



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
September 16, 2021
7:00 p.m.**

REGULAR MEETING OF THE BOARD OF TRUSTEES

Pledge of Allegiance

Roll Call

Approval of the Minutes

Public Comments

Presentation of Annual Financial Report by George Roach

Consent Agenda

Specific Agenda

- A. Approval of the Lake in the Hills Sanitary District's Annual Financial Report for the Year Ended April 30, 2021, as presented by George Roach & Associates.**
- B. Approval of the Annual Treasurer's Report for Fiscal Year 2020 - 2021.**
- C. Approval of Ordinance No. 411 - An Ordinance Abating the Taxes Levied for the Year 2021 to Pay General Obligation Bonds, Series 2014.**
- D. Approval of Plat, The Lakes of Boulder Ridge – Unit 3, Lots 213 & 221 Consolidation.**

Treasurer's Report

Approval of the Bills

Grand total of all bills presented for approval is \$200,035.77 of which \$23,422.95 is from the Governmental Fund, \$106,215.94 is from the Operations and Maintenance Fund, \$0.00 is from the Construction Fund, and \$70,396.88 is from the Bond and Interest Fund.



LAKE IN THE HILLS SANITARY DISTRICT

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**AGENDA
REGULAR MEETING
OF THE BOARD OF TRUSTEES
September 16, 2021
7:00 p.m.
Page 2**

Manager's Report

Operations Update

Engineer's Report

Attorney's Report

Unfinished Business

New Business

Backwash water rates

Executive Session

Discussion of minutes of meetings lawfully closed under this Act, whether for purposes of approval by the body of the minutes or semi-annual review of the minutes as mandated by Section 2.06 (5 ILCS 120/2(c)21).

Adjournment

**Lake in the Hills Sanitary District
Board of Trustees Regular Meeting Minutes
August 19, 2021**

Pledge of Allegiance

Roll Call:

The regular meeting was called to order by President Hansen at 7:00pm at the Sanitary District offices located at 515 Plum Street. Roll call was answered by President Eric Hansen, Trustee Jessica Reed and Trustee Russ Ruzanski. 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 Ruzanski to approve the minutes of the Regular Board Meeting of July 15, 2021 as presented. On a roll call vote, President Hansen and Trustees Reed and Ruzanski voted aye.

Public Comments:

None.

Consent Agenda:

- A. Approval of Ordinance No. 410 – “An Ordinance Levying Taxes for the Lake in the Hills Sanitary District for Fiscal Year 2021-2022.”

Motion was made by Trustee Reed, seconded by Trustee Ruzanski. Some discussion took place regarding whether we should abate any taxes this year. District Manager indicated that she would like to use any surplus funds to pay down the District’s IMRF underfunded pension liability. The consensus was to not abate any general fund taxes this year, but look at it again next year. On a roll call vote, President Hansen and Trustees Reed and Ruzanski voted aye to approve the Consent Agenda (Item A) as presented.

Specific Agenda:

- A. Discussion for press release regarding energy savings and technology upgrades.

District Manager provided a draft copy of the press release along with detail regarding where the information came from. President Hansen asked if we could include monetary savings in the release. District Manager indicated that she will calculate the monetary savings, add that to the release and have it published in the Northwest Herald. Trustee Reed volunteered to write up a quote to be included in the release.

Treasurer’s Report:

District Treasurer presented final written copies of the July 2021 Treasurer’s reports and provided a verbal summary of some of the receipts and expenses.

**Lake in the Hills Sanitary District
Board of Trustees Regular Meeting Minutes
August 19, 2021**

She also provided a draft copy of the Annual Treasurer Report. This will be on the September Agenda for consideration of approval. If the Board has any questions, please reach out over the month.

In accordance with the discussion and Board action at last month's meeting, the account at Home State Bank was closed on August 3, 2021. The balance in the account was \$36,812.26. Those funds were deposited into our account at First National Bank. These changes will be reflected on the August Treasurer's Report.

She reminded the Board that September will be time for the semi-annual review of closed meeting minutes. If any Board member would like to review those ahead of the meeting please reach out so a time can be arranged.

Motion was made by President Hansen, seconded by Trustee Reed, to approve the July 2021 Treasurer's reports. On a roll call vote, President Hansen, Trustee Reed and Trustee Ruzanski 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.

Motion was made by President Hansen and seconded by Trustee Reed to approve the List of Bills for payment totaling \$229,609.31 of which \$22,089.96 is from the Governmental Fund, \$206,951.85 is from the Operations and Maintenance Fund, \$567.50 is from the Construction Fund, and \$0.00 is from the Bond and Interest Fund.

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

Manager's Report:

District Manager presented a written copy of the July 2021 Manager's Report and provided a verbal summary.

There were no emergency call outs in July.

The plant, lift stations and staff weathered last week's storms exceptionally well.

She provided draft copies of the Auditors Annual Financial Report for FYE 4/30/2021. Feel free to reach out with any questions.

Motion was made by President Hansen, and seconded by Trustee Reed to approve the July 2021 Manager's Report.

Trustee Ruzanski asked for detail on the televising of the lines. District Manager provided detail about the process, the schedule and what kinds of things they look for and find while televising. This is done proactively and we have made recent upgrades that have helped with this preventative maintenance process.

**Lake in the Hills Sanitary District
Board of Trustees Regular Meeting Minutes
August 19, 2021**

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

Engineer's Report:

Peter Kolb 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. Barium Discharge Limits – The District's NPDES permit allows us to operate at an average limit of 2.0 mg/L and a peak day limit of 4.0 mg/L of barium starting January 1, 2021. The District has been monitoring barium discharges for several years and has determined that it cannot consistently meet the current barium limit. The District has determined that the source of the barium is from the deep potable water wells operated by the Villages of Lake in the Hills and Huntley. It is recommended that the District amend its existing pretreatment ordinance to include restrictions on the discharge of barium into the sewer collection system. This ordinance should set limitations for individual users and for the total of all barium discharged into the District's system. A draft memorandum has been put together and the intent is to meet with the Villages to develop a plan.
2. Treatment Plant Pavement - They are recommending some pavement repairs or restorations be done to the front entrance and the process access road. Additionally they recommend that we seal coat the section of pavement that was replaced in 2019. Photos, estimated costs and options were provided.
3. Holding Tank Refurbishment Project – This tank has developed some leaks (photos were provided). It appears that the liner that was completed in 2017 has failed. The plan is to dewater the tank, clean it and make an interior inspection to determine the best course of action for repair. A plan and cost estimates will be generated for District consideration.
4. Sanitary Sewer Extension Project – The Village of Lake in the Hills has expressed an interest in developing some parcels near the airport and has asked about the extension of sanitary sewer service. ATI has done a preliminary investigation. This is in the very early stages.

Attorney's Report:

Attorney offered assistance with the pretreatment ordinance as needed.

Unfinished Business:

None.

New Business:

Discussion took place regarding the requirements for Board members to attend meetings in person versus remotely. District Attorney looked at the statute and provided detail.

Adjournment:

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

**Lake in the Hills Sanitary District
Board of Trustees Regular Meeting Minutes
August 19, 2021**

The meeting was adjourned at 7:41pm.

Respectfully Submitted,



Karen Thompson,
District Clerk

APPROVED this _____ day of _____, 2021.

President Hansen

LAKE IN THE HILLS SANITARY DISTRICT
ANNUAL TREASURER'S REPORT
Year Ended April 30, 2021

REVENUE SUMMARY

Sewer Services Collections – 4,054,804; Property Taxes –569,290; Connection Fees – 31,200; Interest Income – 4,628; Rebate, Refund or Grant Proceeds – 30,274; Replacement Taxes – 1,999.

