

# 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 August 20, 2020 7:00 p.m.

#### REGULAR MEETING OF THE BOARD OF TRUSTEES

#### Roll Call

**Approval of the Minutes** 

#### **Public Comments**

#### **Consent Agenda**

- A. Approval of the Amended Final Plat of the Resubdivision of Melody Living.
- B. Approval of Ordinance No. 405 "An Ordinance Levying Taxes for the Lake in the Hills Sanitary District for Fiscal Year 2020-2021."
- C. Approval of Application and Certificate for Payment No. 3 in the amount of \$111,079.91 to Martam Construction for the Hagele Beach Lift Station Project.

#### Specific Agenda

#### Treasurer's Report

**Draft Annual Treasurer's Report** 

#### Approval of the Bills

Grand total of all bills presented for approval is \$196,763.54 of which \$27,181.88 is from the General Corporate Fund, \$141,194.66 is from the Operations and Maintenance Fund, \$28,387.00 is from the Construction Fund, and \$0.00 is from the Bond and Interest Fund.

#### Manager's Report

**Operations Update** 

Draft Annual Financial Report for the Year Ended April 30, 2020



# LAKE IN THE HILLS SANITARY DISTRICT

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AGENDA
REGULAR MEETING
OF THE BOARD OF TRUSTEES
August 20, 2020
7:00 p.m.
Page 2

**Engineer's Report** 

**Attorney's Report** 

**Unfinished Business** 

**New Business** 

**Adjournment** 

#### Lake in the Hills Sanitary District **Board of Trustees Regular Meeting Minutes** July 16, 2020

#### Roll Call:

The regular meeting was called to order by President Hansen at 6:58 pm at the Sanitary District offices located at 515 Plum Street. Roll call was answered by President Eric Hansen, Trustee Cheryl Kehoe and Trustee Jessica Reed. Also in attendance were District Manager Tamara Mueller, Assistant District Manager Mike Nelson, District Engineer Peter Kolb of Applied Technologies, District Attorney Ann Williams of Storino, Ramello & Durkin and District Treasurer/Clerk Karen Thompson.

#### **Approval of Minutes:**

Motion was made by Trustee Reed and seconded by Trustee Kehoe to approve the minutes of the Regular Roard Meeting of June 18, 2020 as presented. On a roll call vote, President Hansen and Truste

and Reed voted aye.	On a roll call vote,	President Hansen and	Trustees Kenoe
Public Comments:			

Consent Agenda:

None.

None.

#### Specific Agenda:

None.

#### **Treasurer's Report:**

District Treasurer presented final written copies of the June 2020 Treasurer's reports and provided a verbal summary of some of the receipts and expenses.

She also provided the Board with some detail regarding the water shut off stoppage and the effect this has had on the number of customers who are getting behind on their bills. When comparing a list from January versus July there is an increase of over 200 customers. The front office feels this is workable, but has concerns that if the stoppage continues it will become less manageable. Their plan is to resume shut offs based on the schedules set forth by Lake in the Hills, Huntley and Crystal Lake. Crystal Lake resumed shut offs this month so we included our customers in that.

The audit process has started. Draft copies should be ready for the August meeting.

Motion was made by Trustee Kehoe, seconded by Trustee Reed, to approve the June 2020 Treasurer's reports. On a roll call vote, President Hansen, Trustee Kehoe and Trustee Reed voted aye.

#### Approval of Bills:

District Treasurer presented a list of bills for approval. She highlighted some of the bills that were atypical or higher than usual. She further added that she has all of the bills with her in case anyone would like any additional detail.

Motion was made by President Hansen and seconded by Trustee Kehoe to approve the List of Bills as presented for payment totaling \$207,725.33 of which \$24,241.38 is from the General Corporate Fund, \$174,268.95 is from the Operations & Maintenance Fund, \$9,215.00 is from the Construction Fund and \$0.00 is from the Bond & Interest Fund.

The motion passed after a roll call vote; President Hansen, Trustee Kehoe and Trustee Reed voted aye. (A list of the approved bills will be kept with the Board Meeting documents).

#### Manager's Report:

District Manager presented a written copy of the June 2020 Manager's Report and provided a verbal summary.

There were no callouts in June. Staff has been working in the collection system as much as possible in an effort to get caught up. They also rented a manhole camera to start televising manholes that have infiltration and inflow problems.

Biomonitoring on the effluent was started in June. As part of this monitoring, we are required to do 4 samples every 3 months. Our effluent passed 100%.

We have had to run the press 12-14 hours per day to get caught up from all of the extra solids we have received since March. We are caught up now.

We have hired 2 seasonal employees. They will work on the manhole scanning while our IT staff member is out on paternity leave.

We are not planning to assess penalties this month since these bills cover the period of April, May and June.

She also asked the Board if they had any input regarding the tax levy. She reminded the Board that last year we kept the levy flat and didn't add new property. Then we also abated by 10%. President Hansen suggested that we keep it flat again this year, but probably won't do an additional abatement.

Motion was made by Trustee Kehoe, seconded by Trustee Reed to accept the June 2020 Manager's Report as presented.

The motion passed after a roll call vote; President Hansen, Trustee Kehoe and Trustee Reed voted aye.

#### **Engineer's Report:**

District Engineer, Peter Kolb of Applied Technologies, provided a written report and a verbal summary.

Task Order 19-04 (Hagele Beach Lift Station Construction) - Construction is coming to a close. Project photos were provided. Lining of the wet well started today and will continue tomorrow. Next week they plan to start up and test the equipment. Once everything is tested and running they can remove the old lift station. The beach is open and fencing was previously placed. There was no progress payment request this month.

