



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
March 17, 2022
7:00 p.m.**

REGULAR MEETING OF THE BOARD OF TRUSTEES

Pledge of Allegiance

Roll Call

Approval of the Minutes

Public Comments

Consent Agenda

Specific Agenda

- A. Approval of Plat of Vacation & Plat of Easement, 700 Oak Street, Lake in the Hills, Illinois, future site of Arden Rose Home Care.**
- B. Approval of Resolution 412R, "A Resolution Adopting a Remote Attendance Policy".**

Treasurer's Report

Approval of the Bills

Grand total of all bills presented for approval is \$142,249.18 of which \$27,553.37 is from the Governmental Fund, \$93,429.81 is from the Operations and Maintenance Fund, \$21,266.00 is from the Construction Fund, and \$0.00 is from the Bond and Interest Fund.

Manager's Report

Engineer's Report

Attorney's Report

Unfinished Business

New Business



LAKE IN THE HILLS SANITARY DISTRICT

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**AGENDA
REGULAR MEETING
OF THE BOARD OF TRUSTEES
March 17, 2022
7:00 p.m.
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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 Rescheduled Regular Meeting Minutes
February 24, 2022**

Pledge of Allegiance

Roll Call:

The rescheduled 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 and Trustee Jessica Reed. Trustee Russ Ruzanski attended the meeting via telephone, and therefore, will not be voting on any items. The meeting will proceed as there is a quorum physically present.

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

Approval of Minutes:

Motion was made by Trustee Reed and seconded by President Hansen to approve the minutes of the Regular Board Meeting of January 20, 2022 as presented. On a roll call vote, President Hansen and Trustee Reed voted aye.

Public Comments:

None.

Consent Agenda:

None.

Specific Agenda:

None.

Treasurer's Report:

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

District Treasurer also reminded the Board that in March it will be time for the semi-annual review of closed meeting minutes.

Motion was made by President Hansen, seconded by Trustee Reed, to approve the January 2022 Treasurer's reports. On a roll call vote President Hansen 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.

**Lake in the Hills Sanitary District
Board of Trustees Rescheduled Regular Meeting Minutes
February 24, 2022**

Motion was made by President Hansen and seconded by Trustee Reed to approve the List of Bills for payment totaling \$211,687.37 of which \$35,536.98 is from the Governmental Fund, \$126,028.79 is from the Operations and Maintenance Fund, \$50,121.60 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 and Trustee Reed voted aye.

Manager's Report:

District Manager presented a written copy of the January 2022 Manager's Report and a copy of the 2021 Annual Manager's report. She also provided a verbal summary of each.

There were two emergency call outs in January and neither were the District's issue.

Grease trap inspections have been going well and are almost completed. As a result of this program we have noticed less grease in some of the lift stations.

District Manager attended an HR webinar on January 19th.

As noted on the Annual Manager's Report, the municipal water treatment discharge that we received in 2020 & 2021 was exactly the same and is not a typo.

This year we are really hoping to see a reduction in the sludge processing as a result of all of the operational changes that have been made.

Most of the overtime on the annual report is from holiday and weekend rounds and not from emergency situations.

The economic interest statements will be due on May 1st. In March, the County should be sending out notifications of this.

We have received our fiscal year end 2022 audit agreement for President Hansen to sign. The price has increased by \$750.00, but is still well within the price range of other quotes we have received in the past.

We also have an EDMR (Electronic Discharge Monitoring Report) permission form for President Hansen to sign. This is so that our new operator can complete these reports for the IEPA.

The District had a gas leak a few weeks ago from a failure in an underground service line. Nicor was called. The leak was outside, so it did not disrupt plant operations. Kresmery Construction repaired the service line the next morning.

Motion was made by President Hansen and seconded by Trustee Reed to approve the Manager's report. The motion passed after a roll call vote; President Hansen and Trustee Reed voted aye.