TOTAL REVENUES: \$4,692,195.

COMPENSATION SUMMARY

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

TOTAL COMPENSATION: \$723,559.

EXPENDITURE SUMMARY

Accurate Security & Lock Corp – 3,276; Algonquin Bank & Trust – 17,124; Amazon – 4,183; AMS Mechanical Systems – 36,900; Applied Ecological Services – 31,819; Applied Technologies Inc – 106,344; AT&T – 125,060; Bank of New York Mellon – 158,338; BDP Industries – 12,540; Blue Cross Blue Shield – 211,558; Bond Trust Services Corporation – 216,938; Cintas Corporation – 12,000; Civic Systems LLC – 6,908; Comcast Cable – 4,913; ComEd Inc – 2,507; Concentric Integration – 2,739; Constellation New Energy – 308,594; Dreisilker Electric Motors Inc – 10,899; Dynegy Energy Services – 78,591; Emerald Coast Manufacturing – 6,699; Evoqua Water Technologies – 15,055; First Security Systems Inc – 4,582; Flood Brothers Disposal & Recycling Svs – 3,921; Flooring Installation Inc – 39,790; George Roach & Associates – 10,000; H.R. Stewart Inc – 26,721; Hawkins Inc – 66,015; Humana Inc– 16,650; IGS Energy – 15,685; Illini Power Products Corp – 7,998; Illinois Dept of Employment Security – 8,398; Illinois EPA – 17,500; Illinois Municipal Retirement Fund – 236,624; Illinois Public Risk Fund – 22,448; Innovative Home Concepts Inc – 16,600; Jet Vac Environmental – 5,500; Jones Insurance Services – 53,028; Joseph D Foreman & Company Inc – 4,913; Kaman Industrial Technologies – 6,178; Larson & Larson Builders Inc – 212,775; Liberty Process Equipment Inc – 15,106; Logsdon Office Supply – 5,832; Mac Painting – 19,110; Manufacturers Edge Inc – 3,262; Marc Kresmery Construction LLC – 157,620; Martam Construction Inc – 337,530; Metropolitan Industries Inc – 260,368; Mooers Products Inc – 6,214; MRO Supply – 3,591; Nicor Gas – 6,899; North Shore Water Reclamation District – 3,200; Payment Service Network – 28,116; PetroChoice LLC – 11,409; Ryco Landscaping – 11,454; Schroeder Asphalt Services Inc – 2,958; Standard Equipment Company – 87,032; Storino Ramello & Durkin – 14,365; Suburban Laboratories Inc – 4,514; Synagro WWT Inc – 144,240; Technology Masters Inc – 8,733; TGF Enterprises Inc – 8,880; Third Millennium Associates Inc – 12,175; Turf Care Enterprises Inc – 6,336; United States Postal Service – 16,892; United States Treasury – 55,352; USA Blue Book – 3,228; UV Doctor Lamps LLC – 5,306; Verizon Wireless – 4,395; Wilkens-Anderson – 4,904; Xylem Water Solutions USA Inc – 105,933; Ziegler's Ace Hardware – 4,107. All other disbursements in amounts less than \$2,500 – 78,505.

TOTAL VENDORS: \$3,585,873.

**SUMMARY STATEMENT OF CONDITION
(Excerpt from Comptroller Report AFR)**

	GENERAL	SPECIAL REVENUE	CAPITAL PROJECTS	DEBT SERVICE	ENTERPRISE	INTERNAL SERVICE	FIDUCIARY	DISCRETELY PRESENTED COMPONENT UNITS
Revenues (*Line 240)	310,656	261,550	-	-	4,022,851	-	-	-
Expenditures (*Line 270)	240,873	383,068	-	-	4,027,972	-	-	-
Excess of Revenues Over (Under) Expenditures (*Line 301)	69,783	(121,518)	-	-	(5,121)	-	-	-
Transfers In (*Line 302)	-	85,000	-	-	-	-	-	-
Transfers Out (*Line 303)	(85,000)	-	-	-	-	-	-	-
Bond Proceeds (*Line 304)	-	-	-	-	-	-	-	-
Other (*Line 305)	-	-	-	-	147,008	-	-	-
Net Increase (Decrease) in Fund Balance (*Line 306)	(15,217)	(36,518)	-	-	(5,121)	-	-	-
Previous Year Fund Balance (*Line 307)	808,316	410,568	-	-	45,525,873	-	-	-
Other (*Line 308)	-	-	-	-	31,200	-	-	-
Current Year Ending Fund Balance (*Line 310)	793,099	374,050	-	-	45,551,952	-	-	-
TOTAL DEBT	OUTSTANDING BEGINNING OF YEAR	ISSUED CURRENT FISCAL YEAR	RETIRED CURRENT FISCAL YEAR	OUTSTANDING END OF YEAR				
	4,060,000	-	220,000	3,840,000				
	(*Line 405)	(*Line 411)	(*Line 417)	(*Line 423)				

Subscribed and sworn to this 16th day of September, 2021.

Tamara Mueller, District Manager

I, Karen L. Thompson, Clerk of Lake In The Hills Sanitary District, McHenry County, Illinois, do hereby certify that the above is a true copy of the Annual Treasurer's Report for the fiscal year ended April 30, 2021.

Karen L. Thompson, Clerk

*NOTE: Refers to the Line Numbers in the Comptrollers Annual Financial Report (AFR).

Ordinance No. 411

*An Ordinance Abating the Taxes Levied for Year 2021 to Pay General Obligation Bonds
(Alternate Revenue Source), Series 2014, of the Lake in the Hills Sanitary
District, McHenry County, Illinois*

ORDINANCE PASSED BY THE
PRESIDENT AND BOARD OF TRUSTEES
OF THE LAKE IN THE HILLS SANITARY DISTRICT
AT THEIR MEETING ON SEPTEMBER 16, 2021,
PUBLISHED IN PAMPHLET FORM BY AUTHORITY OF THE
PRESIDENT AND BOARD OF TRUSTEES
OF THE
LAKE IN THE HILLS SANITARY DISTRICT

President:	Eric Hansen
Board of Trustees:	Jessica Reed
	Russ Ruzanski
Clerk:	Karen Thompson

ORDINANCE NO. 411

*An Ordinance Abating the Taxes Heretofore Levied for the Year 2021
to Pay General Obligation Bonds (Alternate Revenue Source), Series 2014,
of the Lake in the Hills Sanitary District, McHenry County, Illinois*

WHEREAS, the Board of Trustees of the Lake in the Hills Sanitary District (the “District”), in the County of McHenry, State of Illinois, by ordinance adopted on the 12th day of June, 2014 (the “Ordinance”), did provide for the issuance of not to exceed \$3,900,000 General Obligation Bonds (Alternate Revenue Source), Series 2014, and the levy of a direct annual tax sufficient to pay the principal of and interest on said bonds; and

WHEREAS, pursuant to the Ordinance, the District has heretofore issued \$3,900,000 General Obligation Bonds (Alternate Revenue Source), Series 2014, dated August 14, 2014 (the “Bonds”), and has filed in the offices of the County Clerk of the County of McHenry, State of Illinois, (the “County Clerk”), a Bond Order for the levy of taxes to pay the Bonds; and

WHEREAS, the District has Pledged Revenues (as defined in the Ordinance) on deposit in the Bond Fund available for the purpose of paying debt service on the Bonds heretofore imposed by the 2021 levy; and

WHEREAS, such Pledged Revenues are hereby directed to be used for the purpose of paying debt service on the Bonds; and

WHEREAS, it is necessary and in the best interests of the District that the taxes heretofore levied for the year 2021 to pay the Bonds be abated.