Task Order 20-01 (Phosphorus Reduction Study & Discharge Plan) - They are still working through developing optimization measures to achieve the .5 mg/l of phosphorus limit and are coming up with measures to meet the ultimate .1 mg/l at some point in the future. Their study also includes looking at cost to achieve these limits. They anticipate that the .5 mg/l threshold is achievable with limited expenses, but the .1 mg/l will be very expensive to accomplish. They anticipate that the .1 mg/l won't be required for 10+ years.

Task Order 20-02 (Electrical & Filter Building Improvements CEI) - This has been awarded to Larson & Larson Inc. They have been working to get all of the paperwork in order so that this project can get started soon.

#### Attorney's Report:

The District Attorney indicated that the Governor changed the number of zones in the State with regard to the Covid recovery & restore plan. This is so that each zone can move independently back and forth in the phases. This will allow small changes to be made in the event of a localized outbreak. She further stated that many of the local entities lobbied to not be included in the same zone as Chicago.

The Executive Order that permitted us to meet remotely expired because a law (SB2135) was passed. This law provides the ability to hold remote meetings in the case of emergencies in areas where a disaster declaration has been issued. She previously sent a memo to some staff and Board members which outlined the new provisions in this law. This new law is not tied to phases of recovery and it can be used if a determination is made that it is not prudent or practical to hold an in-person meeting. The new law is not that much different from how we were already conducting our remote meetings and the differences were outlined in her memo.

President Hansen asked for clarification on the requirement that one person still needs to be physically present at the District even if the meeting is held virtually. District Attorney confirmed that, yes, one person would need to be physically present unless it is unfeasible or unpractical. This one person would need to be either the

## head of the public body, the chief legal counsel or chief administrative officer.

None.

#### **New Business:**

**Unfinished Business:** 

None.

#### Adjournment:

There being no further business to bring before the Board, President Hansen asked for a motion to adjourn the meeting. Trustee Kehoe made the motion. It was seconded by Trustee Reed. The motion passed after a verbal vote. All Board members who were present voted aye.

The meeting was adjourned at 7:15 pm.

Respectfully Submitted,		
XT		
Karen Thompson, District Clerk		
APPROVED this	day of	, 2020.
President Hansen		

#### **ORDINANCE NO. 405**

#### An Ordinance Levying Taxes for the Lake in the Hills Sanitary District for Fiscal Year 2020-2021

WHEREAS, the Board of Trustees of the Lake in the Hills Sanitary District, in the County of McHenry, State of Illinois, did on the 14<sup>th</sup> day of May, 2020, pass the Combined Budget and Appropriation Ordinance for said District for the fiscal year commencing on May 1, 2020, and ending on the 30th day of April, 2021, the amount of which is ascertained to be the aggregate sum of \$7,145,500, which Combined Annual Budget and Appropriation Ordinance was published on the 21<sup>st</sup> day of May, 2020.

NOW, THEREFORE, BE IT ORDAINED by the President and Board of Trustees of the Lake in the Hills Sanitary District in the County of McHenry, State of Illinois, as follows:

SECTION 1: There is hereby levied upon all of the taxable property within the corporate limits of the Lake in the Hills Sanitary District, for the year 2020, the total sum of \$650,010, and that the objects and purposes of which said Levy is made and amounts appropriated for the same are as follows:

		Total Levied
A.	GENERAL FUND	\$ 375,000
B.	CHLORINATION FUND Chlorination, Disinfection & Treatment	10
C.	AUDIT FUND Auditing Expense and Fee	5,000
D.	PUBLIC LIABILITY INSURANCE FUND Public Liability Insurance	50,000
E.	SOCIAL SECURITY FUND Social Security Contribution	65,000
F.	ILLINOIS MUNICIPAL RETIREMENT FUND Pension Contribution by Employer	155,000
G.	SEWERAGE OPERATIONS & MAINTENANCE FUND  1. Personal Services 2. Contractual Services 3. Administrative Expenses 4. Operation and Maintenance of Plant 5. Capital Improvements 6. Bond Transfers 1989 Revenue Bonds, Principal 1989 Revenue Bonds, Interest Administrative Fee	

GRAND TOTAL SEWERAGE OPERATIONS & MAINTENANCE FUND

Contingent Expenses

7.

#### SUMMARY OF TAXES LEVIED

General Corporate Fund:		\$ 375,000
Chlorination Fund:		\$ 10
Audit Fund:		\$ 5,000
Public Liability Insurance Fund:		\$ 50,000
Social Security Fund:		\$ 65,000
Illinois Municipal Retirement Fund:		\$ 155,000
	TOTAL	\$ 650,010

SECTION 2: The tax so levied and assessed as aforesaid shall be collected and enforced in the same manner and by the same officers as in general taxes of the Lake in the Hills Sanitary District, County of McHenry, State of Illinois, and shall be paid over by the officers collecting the same to the Finance Director of the Board of Trustees of the Lake in the Hills Sanitary District.

SECTION 3: The Clerk of the Board of Trustees of the Lake in the Hills Sanitary District shall make and file with the County Clerk of McHenry County, Illinois, a certified copy of this Ordinance, and that the rate percent be ascertained and the tax extended, as provided by law, against the property included in the Lake in the Hills Sanitary District, County of McHenry, State of Illinois.

SECTION 4: The provisions of 35 ILCS 200/18-55 et seq., the Truth in Taxation Law, were complied with by the Lake in the Hills Sanitary District.

SECTION 5: This Ordinance shall take effect from and after its passage, approval and publication in pamphlet for (which publication is hereby authorized) as provided by law.

Ayes: Nays: Absent:		
Abstain:		APPROVED:
(SEAL)		President Eric Hansen
ATTEST: Clerk Kare	n Thompson	-
Passed:	1	
Approved:		
Published:		

#### CERTIFICATION

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

I do hereby further certify that at a meeting of the President and Board of Trustees of the Lake in the Hills Sanitary District, held on the 20<sup>th</sup> day of August, 2020, the foregoing Ordinance entitled *An Ordinance Levying Taxes for the Lake in the Hills Sanitary District for Fiscal Year 2020-2021* was duly passed and approved by the President and Board of Trustees of the Lake in the Hills Sanitary District.