Engineer's Report:

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:

**Lake in the Hills Sanitary District
Board of Trustees Rescheduled Regular Meeting Minutes
February 24, 2022**

- 1) Barium Discharge Limits – District Staff and ATI continue to work with the Village of Lake in the Hills regarding the barium issue. At the meeting held on January 18th it was agreed that the District would investigate the use of alum to treat the barium. ATI is working on developing a local limit as well as a limit for treatment of backwash discharged into the sanitary sewer system.
- 2) Treatment Plant Pavement –ATI gave District Manager a couple copies of the plans for her to review. They have also given her some information on a product for erosion control.
- 3) Holding Tank Refurbishment Project – No updates were provided.

President Hansen had a question regarding the local limit for barium. Engineer Doeringsfeld provided detail.

Attorney's Report:

None.

Unfinished Business:

None.

New Business:

District Manager discussed a potential water shed plan for the creek that runs along the west and south border of our facility. The District may qualify for grant money which could cover 60% of the total cost. Estimates are that this improvement project could cost around \$1 million. The District Manager and staff from RES (Resource Environmental Solutions) have walked the creek and found that the quality is not very good. For a couple thousand dollars RES could put together a plan with costs and what the grant would cover. District Manager was seeking input from the Trustees whether this is something we should pursue.

Trustee Reed had a question regarding the need for the project. Trustee Ruzanski provided insight from his experience at the Village of Lake in the Hills where they did the Woods Creek restoration project. District Manager added that from an environmental standpoint it would be better for the creek and wildlife if it were improved. Currently some of the houses that back up to the creek are using pieces of wood where the banks have eroded in an effort to mitigate flood control. There are a couple of homes who actually own part of the creek, with the District owning the rest. If the project is pursued we would reach out to those residents regarding their participation.

Engineer Doeringsfeld also indicated that this project may also qualify for an IEPA low interest loan. The recent federal spending programs have added over \$547 million in additional funds to the IEPA loan program of which 49% is for principal forgiveness or additional grant money.

Trustees concurred that the District should move forward with getting pricing to see how much it would cost for RES to put together the initial plan.

**Lake in the Hills Sanitary District
Board of Trustees Rescheduled Regular Meeting Minutes
February 24, 2022**

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.

The meeting was adjourned at 7:27pm.

Respectfully Submitted,



Karen Thompson,
District Clerk

APPROVED this _____ day of _____, 2022.

President Hansen



March 11, 2022

Tamara Mueller, District Manager
Lake in the Hills Sanitary District
515 Plum Street
Lake in the Hills, IL 60156

Re: Arden Rose Home Care
Final Plat

Dear Ms. Mueller and Board of Trustees:

We are in receipt of the following documents from Gerald L. Heinz & Associates, Inc.

- Plat of Vacation & Plat of Easement, dated 7/30/2020, Latest Revision 1/10/2022

We have reviewed the Plat of Vacation & Plat of Easement for Arden Rose Home Care, located at 700 Oak Street. The property subdivision contains 3 buildings for senior living each served by a separate sanitary sewer service lateral from a single manhole. The granted easement is 10 feet wide by 52 feet long and encompasses the single 8-inch sanitary sewer and Sanitary Manhole No. 1.

We find that all previous comments have been addressed and the Plat is in compliance with the current District Ordinance.

We recommend the District approve and sign the Plat Certificate.

Sincerely,
Applied Technologies, Inc.



Robert Doeringsfeld, P.E.

PLAT OF VACATION & PLAT OF EASEMENT

IN

PARENT PARCEL DESCRIBED AS FOLLOWS:

PART OF THE WEST HALF OF SECTION 21, TOWNSHIP 43 NORTH, RANGE 8 EAST OF THE THIRD PRINCIPAL MERIDIAN, LYING SOUTHWESTERLY OF THE SOUTHWEST RIGHT-OF-WAY LINE OF PLOTT ROAD, BEING DESCRIBED AS FOLLOWS: COMMENCING AT THE SOUTHEASTLY CORNER OF SAID SECTION 21, THENCE SOUTHWESTERLY ALONG THE WEST LINE OF SAID SECTION 21 TO THE PLACE OF BEGINNING, THENCE CONTINUING NORTH 30 DEGREES 59 MINUTES 15 SECONDS EAST ALONG SAID RIGHT-OF-WAY LINE, 451.89 FEET, THENCE SOUTH 91 DEGREES 00 MINUTES 00 SECONDS EAST 741.17 FEET, THENCE SOUTH 41 DEGREES 47 MINUTES 17 SECONDS EAST 42.27 FEET, THENCE SOUTH 41 DEGREES 47 MINUTES 17 SECONDS EAST 17 DEGREES 58 MINUTES 58 SECONDS WEST ALONG A NON-TANGENT CURVE TO THE LEFT, HAVING A RADIUS OF 410.00 FEET, CHORD BEING 105.00 FEET, THENCE SOUTH 41 DEGREES 47 MINUTES 17 SECONDS WEST 314.84 FEET TO THE PLACE OF BEGINNING, IN MCHEERY COUNTY, ILLINOIS.