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: *Abatement of Taxes.* The taxes heretofore levied for the year 2021 in the Ordinance are hereby abated in their entirety.

SECTION 2: *Filing of Ordinance.* Forthwith upon the adoption of this Ordinance, the Clerk of the Board of Trustees shall file a certified copy hereof with the County Clerk and it shall be the duty of the County Clerk to abate said taxes levied for the year 2021 in accordance with the provisions hereof.

SECTION 3: *Effective Date.* This Ordinance shall be in full force and effect forthwith upon its adoption and publication in pamphlet form (which publication is hereby authorized) as provided by law.

*An Ordinance Abating the Taxes Heretofore Levied for the Year 2021
to Pay General Obligation Bonds (Alternate Revenue Source), Series 2014,
of the Lake in the Hills Sanitary District, McHenry County, Illinois*

SECTION 4: If any section, paragraph, subdivision, clause, sentence or provision of this Ordinance shall be adjudged by any Court of competent jurisdiction to be invalid, such judgment shall not affect, impair, invalidate or nullify the remainder thereof, which remainder shall remain and continue in full force and effect.

SECTION 5: All ordinances or parts of ordinances in conflict herewith are hereby repealed to the extent of such conflict.

Ayes:

Nays:

Absent:

Abstain:

APPROVED:

President Eric Hansen

(SEAL)

ATTEST: _____
Clerk Karen Thompson

Passed: _____

Approved: _____

Published: _____

*An Ordinance Abating the Taxes Heretofore Levied for the Year 2021
to Pay General Obligation Bonds (Alternate Revenue Source), Series 2014,
of the Lake in the Hills Sanitary District, McHenry County, Illinois*

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 16th day of September, 2021, the foregoing Ordinance entitled *An Ordinance Abating the Taxes Heretofore Levied for the Year 2021 to Pay General Obligation Bonds (Alternate Revenue Source), Series 2014, of the Lake in the Hills Sanitary District, McHenry County, Illinois* 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. 411, 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 17th day of September, 2021, 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 affixed my name as Clerk and caused the seal of said District to be affixed hereto this 16th day of September, 2021.

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

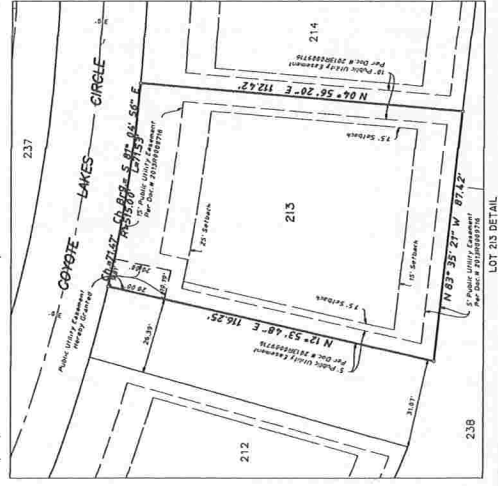
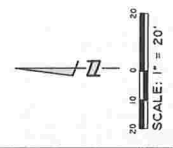
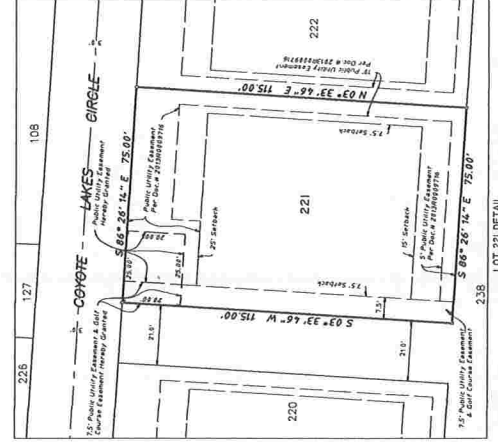
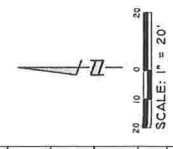
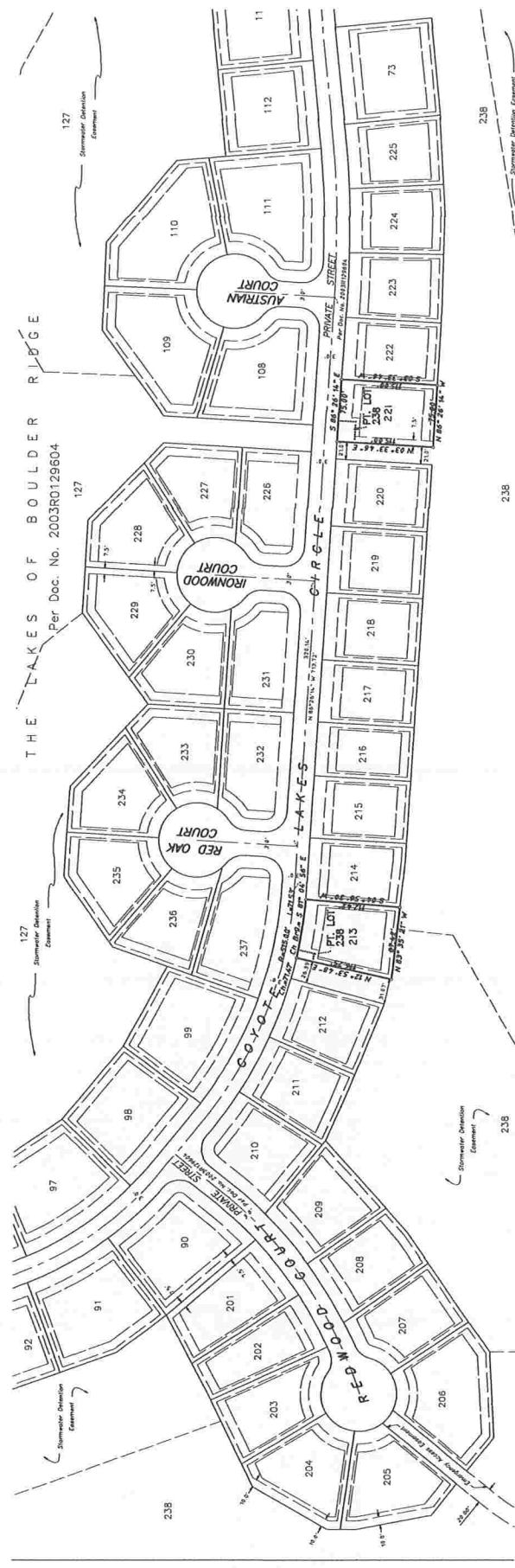
(SEAL)

*An Ordinance Abating the Taxes Heretofore Levied for the Year 2021
to Pay General Obligation Bonds (Alternate Revenue Source), Series 2014,
of the Lake in the Hills Sanitary District, McHenry County, Illinois*

THE LAKES OF BOULDER RIDGE - UNIT 3 LOTS 213 & 221 CONSOLIDATION

BEING A SUBDIVISION OF CONSOLIDATION OF LOTS 73 AND 221 AND PART OF LOT 222, NORTHWEST QUARTER OF SECTION 26, TOWNSHIP 43 NORTH, RANGE 6 EAST OF THE 10TH PRINCIPAL MERIDIAN, COUNTY OF HULL, ILLINOIS, AS DOCUMENT NUMBER 20130300018 IN THE PUBLIC RECORDS OF HULL COUNTY, ILLINOIS.