The pamphlet form of Ordinance No. 405, including the Ordinance and a cover sheet thereof, was prepared, and a copy of such Ordinance was posted in the Lake in the Hills Sanitary District office, 515 Plum Street, commencing on the 21<sup>st</sup> day of August, 2020, and continuing for at least 10 days thereafter. Copies of such Ordinance were also available for public inspection upon request in the office of the Sanitary District Clerk.

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

In witness	whereof, I have affixe	ed my name as	Clerk and	caused th	he seal of	said	District to	o be
affixed hereto this	day of Augus	t, 2020.						

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

(SEAL)



Applied Technologies, Inc. 468 Park Avenue Lake Villa, Illinois 60046 Fax 847-265-7327 Telephone 847-265-7325 www.ati-ae.com

August 18, 2020

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

Re:

Hagele Beach Lift Station

Martam Construction, Inc. Pay Application No. 3

Dear Lake in the Hills Sanitary District Board of Trustees:

Martam Construction, Inc. has submitted the attached invoice for Pay Request No. 3, for the Lake in the Hills Sanitary District Hagele Beach Lift Station project. We have reviewed the work and invoice and recommend approval of the payment in the amount of \$111,079.91. Martam Construction Inc still needs to submit the signed Pay Application No. 3.

The recommended approved payment includes holding a total retainage of \$51,691.13. Work items included in this invoice are the demolition and removal of the existing lift station, start-up of Pumps & Controls, Electrical connection, and landscape restoration.

Please call if you have any questions or comments regarding the above.

Sincerely,

Applied Technologies, Inc.

Peter E. Kolb, P.E.

Enclosures

cc: Tamara Mueller, Lake in the Hills Sanitary District

#### LAKE IN THE HILLS SANITARY DISTRICT

MONTHLY TREASURER REPORT - O&M/SEWERAGE FUNDS

Month of July, 2020

		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	485,475.71	326,106.41	686,944.74	
First National Bank - Certificate Fund	Bond & Int	43,580.07	57,081.97	30,078.28	
First National Bank - Depreciation Account	Construction	2,216,122.60	2,216,909.50	2,208,654.83	
First National Bank - Surplus Funds	Construction	18,338.32	196,421.35	35,533.35	
First National Bank - Bond & Interest Fund	Bond & Int	748,950.11	752,089.71	689,089.29	
First National Bank - Sinking Funds	Bond & Int	904,959.74	919,740.35	890,178.50	
Algonquin Bank & Trust - Cash Mgr	O&M	1,075,259.91	882,010.44	1,058,229.06	
Algonquin Bank & Trust - Operating	O&M	68.00	19,586.00	310.00	
Home State Bank	O&M	23,648.97	24,177.03	23,648.78	
Illinois State Bank	O&M	10,627.90	10,628.37	10,559.83	
Credit Cards		(813.78)	(722.68)	(866.42)	
TOTAL BEGINNING CASH AN SE	ND INVESTMENTS WERAGE FUNDS	5,526,217.55	5,404,028.45	5,632,360.24	
		PRIOR	CURRENT		
		MONTH	MONTH	YTD	BUDGET
Revenues and Receipts					
Sewer Bill Income/User Charges		83,462.16	752,172.76	878,341.37	3,600,000.00
Septage Income		56,244.96	50,336.58	130,973.54	250,000.00
Wastewater Discharge Income		7,983.38	-	11,679.05	45,000.00
Refunds		(2,428.11)	(648.79)	(4,266.17)	
Connection/Tap-On Fees		7=	-	A	95,000.00
Annexation Fees (inc. GIS)		) <del>.=</del>			5,000.00
Downstream & Misc Charges	ř.		ž		500.00
Liftstation Recapture			-		#1
Gain/Loss - Sale of Equipment		-	*		-
Rebates or Grants Received			<b>,</b> ≠2	_	_
Interest Income		582.97	410.42	1,855.17	15,000.00
TOTAL REVENUES AND RECEIPTS	=	145,845.36	802,270.97	1,018,582.96	4,010,500.00
	=		002,21010	1,010,002.00	1,010,000.00
Expenditures					
PERSONNEL SERVICES	-				
District Personnel Salaries	1,-	52,813.67	54,082.26	151,215.05	634,000.00
ADMINISTRATIVE EVENINGS					
ADMINISTRATIVE EXPENSES					
Telephone		393.12	) <del>.</del>	589.48	3,000.00
Postage		3,806.26	-	4,088.19	22,000.00
Printing and Publications		-		* ***********	2,000.00
Office Supplies		589.36	256.56	1,548.18	7,500.00
Billing and Collection Expenses		1,491.70	4,875.32	16,763.25	75,000.00
Professional Services		78.98	78.78	224.74	10,000.00
Training, Travel and Education					7,000.00
Computer Hardware, Software, and Support		1,323.65	4,027.50	6,049.00	70,000.00
Community Affairs		40.040.74	*		2,000.00
Medical and Life Insurance	-	19,612.74	19,612.74	58,838.22	275,000.00
ODED ATIONIC AND MAINTENANCE	-	27,295.81	28,850.90	88,101.06	473,500.00
OPERATIONS AND MAINTENANCE				Transport Transport Section 1	ALEX CONTROL CONT
Operating Supplies		5,232.35	5,026.33	13,056.20	60,000.00
Maintenance and Repair (Plant)		29,326.74	33,870.44	76,848.64	150,000.00
Maintenance and Repair (Collection Systems)		18,050.76	2,229.80	21,295.40	310,000.00
Utilities and Energy		41,567.26	39,678.38	120,922.91	475,000.00
Grounds Upkeep		2,397.00	1,913.00	4,923.00	30,000.00
Gasoline/Oil		548.14	419.09	2,552.30	20,000.00
Computer and Support Services					
F			in Al session see		2,000.00
Emergency Communications		9,113.80	8,897.98	26,807.79	75,000.00
Emergency Communications Sludge Management		9,113.80 22,414.45	8,897.98 32,278.80	26,807.79 74,013.25	