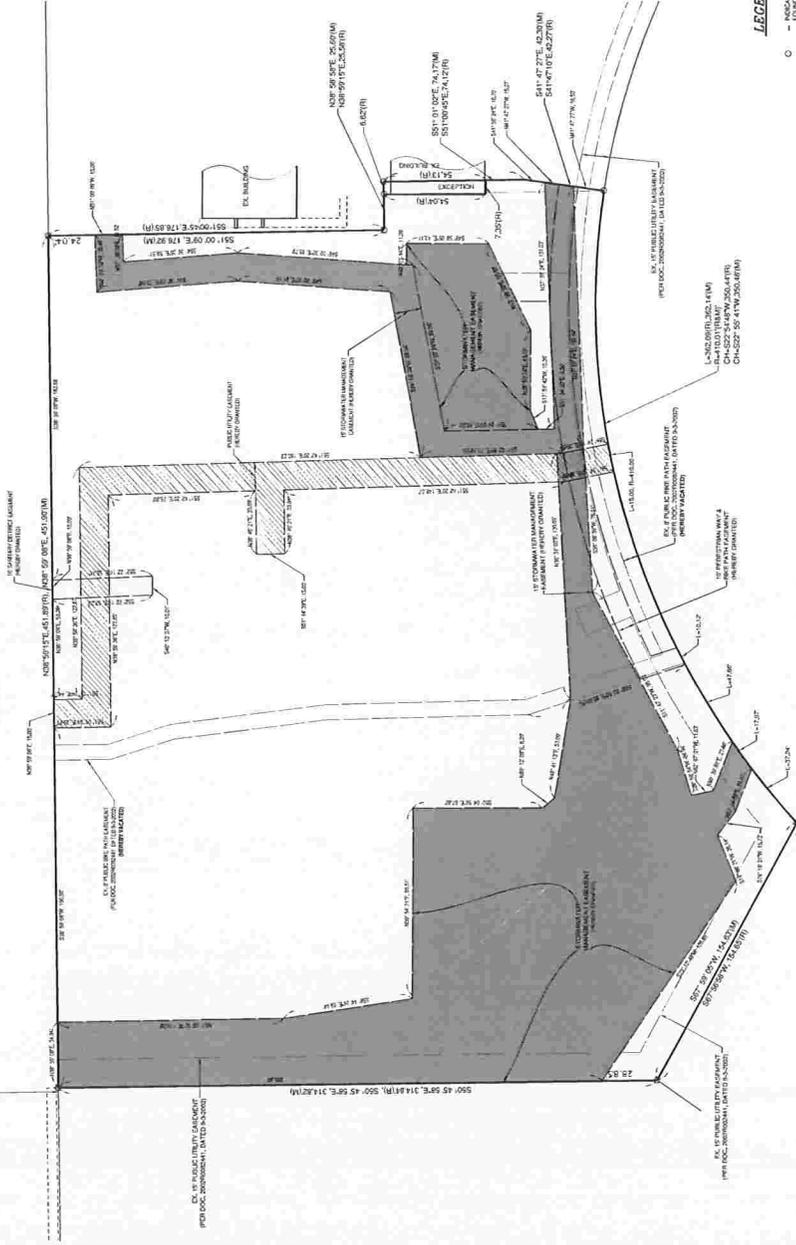
PROPERTY LOCATION

THIS PLAT HAS BEEN SUBMITTED FOR RECORDING BY AND RETURN TO:
NAME: VILLAGE OF LAKE IN THE HILLS
ADDRESS: 1600 HARVEST GATE
LAKE IN THE HILLS, IL 60156