DATE: 10-23-2021
 TIME: 10:23:00 AM
 MAIL: 10-23-2021
 HAGER ENGINEERING LLC
 CONSULTING ENGINEERS
 1001 W. 14TH ST. SUITE 100
 CHICAGO, IL 60607



Originally Prepared: 3/20/2021 Project No. 12-003

HAGER ENGINEERING
 consulting engineers
 land surveyors

1001 W. 14TH ST. SUITE 100
 CHICAGO, IL 60607
 (773) 233-1100
 www.hagereng.com

DATE: 10/23/21
 DRAWN BY: [Name]
 CHECKED BY: [Name]
 NO. [Number]

CONVEYANCE CERTIFICATE

STATE OF MISSISSIPPI
COUNTY OF JACKSON

BEFORE ME, the undersigned authority, on this _____ day of _____, 2018, personally appeared _____, known to me to be the person whose name is subscribed to the foregoing instrument, acknowledged to me that he executed the same for the purposes and consideration therein expressed.

My commission expires _____ day of _____, A.D. 20____.

IN WITNESS WHEREOF, I have hereunto set my hand and official seal this _____ day of _____, 2018.

Notary Public for the State of Mississippi
My Commission Expires _____

PLANNED UNIT DEVELOPMENT (PUD)
COUNTY OF JACKSON
TOWNSHIP OF BOULDER RIDGE
SUBDIVISION OF _____
SECTION 10, T32N, R10E, S10E

THE UNDERSIGNED, _____, of the County of Jackson, State of Mississippi, do hereby certify that the within and foregoing plat is a true and correct copy of the original as the same appears in the office of the Clerk of the Board of Supervisors of the County of Jackson, State of Mississippi, and that the same has been duly recorded in the office of the County Clerk of the County of Jackson, State of Mississippi, in Book _____, Page _____, of the Public Records of the County of Jackson, State of Mississippi.

EXPIRES 11-30-22

PLANNED UNIT DEVELOPMENT (PUD)
COUNTY OF JACKSON
TOWNSHIP OF BOULDER RIDGE
SUBDIVISION OF _____
SECTION 10, T32N, R10E, S10E

THE UNDERSIGNED, _____, of the County of Jackson, State of Mississippi, do hereby certify that the within and foregoing plat is a true and correct copy of the original as the same appears in the office of the Clerk of the Board of Supervisors of the County of Jackson, State of Mississippi, and that the same has been duly recorded in the office of the County Clerk of the County of Jackson, State of Mississippi.

EXPIRES 11-30-22

PLANNED UNIT DEVELOPMENT (PUD)
COUNTY OF JACKSON
TOWNSHIP OF BOULDER RIDGE
SUBDIVISION OF _____
SECTION 10, T32N, R10E, S10E

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EXPIRES 11-30-22

PLANNED UNIT DEVELOPMENT (PUD)
COUNTY OF JACKSON
TOWNSHIP OF BOULDER RIDGE
SUBDIVISION OF _____
SECTION 10, T32N, R10E, S10E

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EXPIRES 11-30-22

PLANNED UNIT DEVELOPMENT (PUD)
COUNTY OF JACKSON
TOWNSHIP OF BOULDER RIDGE
SUBDIVISION OF _____
SECTION 10, T32N, R10E, S10E

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EXPIRES 11-30-22

**THE LAKES OF BOULDER RIDGE - UNIT 3
LOTS 213 & 221 CONSOLIDATION**



BLANKET EASEMENT PROVISIONS
AN EASEMENT FOR SERVING THE SUBDIVISION AND OTHER PROPERTY WITHIN THE COMMON INTEREST SHALL BE DEEMED TO BE A GRANT OF THE EASEMENTS DESCRIBED HEREIN.

AT-TITLE COVENANTS
THAT THE LAKES OF BOULDER RIDGE IS HEREBY RESERVED AND GRANTED TO THE VILLAGE OF LAKE IN THE HILLS TO INSTALL AND MAINTAIN, AS NECESSARY, THE SEWER, WASTE WATER AND DRAINAGE BUILDNINGS TO INSURE PROPER FLOW AND DRAINAGE.

PROPERTY INFORMATION
COUNTY OF JACKSON
TOWNSHIP OF BOULDER RIDGE
SUBDIVISION OF _____
SECTION 10, T32N, R10E, S10E

NOTE:
1. Easement access to Hillywood Approach Road, Route 844E, from lot number 225 in Boulder Ridge shall be via the emergency access shown connecting to Red Wood Court, near the westerly property line. This access shall be used for emergency purposes only.

2. This plat is subject to the Declaration of Covenants, Conditions and Restrictions for The Lakes of Boulder Ridge Property Owners' Association recorded as Instrument No. _____, recorded in the office of the County Clerk of the County of Jackson, Mississippi, and is amended from time to time.

THE PART SUBMITTED FOR RECORDING BY: DIANA DEBELLINA
COUNTY CLERK
OFFICE OF THE COUNTY CLERK
808 HARVEST GATE
LAKE IN THE HILLS, MS 38658

AREA SUMMARY

LOT 221	8,537 S.F.	1,966 AC.
LOT 213	8,537 S.F.	1,966 AC.
TOTAL	17,074 S.F.	3,932 AC.

LEGEND

P.R.	Private Right
P.U.E.	Public Utility Easement
P.L.	Public Right



LAKE IN THE HILLS SANITARY DISTRICT
MONTHLY TREASURER REPORT - O&M/SEWERAGE FUNDS
 Month of August, 2021

		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	549,238.09	850,243.32	812,545.45
First National Bank - Certificate Fund	Bond & Int	60,780.61	74,282.23	33,778.44
First National Bank - Depreciation Account	Construction	2,594,937.65	2,622,597.78	2,280,409.47
First National Bank - Surplus Funds	Construction	52,022.89	35,758.59	20,155.67
First National Bank - Bond & Interest Fund	Bond & Int	833,271.15	841,968.63	761,872.03
First National Bank - Sinking Funds	Bond & Int	1,097,058.98	1,111,830.25	1,067,518.48
Algonquin Bank & Trust - Cash Mgr	O&M	1,028,988.22	1,274,404.29	1,051,983.88
Algonquin Bank & Trust - Operating	O&M	20,965.00	365.00	1,130.00
Home State Bank	O&M	35,263.32	36,812.26	34,814.21
Illinois State Bank	O&M	CLOSED	CLOSED	CLOSED
Credit Cards		(686.71)	(1,280.90)	(684.22)
TOTAL BEGINNING CASH AND INVESTMENTS		6,271,839.20	6,846,981.45	6,063,523.41

SEWERAGE FUNDS

	PRIOR MONTH	CURRENT MONTH	YTD	BUDGET
Revenues and Receipts				
Sewer Bill Income/User Charges	706,432.41	83,828.43	973,164.69	3,600,000.00
Septage Income	33,302.40	41,336.28	160,906.82	300,000.00
Wastewater Discharge Income	4,246.09	5,299.12	16,891.23	45,000.00
Refunds	(770.44)	(919.84)	(3,398.30)	-
Connection/Tap-On Fees	26,000.00	-	331,023.00	300,000.00
Annexation Fees (inc. GIS)	-	-	-	5,000.00
Downstream & Misc Charges	-	-	-	500.00
Liftstation Recapture	-	-	-	-
Gain/Loss - Sale of Equipment	-	-	-	-
Rebates, Refunds or Grants Received	-	-	70,965.39	-
Interest Income	156.52	164.04	627.08	5,000.00
TOTAL REVENUES AND RECEIPTS		769,366.98	129,708.03	1,550,179.91

Expenditures

PERSONNEL SERVICES

District Personnel Salaries	45,060.55	48,273.66	179,777.57	634,000.00
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ADMINISTRATIVE EXPENSES

