023 Meeting Dates	\$	70.44
Storino Ramello & Durkin	Contractual Svs - Legal November 2022	\$	767.50
Vanguard Energy Services	Utilities - Nat Gas	\$	10,852.01
TOTAL GOVERNMENTAL FUND BILLS			\$ 20,008.75

**LITH SANITARY DISTRICT - O&M/Sewerage Fund
Bills Presented to Board for Approval
January 19, 2023 Meeting**

Name	Memo		Amount
O & M BILLS			
Applied Technologies Inc	Engineering Task Order 22-02 Sludge Storage Bldg Modifications	\$	1,476.00
Botts Welding & Truck Service, Inc.	Maint/Repair - Plant Vehicles, Rebuild Hydraulic Cylinder End Loader Arm	\$	2,542.00
Calco Ltd	Oper Supplies - Lab	\$	129.00
Cintas Corporation #355	Operating Supplies - Personnel, December 2022	\$	653.75
Civic Systems LLC	Computer Exp - Semi Ann Software Support Fees	\$	3,476.00
Constellation New Energy Inc	Utilities - Concord	\$	699.40
Constellation New Energy Inc	Utilities - Meadowbrook	\$	227.29
Constellation New Energy Inc	Utilities - Plant	\$	14,179.79
Constellation New Energy Inc	Utilities - Beach	\$	50.24
Constellation New Energy Inc	Utilities - Decatur	\$	1,427.37
Constellation New Energy Inc	Utilities - Dam	\$	256.25
Constellation New Energy Inc	Utilities - Pyott	\$	238.46
First National Bank of Omaha - Visa	M&R Vehicles & Plant, Pro Svs Office Supp, Op Supp Safety, Computer, Telephone	\$	3,442.60
Hach Company	Operating Supplies - Lab	\$	952.07
Hach Company	Operating Supplies - Lab	\$	39.18
Hawkins, Inc	Sludge Mgt - Aqua Hawk 1108	\$	4,996.45
Interstate All Battery Center	Maint/Repair - Vehicles	\$	166.85
Logsdon Office Supply	Office Supplies	\$	196.08
Logsdon Office Supply	Office Supplies	\$	131.99
McHenry County Recorder	Collection Expenses December 2022	\$	3.50
Metropolitan Industries, Inc.	Emergency Communications - Metro Cloud	\$	445.00
Mid-South Imaging LLC	Collections Expenses - Electronic Processing of Bank Bill Pays	\$	85.00
PetroChoice LLC	Gas/Fuel	\$	553.91
Sievert Crane & Hoist	Pro Svs - Annual Inspections of Hoists, Crane, Harnesses, Retrieval System	\$	1,252.50
Sigma-Aldrich Inc	Operating Supplies - Lab	\$	202.87
Technology Masters Inc	Computer Exp - Restore Deleted File	\$	32.25
Technology Masters Inc	Computer Exp - Maintenance, Email Settings	\$	989.00

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	\$	123.00
TEKLAB, INC	Pro Svs - Lab	\$	295.20
Third Millennium Associates, Inc.	Collection Expenses - Rendering of Quarterly Bills	\$	2,894.38
Third Millennium Associates, Inc.	Collection Expenses - Rendering of Past Due Notices (11/9/22)	\$	767.72
Velodyne Systems	Maint/Repair - Plant	\$	4,452.61
Warehouse Direct	Pro Svs - Copies	\$	18.21
Water One, Inc.	Operating Supplies - Personnel, Drinking Water Equip Rental	\$	22.50
Ziegler's Ace Hardware	Operating Supplies	\$	974.05

TOTAL O&M FUND BILLS

\$ 48,983.67

GRAND TOTAL OF ALL BILLS PRESENTED FOR APPROVAL IS \$116,683.49 OF WHICH \$40,492.89 IS FROM THE GOVERNMENTAL FUNDS, \$76,190.60 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 _____

Trustee Ruzanski

MANAGER'S REPORT

Month of December, 2022

Customers

	CURRENT	12/MO TOTAL	Data for Dec 2021
Total accounts:	11,757		
New Customers:	0	10	0
Connections:	3	14	0
Permits Issued:	1	14	1
Permits Issued Past 13 Months:	15		
Total Permits Issued to Date:			
<i>Residential:</i>	10,119		
<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
12/23/2022	636 Joseph Street	frozen pipes	no
12/31/2022	3061 Brisbane	basement back up	yes

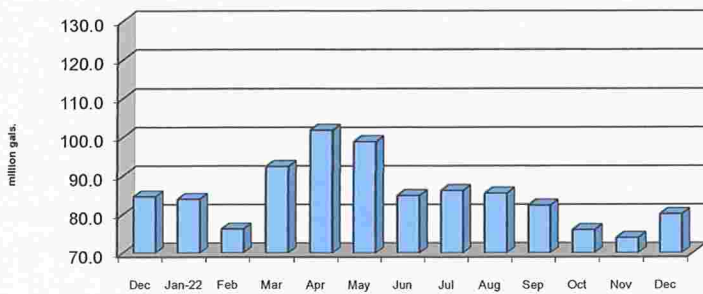
COLLECTION SYSTEM ACTIVITIES

Staff televised and/or cleaned 750' of sewer main.