		PRIOR MONTH	CURRENT MONTH	YTD	BUDGET
Professional Services		4,252.00		6,275.42	25,000.00
Residential Reimbursement			-	ie.	10,000.00
Compliance Requirements/Permits		· ·	17,500.00	17,500.00	30,000.00
GIS					10,000.00
		132,902.50	142,385.82	364,194.91	1,422,000.00
Expenditures (continued)					
CAPITAL IMPROVEMENTS					
New Construction		21,921.85	185,515.38	224,639.23	1,500,000.00
Plant Equipment		21,321.03	100,010.00	224,035.23	530,000.00
Collection System		-		-	800,000.00
Vehicles		~		_	75,000.00
Legal Expense		-			5,000.00
Engineering Expense		<u>.</u>	_	_	375,000.00
Bond, Finance Consulting Expense		=:		-	1,000.00
= -0-4, - ma		21,921.85	185,515.38	224,639.23	3,286,000.00
					0,233,000.00
BOND TRANSFERS					
2008 Debt Certificates, Principal		18	~	₩)	115,000.00
2008 Debt Certificates, Interest		-	-	-	43,000.00
Administration Fees - 2008 Debt Certs		-	-	_	2,000.00
		76	9	-	160,000.00
					•
Series 2014 Bond, Principal		-	<b>*</b>	x <del>4</del>	110,000.00
Series 2014 Bond, Interest		-	•	·	107,000.00
Administration Fees - 2014 Series Bond			*		2,000.00
			*	-	219,000.00
CONTINGENT AND MISCELLANEOUS EXPE	ENSES				
Not Otherwise Appropriated	-11020	-	_	-	3,000.00
		-	) <del>-</del>	*	3,000.00
					12
TOTAL	EXPENDITURES	234,933.83	410,834.36	828,150.25	6,197,500.00
EXCESS OF REVENUES OVER (UNDER) EX	PENDITURES	(89,088.47)	391,436.61	190,432.71	(2,187,000.00)
	9				
		BANK BALS AT	BANK BALS AT END		
		END OF THE	OF THE CURRENT	BANK BALS AT THE END OF MAY	
		PRIOR MONTH	MONTH	Zino Or mext	
Ending Cash and Investments			<u></u>		
First National Bank - O & M Account	O&M	326,106.41	644,412.30	485,475.71	
First National Bank - Certificate Fund	Bond & Int	57,081.97	70,584.48	43,580.07	
First National Bank - Depreciation Account	Construction	2,216,909.50	2,218,456.06	2,216,122.60	
First National Bank - Surplus Funds	Construction	196,421.35	10,909.85	18,338.32	
First National Bank - Bond & Interest Fund	Bond & Int	752,089.71	758,468.37	748,950.11	
First National Bank - Sinking Fund	Bond & Int	919,740.35	934,522.82	904,959.74	
Algonquin Bank & Trust - Cash Mgr.	O&M	882,010.44	1,146,786.16	1,075,259.91	
Algonquin Bank & Trust - Operating	O&M	19,586.00	230.00	68.00	
Home State Bank	O&M	24,177.03	26,562.63	23,648.97	
Illinois State Bank	O&M	10,628.37	11,570.52	10,627.90	
Credit Cards	O&M	(722.68)	(299.30)	(813.78)	
TOTAL ENDING CASH AND		5,404,028.45	5,822,203.89	5,526,217.55	
SEV	VERAGE FUNDS				

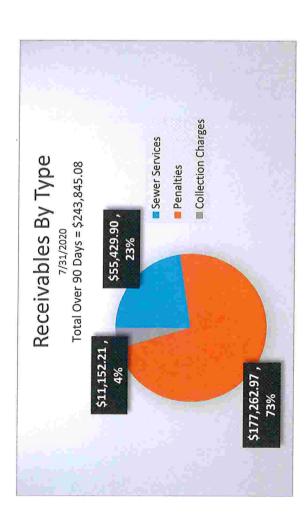
## LAKE IN THE HILLS SANITARY DISTRICT MONTHLY TREASURER REPORT - GOVERNMENTAL FUNDS Month of July, 2020