PLAN: 19-21-000061



OAK STREET
(N/F FLOW)



LEGEND

- - INDICATES IRON PIPE
- - INDICATES MARKS OF CORNER
- - INDICATES A/C CORNER
- - INDICATES A/C CORNER
- ▨ - DIMENSIONED EASEMENT
- ▨ - PUBLIC UTILITY EASEMENT

NOTES:
- ALL EASEMENTS OR RIGHTS GRANTED WITHIN THE ABOVE DESCRIBED PARCEL ARE HEREBY VACATED.
- THE VILLAGE WILL NOT BE RESPONSIBLE FOR ANY HARD SURFACE REPAIRS DUE TO WATER MAIN OR SERVICE REPAIR.

CERALD L. HEINZ & ASSOCIATES, INC. CONSULTING ENGINEERS & LAND SURVEYORS 206 NORTH RIVER STREET EAST DUNDEE, ILLINOIS 60118		1. LC-24-21 PER. SOLICITARY DISTRICT COMMENTS 2. DT-10-22 PER. VILLAGE COMMENTS		NO. DATE REVISIONS	NO. DATE REVISIONS	PLAT OF VACATION & PLAT OF EASEMENT	700 OAK STREET LAKE IN THE HILLS, ILLINOIS	DATE: 07/29/2023 JOB NO.: E2524 SCALE: 1"=30' SHEET: 1 OF 2
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RESOLUTION NO. 412R

A Resolution Adopting a Remote Attendance Policy for the Board of the Lake in the Hills Sanitary District

WHEREAS, the Lake in the Hills Sanitary District, State of Illinois, (the “District”) is a sanitary district organized under the Sanitary District Act of 1917; and

WHEREAS, it is in the best interest of Sanitary District residents that the Board is able to meet in accordance with its regularly scheduled meetings, even in cases where a Board member cannot be physically present at the meeting; and

WHEREAS, in accordance with the Open Meetings Act, 5 ILCS 120/7, members of the Sanitary District Board of Trustees should be allowed to remotely attend the District’s public meetings in certain circumstances as enumerated by the Act.

NOW, THEREFORE, BE IT RESOLVED by the President and Board of Trustees of the Lake in the Hills Sanitary District, as follows:

SECTION ONE: Members of the Board of Trustees may attend remotely and participate fully in public meetings of the Sanitary District, by video or audio conference, if the trustee is unable to physically attend because of (a) a personal illness or disability, (b) employment purposes or District business, or (3) a family or other emergency.

SECTION TWO: A quorum must be physically present in order for a trustee to participate remotely.

SECTION THREE: A trustee attending electronically shall be considered present at the meeting and entitled to vote on any matter before the public body, as if the member were physically present at the meeting.

SECTION FOUR: A trustee shall notify the District Manager or the District Clerk in writing or via email of their request to attend remotely no less than 24 hours in advance of the meeting, unless advance notice is impractical.

SECTION FIVE: After establishing that a quorum is physically present at the meeting, the President of the Board of Trustees (or presiding officer) shall state that a trustee has requested to participate in the meeting remotely. The trustee will be authorized to attend electronically unless the public body determines, by motion, that the notice does not comply with the requirements outlined herein. If no such motion is adopted, the presiding officer shall declare the requesting trustee eligible to participate remotely and shall be considered present at the meeting.

SECTION SIX: That this Resolution shall be in full force and effect from and after its passage, approval and publication as required by law.

Ayes:

Nays:

Absent:

Abstain:

APPROVED:

President Eric Hansen

(SEAL)

ATTEST: _____
Clerk Karen Thompson

Passed: _____

Approved: _____

Published: _____

CERTIFICATION

I, KAREN THOMPSON, do hereby certify by my signature affixed below that I am the duly appointed and qualified Clerk of the LAKE IN THE HILLS SANITARY DISTRICT, County of McHenry, 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, Illinois, held on the 17th Day of March, 2022, the foregoing Resolution titled

*A Resolution Adopting a Remote Attendance Policy
for the Board of the Lake in the Hills Sanitary District*

was duly passed and approved by the President and Board of Trustees of the LAKE IN THE HILLS SANITARY DISTRICT, a true and correct copy of which is attached hereto. The passage of said Resolution was on a roll call vote, on which the vote was as follows:

Ayes:

Nays:

Absent:

Abstain:

I do further certify that on _____, 2022, said Resolution was duly published in pamphlet form.