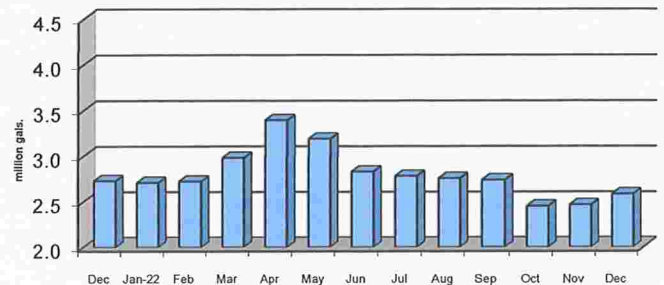
FLOWS

Total Effluent Flow for Month:	80.078	million gallons
Average Daily Flow:	2.583	mgd
Maximum Daily Flow:	3.784	mgd
Precipitation Total:	3.50	inches
Precipitation This Month Last Year:	3.01	inches
Septage Accepted:	412,614	gallons

Total Monthly Flows



Monthly Average Daily Flows



MANAGER'S MONTHLY REPORT

December 2022

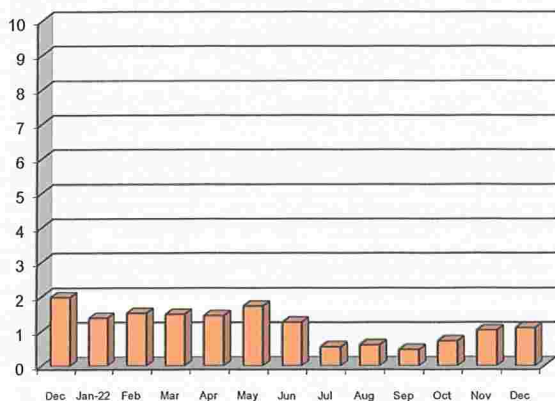
Page 2 of 2

TREATMENT PLANT OPERATIONS

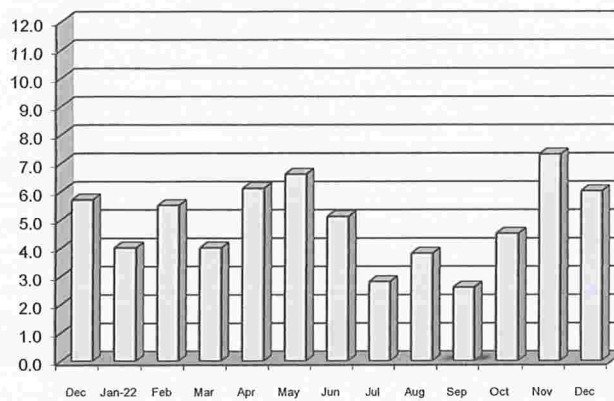
	<u>Average in</u>	<u>Average out</u>	<u>Average % reduction</u>
BOD/CBOD	231 mg/L	1.1 mg/L	99.5%
Total Suspended Solids:	388 mg/L	6.0 mg/L	98.5%
Ammonia Nitrogen:	21.1 mg/L	0.1 mg/L	99.5%
Phosphorus:		0.14 mg/L	
Fecal Coliform:		152 MPN	

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:	1.976 million gallons
Decanted:	0.117 million gallons
Thickened:	1.926 million gallons
To Digester:	0.932 million gallons
Pressed:	0.045 million gallons

PERSONNEL ACTIVITIES

Staff attended Harassment Prevention Training on 12/13/22.

Respectfully submitted,

Tamara C. Mueller
District Manager



Date: January 17, 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: January 2023 District Engineer's Report
Cc: Karen Thompson – District Clerk/Treasurer

1. Front Entrance Drive Reconstruction

- a. The Contractor has not requested Final payment at this time. (No Change)

2. Barium Discharge Limits

- a. Requests for the following information will be made to Huntley & Lake in the Hills:
 - i. Raw Water Barium Concentration results for all of 2022.
 - ii. Total Water volume from wells containing Barium.
 - iii. Preliminary approach is to establish a Local Limit of 2 mg/L, matching District NPDES Permit.

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

- a. Preconstruction Conference held December 21, 2022.
- b. Construction started January 9th, 2023
- c. Demolition of existing walls and floor underway.
- d. Project Progress Meeting scheduled for January 23, 2023.
- e. Construction completion scheduled for early June 2023

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

- a. County DOT project possibly affects 4,000 feet of District sewer.
- b. Preliminary cost estimate to move the sewer around \$4,000,000.
- c. Progress meeting was held on January 17, 2023. (meeting update will be given at the Board Meeting)
- d. Monthly meetings anticipated.

5. Lake in the Hills Master Water/Sewer Plan

- a. No update at this time.