	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		Month.		
First National Bank	1,226,247.48	1,424,976.27	1,226,361.68	
Credit Cards		-	-0	
TOTAL BEGINNING CASH AND INVESTMENTS	1,226,247.48	1,424,976.27	1,226,361.68	
	PRIOR MONTH	CURRENT MONTH	YTD	BUDGET
Revenues and Receipts		×		
Real Estate Taxes				
General Fund	130,495.26	5,024.75	153,618.98	308,320.00
Audit Fund	849.26	32.71	999.76	2,006.00
Chlorination Fund	7.01	0.27	8.25	16.00
Liability Insurance Fund	21,165.00	814.96	24,915.42	50,006.00
Social Security Fund	23,281.61	896.47	27,407.11	55,007.00
Retirement Fund	65,604.88	2,526.13	77,230.05	155,004.00
Replacement Taxes	-	270.29	530.44	-
Interest Income	54.71	60.29	166.82	1,000.00
TOTAL REVENUES AND RECEIPTS	241,457.73	9,625.87	284,876.83	571,359.00
Evnandituras				
Expenditures GENERAL FUND				
PERSONNEL SERVICES				
	14 272 50	44 777 50	42 500 00	185 000 00
Salaries of Trustees, Manager, Treasurer & Clerk	14,372.50	14,777.50	43,500.00	185,000.00
CONTRACTUAL SERVICES				
	794.00	000 00	2.540.00	75 000 00
Professional Engineering	784.00	980.00	2,548.00	75,000.00
Legal Services Other Professional Services	525.00	367.50	1,277.50	35,000.00
Other Professional Services	1 200 00	1 247 50	2 025 50	5,000.00
ADMINISTRATIVE EXPENSES	1,309.00	1,347.50	3,825.50	115,000.00
Printing, Publications	500.74	1 000 10	4 754 00	5 000 00
	599.74	1,099.12	1,751.88	5,000.00
Office Supplies, Equipment	-	~	400.05	3,000.00
Postage Treasurer's Bond	-	-	122.85	1,000.00
Community Affairs	-	-	-	4,000.00
Memberships and Dues	-	-	100.00	1,000.00
Memberships and Dues	599.74	1,099.12	1,974.73	4,000.00
OPERATING EXPENSES	333.74	1,099.12	1,974.73	18,000.00
Building and Grounds Upkeep		1 070 00	2,140.00	15 000 00
Utilities	1 072 14	1,070.00 344.10		15,000.00
J.U.L.I.E.	1,972.14	344.10	2,316.24	30,000.00
Training and Education	-	-	-	3,000.00
Travel Expenses	•	~.	-	3,000.00
Computer Hardware, Software & Support	275.00	-	275.00	2,000.00
-	2,247.14	1,414.10	275.00 4,731.24	7,000.00
CONTINGENT AND MISCELLANEOUS EXPENSES	4,477.17	1,414.10	4,731.24	00,000.00
Not Otherwise Appropriated	Seri	-		1 000 00
				1,000.00
-		-		1,000.00
TOTAL GENERAL FUND	18,528.38	18,638.22	54,031.47	379,000.00

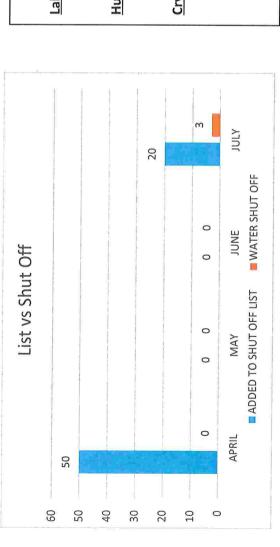
	PRIOR MONTH	CURRENT MONTH	YTD	BUDGET
Expenditures (continued)				
CHLORINATION FUND	1,333.50	1,462.60	2,796.10	24,000.00
	1,333.50	1,462.60		24,000.00
AUDIT FUND				
		-		20,000.00
				20,000.00
PUBLIC LIABILITY INSURANCE FUND				
Workers' Compensation	3,939.00		3,939.00	24,000.00
Property Vehicles	-	109.00		45,500.00
General Liability		-	-	15,000.00
Administrative Fee	119.00	-	119.00	80,000.00
	4,058.00	109.00	4,167.00	500.00 165,000.00
			1,101.00	100,000.00
SOCIAL SECURITY FUND	4 044 50	F 007 74		200 2004 100
TOOM LE OLOGINATIONED	4,944.58	5,267.74	14,700.54	60,000.00
IMRF FUND	13,864.48	13,869.88	40,288.70	300,000.00
OTHER EXPENDITURES (RECEIPTS)	-	_		
TOTAL EXPENDITURES	40 700 04	00.045.44	awa was	
TOTAL EXPENDITURES	42,728.94	39,347.44	115,983.81	948,000.00
EVCESS OF BEVENIUES OVER (UNDER) EVDENIUE (DE				
EXCESS OF REVENUES OVER (UNDER) EXPENDITURES :	198,728.79	(29,721.57)	168,893.02	(376,641.00)
	THE PERSON NAMED IN CO.			
	BANK BAL AT END OF THE	BANK BAL AT END OF THE CURRENT	BANK BALANCE AT	
Ending Cash and Investments	PRIOR MONTH	MONTH	THE END OF MAY	
First National Bank	1,424,976.27	1,395,254.70	1,226,247.48	
Credit Cards	-		-	
TOTAL ENDING CASH AND INVESTMENTS	4 404 677 77			
GENERAL CORPORATE FUND	1,424,976.27	1,395,254.70	1,226,247.48	
SCHOOL CONFORM E FUND				

# Accounts Receivable Analysis

July 2020









3 properties were shut off & all pd post shut off.

## ANNUAL TREASURER'S REPORT

Year Ended April 30, 2020



#### REVENUE SUMMARY

Sewer Services Collections – 4,052,019; Property Taxes – 632,840; Connection Fees – 120,306; Interest Income – 32,306; Rebate or Grant Proceeds – 82,711; Replacement Taxes – 2,121. TOTAL REVENUES: \$4,922,303.

#### **COMPENSATION SUMMARY**

Range Under \$25,000: Cheryl A. Kehoe, Eric J. Hansen, Jessica M. Reed, Nancy A. Delaney, Terry L. Easler; Range \$25,000 - \$49,999: Jennifer L. Olson, Jessica L. Maioni, Karen L. Thompson, Rene R. Rodriguez, Rick Forner; Range \$50,000- \$74,999: James F. Olvera, Jerilyn Stahlberg; Range \$75,000 to \$99,999: John E. Caccamo Jr., Michael G. Nelson, Ross K. Nelson; Range \$100,000 to \$124,999: Tamara C. Mueller; Range Over \$125,000: None. TOTAL COMPENSATION: \$694,998.