IN WITNESS WHEREOF, I have affixed my name as District Clerk and caused the seal of said District to be affixed hereto this _____ day of _____, 2022.

Clerk Karen Thompson
Lake in the Hills Sanitary District

(SEAL)

LAKE IN THE HILLS SANITARY DISTRICT
MONTHLY TREASURER REPORT - O&M/SEWERAGE FUNDS
 Month of February , 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	670,219.28	910,013.32	812,545.45
First National Bank - Certificate Fund	Bond & Int	123,021.91	135,777.26	33,778.44
First National Bank - Depreciation Account	Construction	2,673,107.04	2,675,072.02	2,280,409.47
First National Bank - Surplus Funds	Construction	45,130.86	39,948.30	20,155.67
First National Bank - Bond & Interest Fund	Bond & Int	927,935.71	937,719.73	761,872.03
First National Bank - Sinking Funds	Bond & Int	1,185,768.00	1,200,561.90	1,067,518.48
Algonquin Bank & Trust - Cash Mgr	O&M	1,481,231.04	1,678,207.88	1,051,983.88
Algonquin Bank & Trust - Operating	O&M	8,284.00	906.00	1,130.00
Home State Bank	O&M	CLOSED	CLOSED	34,814.21
Credit Cards		(647.70)	(1,228.67)	(684.22)

TOTAL BEGINNING CASH AND INVESTMENTS
SEWERAGE FUNDS

7,114,050.14 7,576,977.74 6,063,523.41

	PRIOR MONTH	CURRENT MONTH	YTD	BUDGET
Revenues and Receipts				
Sewer Bill Income/User Charges	689,223.50	85,270.68	2,794,438.66	3,600,000.00
Septage Income	1,200.00	32,717.34	323,893.64	300,000.00
Wastewater Discharge Income	3,289.25	3,633.08	40,994.32	45,000.00
Refunds	(396.86)	(259.20)	(4,792.57)	-
Connection/Tap-On Fees			362,223.00	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	-	-	71,615.39	-
Interest Income	348.35	373.90	2,434.70	5,000.00

TOTAL REVENUES AND RECEIPTS

693,664.24 121,735.80 3,590,807.14 4,255,500.00

Expenditures

PERSONNEL SERVICES

District Personnel Salaries	48,973.58	47,342.53	487,048.62	634,000.00
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ADMINISTRATIVE EXPENSES

Telephone	205.54	205.93	2,063.36	3,000.00
Postage	-	744.35	14,951.50	22,000.00
Printing and Publications	-	-	-	2,000.00
Office Supplies	550.97	521.14	6,543.19	7,500.00
Billing and Collection Expenses	5,333.96	8,470.31	59,518.16	80,000.00
Professional Services	167.47	91.43	1,348.41	10,000.00
Training, Travel and Education	-	-	307.40	7,000.00
Computer Hardware, Software, and Support	4,952.54	854.94	22,696.88	25,000.00
Community Affairs	-	-	83.15	2,000.00
Medical and Life Insurance	19,703.47	20,549.47	189,358.44	275,000.00
	30,913.95	31,437.57	296,870.49	433,500.00

OPERATIONS AND MAINTENANCE

Operating Supplies	4,592.55	7,047.18	46,332.63	60,000.00
Maintenance and Repair (Plant)	5,360.68	3,486.02	89,498.11	150,000.00
Maintenance and Repair (Collection Systems)	10,515.15	166.03	103,296.51	310,000.00
Utilities and Energy	37,850.16	49,401.59	324,384.08	475,000.00
Grounds Upkeep	-	-	18,735.36	30,000.00
Gasoline/Oil	533.78	2,443.67	9,560.23	20,000.00
Computer and Support Services	-	-	117.37	2,000.00
Emergency Communications	925.20	1,611.51	28,568.96	75,000.00