Telephone	207.83	205.77	829.26	3,000.00
Postage	6.60	609.38	4,977.05	22,000.00
Printing and Publications	-	-	-	2,000.00
Office Supplies	558.27	2,709.69	4,275.01	7,500.00
Billing and Collection Expenses	5,308.50	8,098.29	27,233.28	80,000.00
Professional Services	248.04	99.28	554.11	10,000.00
Training, Travel and Education	-	14.90	257.40	7,000.00
Computer Hardware, Software, and Support	207.83	4,905.51	7,842.75	25,000.00
Community Affairs	-	-	-	2,000.00
Medical and Life Insurance	18,526.89	18,526.89	74,107.56	275,000.00
	25,063.96	35,169.71	120,076.42	433,500.00

OPERATIONS AND MAINTENANCE

Operating Supplies	2,256.95	8,232.63	17,091.08	60,000.00
Maintenance and Repair (Plant)	13,707.16	22,695.63	50,793.85	150,000.00
Maintenance and Repair (Collection Systems)	52,753.07	166.68	65,531.05	310,000.00
Utilities and Energy	31,801.53	39,755.45	138,500.77	475,000.00
Grounds Upkeep	1,561.96	1,200.00	9,435.36	30,000.00
Gasoline/Oil	264.13	3,413.24	4,794.24	20,000.00
Computer and Support Services	19.37	-	19.37	2,000.00
Emergency Communications	811.55	4,516.59	22,147.08	75,000.00
Sludge Management	3,772.50	32,110.45	92,989.54	225,000.00

	PRIOR MONTH	CURRENT MONTH	YTD	BUDGET
Professional Services	2,517.98	2,109.02	7,703.26	35,000.00
Residential Reimbursement	6,743.79	-	6,743.79	10,000.00
Compliance Requirements/Permits	17,500.00	-	17,500.00	30,000.00
GIS	-	-	-	10,000.00
	<u>133,709.99</u>	<u>114,199.69</u>	<u>433,249.39</u>	<u>1,432,000.00</u>

Expenditures (continued)

CAPITAL IMPROVEMENTS

New Construction	16,265.49	567.50	34,967.76	1,500,000.00
Plant Equipment	-	4,000.00	13,974.00	530,000.00
Collection System	6,721.00	52,550.20	109,842.20	800,000.00
Vehicles	-	-	-	75,000.00
Legal Expense	-	-	-	5,000.00
Engineering Expense	-	-	-	375,000.00
Bond, Finance Consulting Expense	-	-	-	1,000.00
	<u>22,986.49</u>	<u>57,117.70</u>	<u>158,783.96</u>	<u>3,286,000.00</u>

BOND TRANSFERS

2008 Debt Certificates, Principal	-	-	-	120,000.00
2008 Debt Certificates, Interest	-	-	-	38,000.00
Administration Fees - 2008 Debt Certs	-	-	-	2,000.00
	<u>-</u>	<u>-</u>	<u>-</u>	<u>160,000.00</u>

Series 2014 Bond, Principal	-	-	-	115,000.00
Series 2014 Bond, Interest	-	-	-	104,000.00
Administration Fees - 2014 Series Bond	-	-	-	2,000.00
	<u>-</u>	<u>-</u>	<u>-</u>	<u>221,000.00</u>

CONTINGENT AND MISCELLANEOUS EXPENSES

Not Otherwise Appropriated	-	-	-	3,000.00
	<u>-</u>	<u>-</u>	<u>-</u>	<u>3,000.00</u>

TOTAL EXPENDITURES 226,820.99 254,760.76 891,887.34 6,169,500.00

EXCESS OF REVENUES OVER (UNDER) EXPENDITURES 542,545.99 (125,052.73) 658,292.57 (1,914,000.00)

		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	850,243.32	651,629.61	686,364.52
First National Bank - Certificate Fund	Bond & Int	74,282.23	87,784.20	47,279.38
First National Bank - Depreciation Account	Construction	2,622,597.78	2,630,096.88	2,293,898.81
First National Bank - Surplus Funds	Construction	35,758.59	35,191.99	52,021.58
First National Bank - Bond & Interest Fund	Bond & Int	841,968.63	900,590.55	828,722.37
First National Bank - Sinking Fund	Bond & Int	1,111,830.25	1,126,601.91	1,082,289.01
Algonquin Bank & Trust - Cash Mgr.	O&M	1,274,404.29	1,298,224.06	1,014,741.33
Algonquin Bank & Trust - Operating	O&M	365.00	158.00	166.00
Home State Bank	O&M	36,812.26	CLOSED	35,060.80
Illinois State Bank	O&M	CLOSED	CLOSED	CLOSED
Credit Cards	O&M	(1,280.90)	(1,388.91)	(727.13)
TOTAL ENDING CASH AND INVESTMENTS		<u>6,846,981.45</u>	<u>6,728,888.29</u>	<u>6,039,816.67</u>

SEWERAGE FUNDS

LAKE IN THE HILLS SANITARY DISTRICT
MONTHLY TREASURER REPORT - GOVERNMENTAL FUNDS
 Month of August, 2021

	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	\$ 1,434,190.17	\$ 1,412,786.21	\$ 1,179,078.27
Credit Cards	-	-	-
TOTAL BEGINNING CASH AND INVESTMENTS	<u>1,434,190.17</u>	<u>1,412,786.21</u>	<u>1,179,078.27</u>

	PRIOR MONTH	CURRENT MONTH	YTD	BUDGET
Revenues and Receipts				
Real Estate Taxes				
General Fund	6,546.34	10,171.69	206,241.43	375,000.00
Audit Fund	87.44	135.85	2,754.62	5,000.00
Chlorination Fund	0.29	0.46	9.30	10.00
Liability Insurance Fund	872.98	1,356.42	27,502.90	50,000.00
Social Security Fund	1,134.82	1,763.28	35,752.43	65,000.00
Retirement Fund	2,705.90	4,204.43	85,249.33	155,000.00
Replacement Taxes	494.12	62.83	1,235.04	-
Rebates or Grants Received	-	-	-	
Interest Income	36.56	35.96	136.82	1,000.00
TOTAL REVENUES AND RECEIPTS	<u>11,878.45</u>	<u>17,730.92</u>	<u>358,881.87</u>	<u>651,010.00</u>

Expenditures

GENERAL FUND

PERSONNEL SERVICES

Salaries of Trustees, Manager, Treasurer & Clerk

15,013.60	15,083.80	60,015.40	190,000.00
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CONTRACTUAL SERVICES

Professional Engineering

2,122.00	5,290.00	10,659.00	66,000.00
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Legal Services

-	2,325.30	5,081.55	35,000.00
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Other Professional Services

-	-	-	5,000.00
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<u>2,122.00</u>	<u>7,615.30</u>	<u>15,740.55</u>	<u>106,000.00</u>
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ADMINISTRATIVE EXPENSES

Printing, Publications

807.82	725.00	1,585.84	5,000.00
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Office Supplies, Equipment

-	-	-	2,500.00
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Postage

-	132.35	255.20	1,500.00
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Treasurer's Bond

-	-	-	4,000.00
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Community Affairs

-	-	-	1,000.00
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Memberships and Dues

-	-	-	4,000.00
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<u>807.82</u>	<u>857.35</u>	<u>1,841.04</u>	<u>18,000.00</u>
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OPERATING EXPENSES

Building and Grounds Upkeep

-	-	-	15,000.00
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Utilities

1,725.29	3.61	4,814.38	30,000.00
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J.U.L.I.E.