#### **EXPENDITURE SUMMARY**

AB Links LLC - 4,950; Algonquin Bank & Trust - 18,199; Amazon - 2,810; AMS Mechanical Systems - 173,721; Applied Technologies Inc - 246,679; AT&T - 81,975; Bank of New York Mellon - 158,150; BDP Industries - 3,792; Blue Cross Blue Shield - 74,138; Bond Trust Services Corporation - 220,238; Brenco Machine & Tool Inc - 3,810; Cathodic Protection Management Inc - 14,268; Cintas Corporation - 14,094; Civic Systems LLC - 17,214; Comcast Cable - 4,837; ComEd Inc - 13,147; Concentric Integration LLC - 5,561; Conrad De Latour & Associates Inc - 4,843; Controls Consulting Inc - 154,804; Dreisilker Electric Motors Inc -81,685; Dynegy Energy Services - 431,209; Electrical Testing Solutions - 20,255; Environmental Systems Research Institute - 4,950; Flood Brothers Disposal & Recycling Sys -3,854; FLSmidth USA Inc – 3,365; Fox River Study Group – 8,250; George Roach & Associates - 10,000; Grainger Inc - 3,738; H.R. Stewart Inc - 3,167; Hadronex Inc - 3,570; Hawkins Inc -Humana Inc- 197,686; Illini Power Products Corp - 6,000; 65,618; Employment Security - 10,065; Illinois EPA - 17,500; Illinois Municipal Retirement Fund -230,000; Illinois Public Risk Fund – 16,230; Interstate Gas Supply Inc – 16,150; Jones Insurance Services - 109,043; Kaman Industrial Technologies - 9,252; Kanzler Construction LLC -112,339; Liberty Process Equipment Inc - 4,405; Logsdon Office Supply - 5,487; Marc Kresmery Construction LLC - 33,816; Martam Construction Inc - 187,840; Metropolitan Industries Inc - 49,590; Nicor Gas - 7,282; Payment Service Network - 29,354; PetroChoice LLC - 12,692; Postl-Yore and Associates Inc - 42,676; R.N.O.W Inc - 6,094; Rain for Rent -6,611; Renew Kitchen & Bath - 3,625; Rush Truck Centers - 15,236; Ryco Landscaping -14,808; Schroeder Asphalt Services Inc - 292,811; Storino Ramello & Durkin - 54,501; Suburban Laboratories Inc - 4,933; Synagro WWT Inc - 87,600; Technology Masters Inc -18,868; The Home Depot – 2,963; Third Millennium Associates Inc – 9,902; TruGreen – 5,161; United States Postal Service – 17,551; United States Treasury – 53,044; USA Blue Book – 5,545; Verizon Wireless - 5,085; Village of Lake in the Hills - 4,696; Xylem Water Solutions USA Inc - 7,635; Ziegler's Ace Hardware - 3,093. All other disbursements in amounts less than \$2,500 -85,207.

TOTAL VENDORS: \$3,659,268.

#### LITH SANITARY DISTRICT Bills Paid Prior To Meeting August 20, 2020 Meeting Date

Name	Memo	Amount	
General Fund			
TOTAL GEN FUND BILLS PAID PRIOR TO MEETING		\$	=1
O & M Fund			
AT&T	Emergency Communications	\$	284.11
AT&T	Emergency Communications	\$	8,097.96
AT&T	Emergency Communications	\$	13.68
Comcast	Computer & Telephone	\$	389.86
Flood Brothers Disposal & Recycling	Bldgs & Grounds - July 2020 Trash	\$	327.74
Verizon Wireless	Emergency Communications	\$	394.12
TOTAL O & M BILLS PAID PRIOR TO MEETING		\$	9,507.47
Construction Fund			
Flooring Installation Inc	Cap Impvmts -Pro Svs & Upgrades, Flooring for Office	\$	10,000.00
TOTAL O & M BILLS PAID PRIOR TO MEETING		\$	10,000.00

# LITH SANITARY DISTRICT Recurring Bills August 20, 2020 Meeting Date

Name	Memo	Amount	
General Fund			
Illinois Municipal Retirement Fund	Employer Portion of IMRF - July 2020	\$	13,869.88
United States Treasury	District Pd Payroll Taxes (SS & Med)	\$	5,267.74
TOTAL GENERAL FUND RECURRING BILLS		\$	19,137.62
O & M Fund			
Blue Cross Blue Shield	Medical Insurance Premiums (for July 2020)	\$	18,129.70
Humana	Specialty Insurance Premiums (for July 2020)	\$	1,483.04
Payment Service Network	Collection Expenses from June 2020	\$	695.13
TOTAL O & M RECURRING BILLS		\$	20,307.87
Approved			

President Hansen

#### LITH SANITARY DISTRICT - Governmental Fund Bills Presented to Board for Approval August 20, 2020 Meeting

Name	Memo	Amount
GENERAL CORP FUND BILLS		
Applied Technologies Inc	Contractual Svs - Engineering	\$ 1,372.00
Illinois Public Risk Fund	Public Liab Ins - Workers Comp	\$ 4,058.00
Interstate Gas Supply, Inc.	Utilities - Nat Gas Sales for May 2020	\$ 162.18
Interstate Gas Supply, Inc.	Utilities - Nat Gas Sales for June 2020	\$ 15.79
Nicor Gas	Utilities - Gas 6/9-7/9/2020	\$ 267.98
Pitney Bowes	Postage - Meter 7/16-10/15/2020	\$ 132.35
Pitney Bowes	Postage - Red Ink for Postage Meter	\$ 339.96
Storino Ramello & Durkin	Contractual Svs - Legal July 2020	\$ 1,696.00
TOTAL GENERAL CORP FUND BILLS		\$ 8,044.26