	PRIOR MONTH	CURRENT MONTH	YTD	BUDGET
Sludge Management	6,000.00	32,221.31	208,888.75	225,000.00
Professional Services	1,038.59	2,754.92	26,924.22	35,000.00
Residential Reimbursement	-	-	6,743.79	10,000.00
Compliance Requirements/Permits	-	-	17,500.00	30,000.00
GIS	-	-	-	10,000.00
	<u>66,816.11</u>	<u>99,132.23</u>	<u>880,550.01</u>	<u>1,432,000.00</u>

Expenditures (continued)

CAPITAL IMPROVEMENTS

New Construction	1,004.00	7,672.00	159,803.69	1,500,000.00
Plant Equipment	103,139.63	43,670.85	184,693.78	530,000.00
Collection System	-	-	109,842.20	800,000.00
Vehicles	-	-	-	75,000.00
Legal Expense	-	-	-	5,000.00
Engineering Expense	1,445.00	-	1,445.00	375,000.00
Bond, Finance Consulting Expense	-	-	-	1,000.00
	<u>105,588.63</u>	<u>51,342.85</u>	<u>455,784.67</u>	<u>3,286,000.00</u>

BOND TRANSFERS

2008 Debt Certificates, Principal	-	-	-	120,000.00
2008 Debt Certificates, Interest	-	-	18,778.13	38,000.00
Administration Fees - 2008 Debt Certs	750.00	-	750.00	2,000.00
	<u>750.00</u>	<u>-</u>	<u>19,528.13</u>	<u>160,000.00</u>

Series 2014 Bond, Principal	-	-	-	115,000.00
Series 2014 Bond, Interest	-	-	51,618.75	104,000.00
Administration Fees - 2014 Series Bond	750.00	-	750.00	2,000.00
	<u>750.00</u>	<u>-</u>	<u>52,368.75</u>	<u>221,000.00</u>

CONTINGENT AND MISCELLANEOUS EXPENSES

Not Otherwise Appropriated	-	-	92.72	3,000.00
	<u>-</u>	<u>-</u>	<u>92.72</u>	<u>3,000.00</u>

TOTAL EXPENDITURES 253,792.27 229,255.18 2,192,243.39 6,169,500.00

EXCESS OF REVENUES OVER (UNDER) EXPENDITURES 439,871.97 (107,519.38) 1,398,563.75 (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	910,013.32	750,190.50	686,364.52
First National Bank - Certificate Fund	Bond & Int	135,777.26	149,282.54	47,279.38
First National Bank - Depreciation Account	Construction	2,675,072.02	2,682,107.96	2,293,898.81
First National Bank - Surplus Funds	Construction	39,948.30	29,828.59	52,021.58
First National Bank - Bond & Interest Fund	Bond & Int	937,719.73	995,005.92	828,722.37
First National Bank - Sinking Fund	Bond & Int	1,200,561.90	1,215,351.39	1,082,289.01
Algonquin Bank & Trust - Cash Mgr.	O&M	1,678,207.88	1,650,582.80	1,014,741.33
Algonquin Bank & Trust - Operating	O&M	906.00	20.00	166.00
Home State Bank	O&M	CLOSED	CLOSED	35,060.80
Credit Cards	O&M	(1,228.67)	(1,231.84)	(727.13)

TOTAL ENDING CASH AND INVESTMENTS 7,576,977.74 7,471,137.86 6,039,816.67

SEWERAGE FUNDS

LAKE IN THE HILLS SANITARY DISTRICT
MONTHLY TREASURER REPORT - GOVERNMENTAL FUNDS
 Month of February, 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	\$ 1,432,262.43	\$ 1,386,939.50	\$ 1,179,078.27
Credit Cards	(93.75)	(1,045.63)	-
TOTAL BEGINNING CASH AND INVESTMENTS	1,432,168.68	1,385,893.87	1,179,078.27