-	-	-	3,000.00
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Training and Education

-	-	-	3,000.00
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Travel Expenses

-	-	-	2,000.00
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Computer Hardware, Software & Support

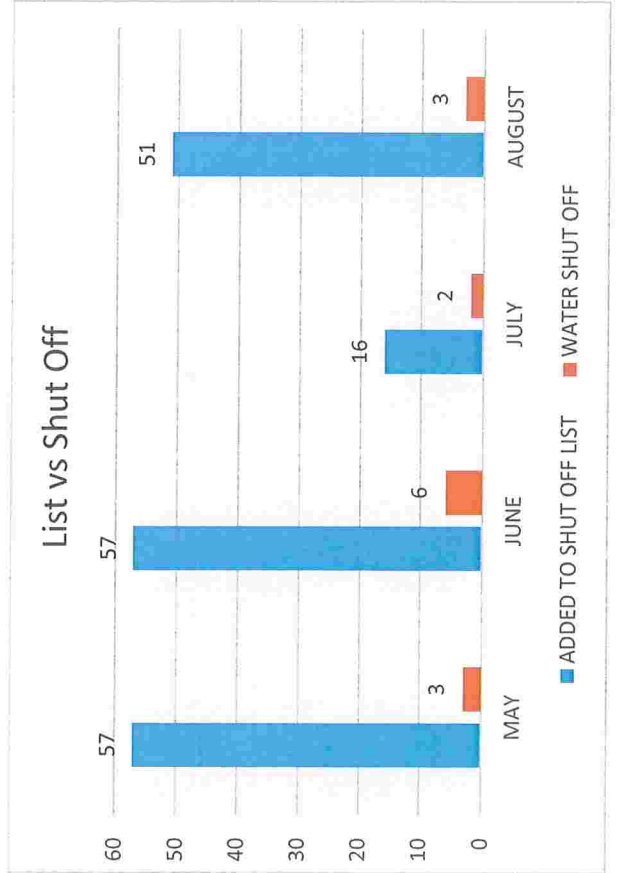
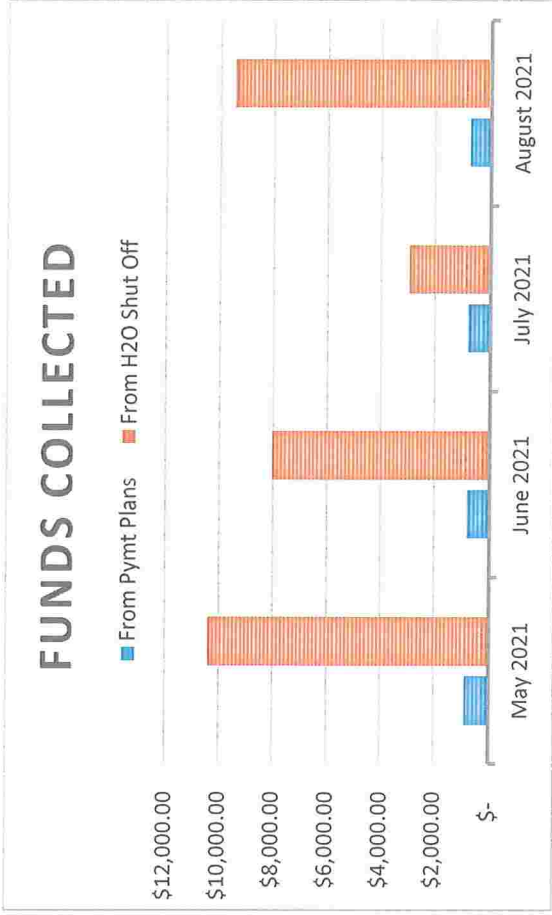
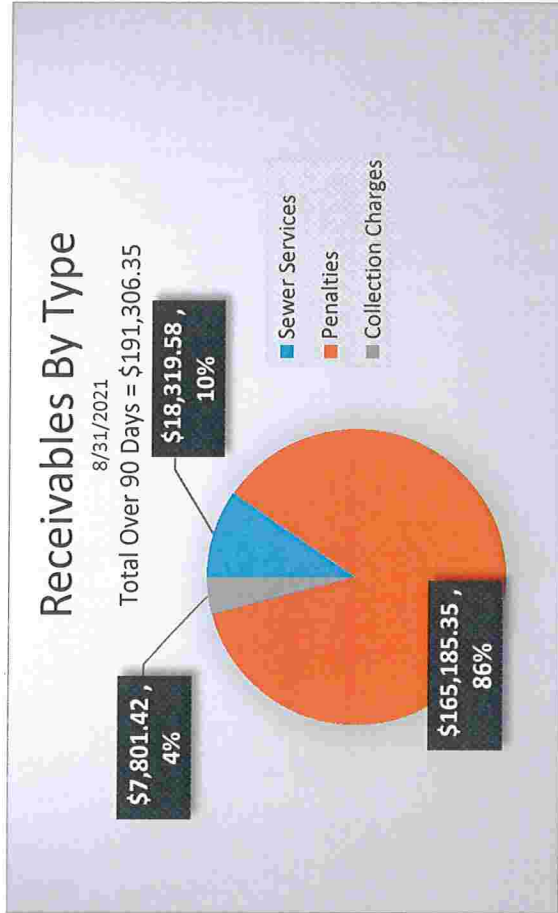
-	-	275.00	7,000.00
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<u>1,725.29</u>	<u>3.61</u>	<u>5,089.38</u>	<u>60,000.00</u>
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	PRIOR MONTH	CURRENT MONTH	YTD	BUDGET
CONTINGENT AND MISCELLANEOUS EXPENSES				
Not Otherwise Appropriated	-	-	-	1,000.00
	-	-	-	1,000.00
TOTAL GENERAL FUND	19,668.71	23,560.06	82,686.37	375,000.00
Expenditures (continued)				
CHLORINATION FUND	-	-	4,364.30	24,000.00
	-	-	4,364.30	24,000.00
AUDIT FUND	-	-	-	20,000.00
	-	-	-	20,000.00
PUBLIC LIABILITY INSURANCE FUND				
Workers' Compensation	-	-	4,786.00	30,000.00
Administrative Fee	-	-	144.00	1,000.00
Property	-	-	-	45,000.00
Vehicles	-	-	-	15,000.00
General Liability	-	-	-	74,000.00
	-	-	4,930.00	165,000.00
SOCIAL SECURITY FUND	4,595.68	4,846.85	17,667.92	65,000.00
IMRF FUND	9,018.02	9,311.20	35,512.53	155,000.00
OTHER EXPENDITURES (RECEIPTS)	-	-	-	-
TOTAL EXPENDITURES	33,282.41	37,718.11	145,161.12	804,000.00
EXCESS OF REVENUES OVER (UNDER) EXPENDITURES	(21,403.96)	(19,987.19)	213,720.75	(152,990.00)
Ending Cash and Investments				
	BANK BAL AT END OF THE PRIOR MONTH	BANK BAL AT END OF THE CURRENT MONTH	BANK BALANCE AT THE END OF MAY	
First National Bank	\$ 1,412,786.21	\$ 1,392,799.02	\$ 1,152,745.37	
Credit Cards	-	-	-	
TOTAL ENDING CASH AND INVESTMENTS	1,412,786.21	1,392,799.02	1,152,745.37	

Accounts Receivable Analysis

August 2021



Monthly Shut Off Summary

Lake in the Hills

- 2 were shut off – both pd in full post shut off.

Huntley

- 1 was shut off -- pd in full post shut off.

Crystal Lake

- None.