#### LITH SANITARY DISTRICT - O&M/Sewerage Fund Bills Presented to Board for Approval August 20, 2020 Meeting

Name	Memo		Amount
O & M BILLS			
Alarm Detection Systems Inc	Emergency Communications, QU Bill Sept thru Nov	\$	90.00
Ansercall 24 LLC	Emergency Communications	\$	100.00
AutoZone, Inc.	Maint/Repair - Vehicles, Oil & Filter	\$	39.47
Calco, Ltd. Inc.	Pro Svs - Lab	\$	279.00
Cintas Corporation #355	Operating Supplies - Personnel	\$	990.80
City of Crystal Lake	Collection Expenses - Water Shut Offs 7-15-20	\$	300.00
Constellation New Energy Inc	Utilities - Decatur 6/11-7/13/20	\$	2,210.71
Constellation New Energy Inc	Utilities - Pyott 6/11-7/13/20	. \$	353.63
Constellation New Energy Inc	Utilities - Meadowbrook 6/5-7/7/20	\$	280.61
Constellation New Energy Inc	Utilities - Concord 6/5-7/7/20	\$	1,206.50
Constellation New Energy Inc	Utilities - Dam 6/11-7/13/20	\$	333.25
First National Bank of Omaha - Visa	Pro Svs - Intuit Payroll Fees, Grounds Upkeep, Operating Supplies	\$	299.30
Flood Brothers Disposal & Recycling Svs	Maint/Repair - Plant, Bldgs & Grounds, August Trash & Recycling	\$	327.74
Interstate All Battery Center	Maint/Repair - Vehicles, Battery for Old Expedition	\$	129.25
Jet Vac Environmental	Maint/Repair - Coll Sys, July Manhole Camera Rental	\$	5,500.00
John E Caccamo-Reimbursement	Operating Supplies - Safety Supplies, Reimb for Thermometer	\$	48.49
Joseph D. Foreman & Company, Inc.	Maint/Repair - Coll Sys, Manhole Lids	\$	1,809.00
Logsdon Office Supply	Office Supplies - Toner & Ink Cartridges	\$	292.73
Logsdon Office Supply	Office Supplies - Pens, Legal Pads, Markers, Disinfecting Wipes	\$	71.57
McHenry County Recorder	Collection Expenses	\$	6.50
Metropolitan Industries, Inc.	Maint/Repair - Coll System, Seal Kits for Pyott & Spare Parts	\$	1,925.17

NAPA Auto Parts	Maint/Repair - Vehicles, Tire Bead Sealer	\$	16.49
PetroChoice LLC	Operating Supplies - Oil for Oxidation Ditch & VLR Gear Boxes	\$	2,651.73
PetroChoice LLC	Gas/Fuel	\$	386.37
PetroChoice LLC	Operating Supplies - Oil for Gear Boxes	\$	613.20
PetroChoice LLC	Gas/Fuel	\$	1,097.83
Ralph Helm Inc.	Operating Supplies - Small Tools, 20" Chain	\$	24.95
Ryco Landscaping	Grounds Upkeep - July Mowing & Trimming	\$	1,232.00
Sartorius Corporation	Operating Supplies - Lab	\$	172.92
Sartorius Corporation	Operating Supplies - Lab	\$	172.92
Standard Equipment Company	Maint/Repair - Coll Sys, Manhole Camera Rental	\$	9,000.00
Suburban Laboratories Inc	Pro Svs - Lab	\$	132.00
Suburban Laboratories Inc	Pro Svs - Lab	\$	79.00
Synagro-WWT, Inc.	Sludge Mgt - July 2020	\$	13,200.00
Technology Masters Inc	Computer Exp - Maintenance 7/9/20	\$	684.00
Technology Masters Inc	Computer Exp - Mapped Drives & PDF Printing Issues	\$	96.00
Technology Masters Inc	Computer Exp - Maintenance 8/6/20	\$	684.00
The Home Depot	Operating Supplies - Press Bldg	\$	35.37
The UPS Store 2361	Postage	\$	10.94
Third Millennium Associates, Inc.	Collection Expenses - Rendering of Past Due Bills	\$	525.21
United Laboratories	Operating Supplies - Wasp Spray	\$	215.14
USA BlueBook	Operating Supplies - Small Tools, Drum Pump	\$	319.71
USA BlueBook	Maint/Repair - Coll Sys, Vactor Hose & Parts	\$	424.35
USA BlueBook	Maint/Repair - Plant, Nozzle for Digester Cleaning	\$	110.85
Warehouse Direct	Pro Svs - Copies	\$	25.94
Water One, Inc.	Operating Supplies - Personnel, Drinking Water	\$	70.00
Water Services Co	Pro Svs - Test & Certify Backflow Prevention	\$	85.00
Xylem Water Solutions USA Inc	Cap Imprvmts - Coll Sys, Non Clogging Pump Decatur	\$	52,314.60
Ziegler's Ace Hardware	Operating Supplies	\$	405.08
TOTAL O&M FUND BILLS	£	\$	101,379.32
CONSTRUCTION FUND BILLS			
Applied Technologies Inc	Engineering - Task Order 19-04 Beach Lift Station CEI	\$	1,070.00
Applied Technologies Inc	Engineering - Task Order 20-01 Phosphorus Reduction Feasibility Study	\$	9,889.00
Applied Technologies Inc	Engineering - Task Order 20-02 Filter Bldg CEI	\$	2,628.00
Flooring Installation Inc	Cap Imprvmts - Pro Svs & Upgrades, Flooring for Office (Installation)	\$	14,800.00
		<u> </u>	
		·	
TOTAL CONSTRUCTION FUND BILLS		\$	28,387.00

GRAND TOTAL OF ALL BILLS PRESENTED FOR APPROVAL IS \$196,763.54 OF WHICH \$27,181.88 IS FROM THE GENERAL CORPORATE FUND, \$141,194.66 IS FROM THE OPERATIONS AND MAINTENANCE FUND, \$28,387.00 IS FROM THE CONSTRUCTION FUND, AND \$0.00 IS FROM THE BOND AND INTEREST FUND.