	PRIOR MONTH	CURRENT MONTH	YTD	BUDGET
Revenues and Receipts				
Real Estate Taxes				
General Fund	-	-	374,582.80	375,000.00
Audit Fund	-	-	5,003.03	5,000.00
Chlorination Fund	-	-	16.89	10.00
Liability Insurance Fund	-	-	49,951.70	50,000.00
Social Security Fund	-	-	64,934.80	65,000.00
Retirement Fund	-	-	154,832.78	155,000.00
Replacement Taxes	626.91	-	2,856.05	-
Rebates or Grants Received	-	-	2,197.00	-
Interest Income	60.54	52.99	511.24	1,000.00
TOTAL REVENUES AND RECEIPTS	687.45	52.99	654,886.29	651,010.00

Expenditures

GENERAL FUND

PERSONNEL SERVICES

Salaries of Trustees, Manager, Treasurer & Clerk	14,647.00	14,662.60	153,582.86	190,000.00
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CONTRACTUAL SERVICES

Professional Engineering	2,154.00	4,881.00	45,289.47	66,000.00
Legal Services	682.50	1,032.50	9,675.30	35,000.00
Other Professional Services	-	-	-	5,000.00
	2,836.50	5,913.50	54,964.77	106,000.00

ADMINISTRATIVE EXPENSES

Printing, Publications	395.38	161.32	2,875.68	5,000.00
Office Supplies, Equipment	256.83	-	2,225.72	2,500.00
Postage	-	-	387.55	1,500.00
Treasurer's Bond	-	-	3,000.00	4,000.00
Community Affairs	-	-	93.75	1,000.00
Memberships and Dues	300.00	-	524.00	4,000.00
	952.21	161.32	9,106.70	18,000.00

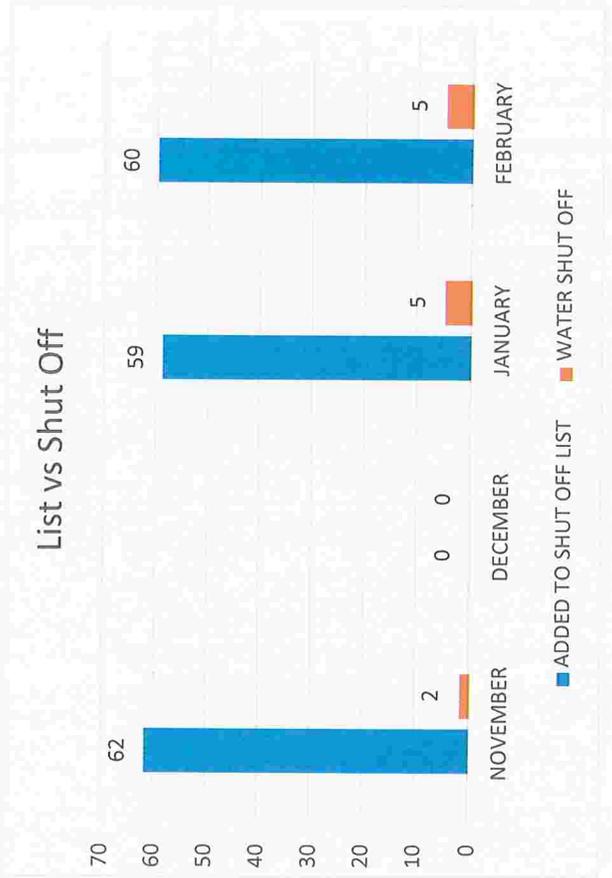
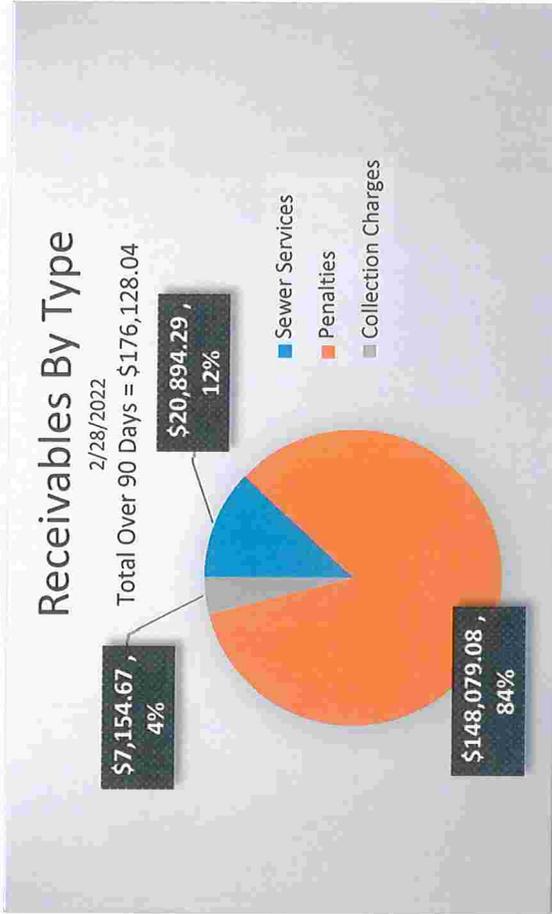
OPERATING EXPENSES