**LITH SANITARY DISTRICT
Bills Paid Prior To Meeting
September 16, 2021 Meeting Date**

Name	Memo	Amount
Governmental Fund		
TOTAL GEN FUND BILLS PAID PRIOR TO MEETING		\$ -
O & M Fund		
AT&T Mobility	Emergency Communications	\$ 13.86
Verizon Wireless	Emergency Communications - Cell Phones	\$ 308.02
TOTAL O & M BILLS PAID PRIOR TO MEETING		\$ 321.88

**LITH SANITARY DISTRICT
Recurring Bills
September 16, 2021 Meeting Date**

Name	Memo	Amount
Governmental Fund		
Illinois Municipal Retirement Fund	Employer Portion of IMRF - August 2021	\$ 9,311.20
United States Treasury	District Pd Payroll Taxes (SS & Med)	\$ 4,846.85
TOTAL GOVERNMENTAL FUND RECURRING BILLS		\$ 14,158.05
O & M Fund		
Blue Cross Blue Shield	Medical Insurance Premiums (for August 2021)	\$ 17,305.04
Humana	Specialty Insurance Premiums (for August 2021)	\$ 1,221.85
Payment Service Network	Collection Expenses from July 2021	\$ 5,340.89
United States Postal Svs	Postage - Mailing of Past Due Notices	\$ 566.93
TOTAL O & M RECURRING BILLS		\$ 24,434.71

Approved _____

President Hansen

**LITH SANITARY DISTRICT - Governmental Fund
Bills Presented to Board for Approval
September 16, 2021 Meeting**

Name	Memo	Amount
GOVERNMENTAL FUND BILLS		
Applied Technologies Inc	Prof Engineering Svcs	\$ 3,558.00
IGS Energy	Utilities - Nat Gas Sales July 2021	\$ 3.15
Illinois Public Risk Fund	Public Liab Ins - Workers Comp	\$ 4,930.00
McHenry County Recorder	Computer Exp - 4th Quarter Laredo	\$ 275.00
Storino Ramello & Durkin	Legal Svcs - July 2021	\$ 498.75
TOTAL GOVERNMENTAL FUND BILLS		\$ 9,264.90

**LITH SANITARY DISTRICT - O&M/Sewerage Fund
Bills Presented to Board for Approval
September 16, 2021 Meeting**

Name	Memo	Amount
O & M BILLS		
ATI Environmental Inc. - Midwest Lab	Prof Svcs - Lab	\$ 135.00
Automatic Control Services	Prof Svcs - Calibration of Flowmeters	\$ 2,000.00
Botts Welding & Truck Service, Inc.	Maint/Repair - Plant, Jetter Hose Repair	\$ 25.32
Calco, Ltd. Inc.	Operating Supplies - Lab	\$ 283.00
Cintas Corporation	Operating Supplies - Personnel	\$ 727.25
Constellation New Energy Inc	Utilities - Pyott LS	\$ 122.05
Constellation New Energy Inc	Utilities - Dam LS	\$ 397.98
Constellation New Energy Inc	Utilities - Meadowbrook LS 7/7-8/5	\$ 200.78
Constellation New Energy Inc	Utilities - Beach LS	\$ 59.09
Constellation New Energy Inc	Utilities - Concord LS 7/7-8/5	\$ 819.85
Constellation New Energy Inc	Utilities - Decatur LS	\$ 2,251.44
Constellation New Energy Inc	Utilities - Plant	\$ 21,981.53
Constellation New Energy Inc	Utilities - Concord LS 8/5-9/3	\$ 1,290.95
Constellation New Energy Inc	Utilities - Meadowbrook LS 8/5-9/3	\$ 209.22
Dreisilker Electric Motors Inc	Maint/Repair - Plant, Oxidation Ditch	\$ 629.00
Ed's Rental & Sales, Inc.	Maint/Repair - Plant, Sewer Rod Rental	\$ 74.75
Environmental Systems Research Institute	Computer Expenses - ArcGIS Svcs	\$ 98.00
First National Bank of Omaha - Visa	Office Supplies, Prof Svcs, Op Supplies Personnel, Computer Exp, TT&E Membership	\$ 873.99
Flood Brothers Disposal	Building & Grounds - September 2021 Trash & Recycling	\$ 337.20
Harrell & Son's Lawn Maintenance	Grounds Upkeep - Trim Shrubs & Bushes & Dump Fee	\$ 2,200.00
Harrell & Son's Lawn Maintenance	Grounds Upkeep - August Mowing	\$ 1,500.00
Hawkins, Inc	Sludge Mgt - Aqua Hawk 1124	\$ 3,773.50
Illinois Dept of Employment Security	Personnel Svcs - Unemployment	\$ 4,278.00
Interstate All Battery Center	Maint/Repair - Plant Vehicles, Battery for Gator	\$ 62.45
Joseph D. Foreman & Company, Inc.	Maint/Repair - Plant, Digester #2	\$ 508.00
Kaman Industrial Technologies	Maint/Repair - Plant, Oxidation Ditch	\$ 396.92
Kaman Industrial Technologies	Maint/Repair - Plant, Oxidation Ditch	\$ 490.92
Kaman Industrial Technologies	Maint/Repair - Plant, Oxidation Ditch	\$ 1,507.59

Kaman Industrial Technologies	Maint/Repair - Plant, Oxidation Ditch	\$	1,568.48
Logsdon Office Supply	Office Supplies	\$	105.75
Logsdon Office Supply	Office Supplies	\$	52.27
McHenry County Recorder	Collection Expenses	\$	6.00
Menards	Maint/Repair - Coll Sys Decatur	\$	74.79
Menards	Maint/Repair - Coll Sys Decatur	\$	59.57
Menards	Maint/Repair - Coll Sys Decatur	\$	156.17
Menards	Maint/Repair - Plant, Digester Caps	\$	94.08
Metropolitan Industries, Inc.	Emergency Communications - Metro Cloud Data Svs	\$	445.00
R.N.O.W., Inc.	Maint/Repair - Plant Vehicles, Leader Hose for Vactor	\$	154.62
Storino Ramello & Durkin	Collection Expenses	\$	97.95
Suburban Laboratories, Inc.	Prof Svs - Lab 8/6/21	\$	69.98
Suburban Laboratories, Inc.	Prof Svs - Lab 8/13/21	\$	267.00
Suburban Laboratories, Inc.	Prof Svs - Lab 8/20/21	\$	162.00
Suburban Laboratories, Inc.	Prof Svs - Lab 8/27/21	\$	162.00
Synagro WWT	nada21Cru	\$	21,120.00
TAS United	Emergency Communications	\$	100.00
Technology Masters Inc	Computer Expenses - 8/4/21 Maintenance	\$	764.50
The Home Depot	Operating Supplies & Small Tools (Concrete Drill)	\$	514.92
The UPS Store 2361	Postage	\$	105.50
Third Millennium Associates, Inc.	Collection Expenses, Past Due Notice Rendering	\$	559.66
Village of Lake In The Hills	Utilities - Water	\$	67.63
Warehouse Direct	Computer Exp - Plotter Printer	\$	5,995.00
Warehouse Direct	Prof Svs - Copies	\$	51.50
Water One, Inc.	Operating Supplies - Personnel, Drinking Water	\$	70.00
Wilkens-Anderson	Operating Supplies - Lab	\$	1,164.36
Ziegler's Ace Hardware	Operating Supplies	\$	236.84

TOTAL O&M FUND BILLS

\$ 81,459.35

BOND & INTEREST FUND BILLS

Bank of New York Mellon	Interest Due on 2008 Debt Certificates	\$	18,778.13
Bond Trust Services Corporation	Interest Due on 2014 General Obligation Bonds	\$	51,618.75

TOTAL BOND & INTEREST FUND BILLS

\$ 70,396.88

GRAND TOTAL OF ALL BILLS PRESENTED FOR APPROVAL IS \$200,035.77 OF WHICH \$23,422.95 IS FROM THE GOVERNMENTAL FUND, \$106,215.94 IS FROM THE OPERATIONS AND MAINTENANCE FUND, \$0.00 IS FROM THE CONSTRUCTION FUND, AND \$70,396.88 IS FROM THE BOND AND INTEREST FUND.