Approved	

President Hansen

#### MANAGER'S REPORT Month of July, 2020

		12/MO	Data for	
Customers	CURRENT	TOTAL	July 2019	
Total accounts through July 2020:	11,734			
New Customers:	4	18	4	
Connections:	0	4	5	
Permits Issued:	0	6	1	
Permits Issued Past 13 Months:	7			
Total Permits Issued to Date:				
Residential:	10,086			
Commercial:	122			
Industrial:	1			

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

NAME	PE	DWELLINGS	Issued	
Heathers Senior Living	75	3 multi-family bldgs	9/11/2019	

#### COLLECTION SYSTEM EMERGENCY RESPONSES AND SANITARY SEWER OVERFLOWS

			DISTRICT
DATE	LOCATION	PROBLEM	PROBLEM
7/9/2020	1004 Maple Street	sewage seeping from clean out	no
7/9/2020	3520 Sandstone Court	sewer smell in basement	no
7/15/2020	83 Hilltop	water in backyard	no
7/15/2020	504 Cedar Drive	service line backup	no
7/25/2020	75 Hilltop	contractor sealed off service line	yes

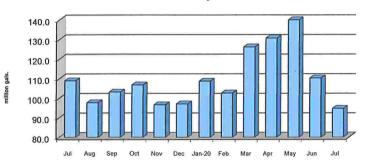
#### **COLLECTION SYSTEM ACTIVITIES**

Staff televised another 95 manholes and completed 5 root cutting assignments.

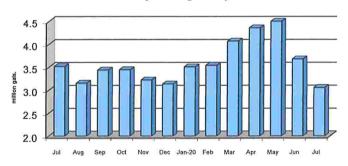
#### **FLOWS**

Total Effluent Flow for Month:	94.754	million gallons
Average Daily Flow:	3.057	mgd
Maximum Daily Flow:	3.583	mgd
Precipitation Total:	2.29	inches
Precipitation This Month Last Year:	3.45	inches
Septage Accepted:	507,887	gallons

#### **Total Monthly Flows**



#### Monthly Average Daily Flows

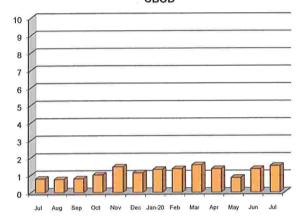


#### TREATMENT PLANT OPERATIONS

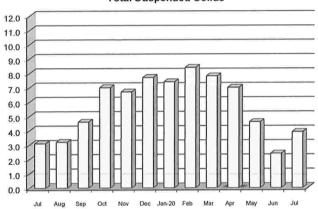
	Average in	Averag	e out	Average % reduction
CBOD	123 mg/L	1.5	mg/L	98.8%
Total Suspended Solids:	432 mg/L	3.9	mg/L	99.1%
Ammonia Nitrogen:	13.9 mg/L	0.77	mg/L	94.5%
Phosphorus:		0.22	mg/L	
Fecal Coliform:		200	colonies (daily	max.)

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:	3.970	million gallons
Decanted:	0.150	million gallons
Thickened:	4.137	million gallons
To Digester:	0.835	million gallons
Pressed:	0.995	million gallons

#### PERSONNEL ACTIVITIES

Tamara, Karen, and Jerilyn participated in a ComEd SEM workshop on July 9, 2020.

Respectfully submitted,

Tamara C. Mueller District Manager



### **CLIENT MEMORANDUM**



Date:	August 20, 2020	#:	6255	š
То:	Tamara Mueller, District Manager and Board of Trustees			
Organiz	ation: Lake in the Hills Sanitary District			
From:	Peter E. Kolb, P.E., District Engineer			
Regardi	ng: August 2020 District Engineer's Report			
Cc:	Karen Thompson – District Clerk/Treasurer	72=3		

Design

- 1. Task Order 19-04 Hagele Beach Lift Station Construction
  - a. Tasks completed this period
    - i. Construction activities at the site are near completion.
    - ii. Progress Pay Request #3 in the amount of \$111,079.11 was submitted for approval on this month's agenda.
    - iii. Remaining items include final site restoration, installation of an area light, meter vault cover leveling, and punch list walk through.
  - b. Schedule
    - i. Award –November 14, 2019
    - ii. Construction January 2020 August 2020

- 2. Task Order 20-01 Phosphorus Reduction Feasibility Study and Phosphorus Discharge Optimization Plan
  - a. Tasks completed this period
    - i. Report preparation on optimization measures that can be performed by the District to achieve the o.5 mg/l phosphorus limit and outline of future measures that can be performed during the next permit cycle to meet a long-term limit o.1 mg/L.
    - ii. Development of cost estimates for improvements targeted to achieve 0.5 mg/L phosphorus limit and for future improvements targeted to achieve 0.1 mg/L phosphorus limit.
  - b. Schedule

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- i. Task Order Authorization January 16, 2020
- ii. Draft Reports and Documentation August 2020
- iii. Final Reports September 2020
- iv. Submittal to IEPA October 2020
- 3. Task Order 20 –02 Electrical & Filter Building Improvements Construction Engineering and Inspection Services
  - a. Tasks completed this period
    - i. A preconstruction conference was held on August 13th with Larson & Larson and construction coordination and constraints were discussed.
    - ii. Signed documents were delivered to L&L
    - iii. A construction schedule outlining the sequence of construction activities is pending.
  - b. Schedule
    - i. Construction Contract Award June 11, 2020
    - ii. Preconstruction Conference July 13, 2020
    - iii. Construction July to October 2020