Approved _____

President Hansen

MANAGER'S REPORT

Month of August, 2021

Customers

	CURRENT	12/MO TOTAL	Data for Aug 2020
Total accounts:	11,744		
New Customers:	0	9	1
Connections:	5	12	0
Permits Issued:	0	15	0
Permits Issued Past 13 Months:	15		
Total Permits Issued to Date:			
<i>Residential:</i>	10,101		
<i>Commercial:</i>	122		
<i>Industrial:</i>	1		

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

NAME	PE	DWELLINGS	Issued
Arden Rose Home Care	81	3 buildings	1/15/2021

COLLECTION SYSTEM EMERGENCY RESPONSES AND SANITARY SEWER OVERFLOWS

DATE	LOCATION	PROBLEM	DISTRICT PROBLEM
None!			

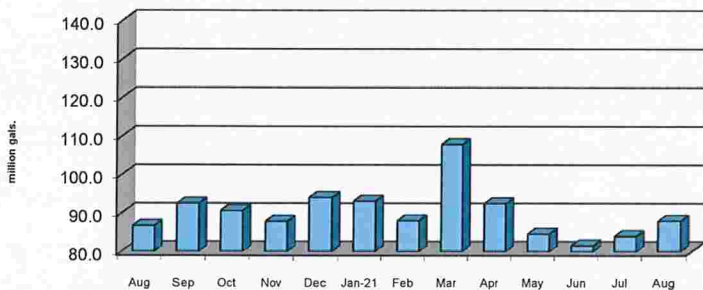
COLLECTION SYSTEM ACTIVITIES

James televised 20 lines totaling 4,623' in the original part of town.
 Staff completed 90 manhole inspections.
 John and Rene cleaned and root cut 12 lines.

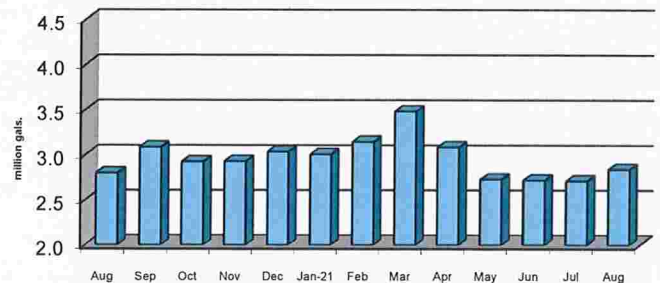
FLOWS

Total Effluent Flow for Month:	87.992	million gallons
Average Daily Flow:	2.838	mgd
Maximum Daily Flow:	3.845	mgd
Precipitation Total:	3.58	inches
Precipitation This Month Last Year:	1.60	inches
Septage Accepted:	610,522	gallons

Total Monthly Flows



Monthly Average Daily Flows



MANAGER'S MONTHLY REPORT

August, 2021

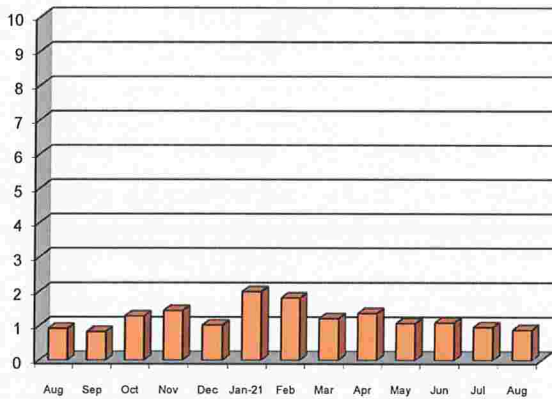
Page 2 of 2

TREATMENT PLANT OPERATIONS

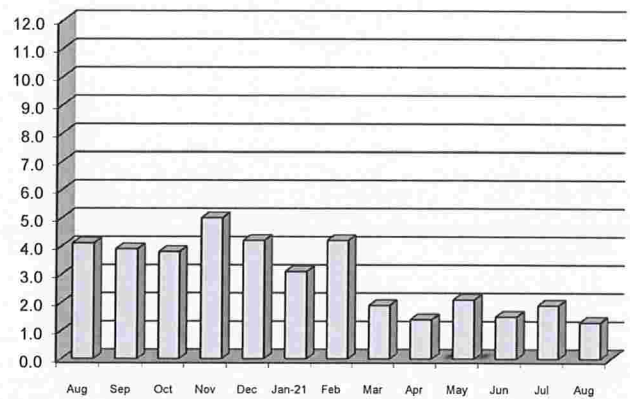
	<u>Average in</u>	<u>Average out</u>	<u>Average % reduction</u>
BOD/CBOD	204 mg/L	0.9 mg/L	99.6%
Total Suspended Solids:	599 mg/L	1.3 mg/L	99.8%
Ammonia Nitrogen:	23.8 mg/L	0.2 mg/L	99.4%
Phosphorus:		0.27 mg/L	
Fecal Coliform:		9.8 MPN	

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:	4.146 million gallons
Decanted:	0.744 million gallons
Thickened:	3.394 million gallons
To Digester:	1.406 million gallons
Pressed:	1.292 million gallons

PERSONNEL ACTIVITIES

Tamara solicited quotes for liability, medical, and workers' comp insurance.

Respectfully submitted,

Tamara C. Mueller
District Manager



Date: September 16, 2021 **Project #:** 6255
To: Tamara Mueller, District Manager and Board of Trustees
Organization: Lake in the Hills Sanitary District
From: Peter E. Kolb, P.E., District Engineer
Regarding: September 2021 District Engineer's Report
Cc: Karen Thompson – District Clerk/Treasurer

1. Barium Discharge Limits

- a. A memorandum on this issue has been drafted and an email was sent to the Villages, so they become aware of an additional restriction on barium needed to meet District permit limits.
- b. The next step is to meet with the Villages of Huntley and Lake in the Hills to discuss the need for a local limit on barium, and have the Villages provide additional information on their discharges. We would ask that they develop a plan on reducing their discharge of barium into the sewer system to enable the District to meet the barium limit at the plant.
- c. ATI will assist the District in developing a local limit for discharges of barium into the sanitary system and incorporate the new limit into the District Ordinance.

2. Treatment Plant Pavement

- a. Several quotes have been solicited to provide seal coating of the Rear Entrance Drive.
- b. The Rear Entrance Drive was replaced 2 years ago, and the life of the pavement would be extended with application of seal coating the surface.
- c. Rose Pavement was determined as providing the most comprehensive quote for materials and application at a price of \$7,488.60 and this work is scheduled to begin installation on Sept 25th.
- d. A plan for other pavement project(s) to make repairs and replacement are in development and a proposed budget will be generated for additional recommended improvements.

3. Holding Tank Refurbishment Project

- a. The sludge holding tank has developed leaks and needs refurbishment.
- b. The tank did have an interior lining project completed in 2017, however that liner appears to have failed.

- c. Staff have dewatered the tank and are cleaning it to allow a structural engineer to make an interior inspection to determine the best course of action for repair. A plan for repair and a preliminary cost estimate will be generated for District consideration.