Building and Grounds Upkeep	340.06	716.00	7,056.06	15,000.00
Utilities	9,847.28	8,894.67	25,290.54	30,000.00
J.U.L.I.E.	-	-	2,369.27	3,000.00
Training and Education	-	240.00	640.00	3,000.00
Travel Expenses	-	-	-	2,000.00
Computer Hardware, Software & Support	398.80	1,321.95	4,096.86	7,000.00
	10,586.14	11,172.62	39,452.73	60,000.00

	PRIOR MONTH	CURRENT MONTH	YTD	BUDGET
CONTINGENT AND MISCELLANEOUS EXPENSES				
Not Otherwise Appropriated	-	-	150.00	1,000.00
	-	-	150.00	1,000.00
TOTAL GENERAL FUND	29,021.85	31,910.04	257,257.06	375,000.00
Expenditures (continued)				
CHLORINATION FUND	3,761.55	-	15,516.95	24,000.00
	3,761.55	-	15,516.95	24,000.00
AUDIT FUND	-	-	12,000.00	20,000.00
	-	-	12,000.00	20,000.00
PUBLIC LIABILITY INSURANCE FUND				
Workers' Compensation	-	4,225.00	18,023.00	30,000.00
Administrative Fee	-	127.00	541.00	1,000.00
Property	-	-	28,884.00	45,000.00
Vehicles	-	-	8,108.00	15,000.00
General Liability	-	-	14,591.00	74,000.00
	-	4,352.00	70,147.00	165,000.00
SOCIAL SECURITY FUND	4,866.99	4,743.37	48,004.78	65,000.00
IMRF FUND	9,311.87	9,069.72	95,167.04	155,000.00
OTHER EXPENDITURES (RECEIPTS)	-	-	-	-
TOTAL EXPENDITURES	46,962.26	50,075.13	498,092.83	804,000.00
EXCESS OF REVENUES OVER (UNDER) EXPENDITURES	(46,274.81)	(50,022.14)	156,793.46	(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	\$ 1,386,939.50	\$ 1,337,158.68	\$ 1,152,745.37	
Credit Cards	(1,045.63)	(1,286.95)	-	
TOTAL ENDING CASH AND INVESTMENTS	1,385,893.87	1,335,871.73	1,152,745.37	

Accounts Receivable Analysis

February 2022



Monthly Shut Off Summary

Lake in the Hills

- 5 shut off – All pd in full post shut off.

Huntley

- None.

Crystal Lake

- None.

**LITH SANITARY DISTRICT
Bills Paid Prior To Meeting
March 17, 2022 Meeting Date**

Name	Memo	Amount
Governmental Fund		
TOTAL GOV FUND BILLS PAID PRIOR TO MEETING		\$ -
O & M Fund		
AT&T	Emergency Communications	\$ 13.64
TAS United	Emergency Communications	\$ 100.00
United States Postal Service	Postage - Purchase of Stamps	\$ 148.00
Verizon Wireless	Emergency Communications	\$ 386.35
Village of Lake in the Hills	Utilities - Water	\$ 108.06
TOTAL O & M BILLS PAID PRIOR TO MEETING		\$ 756.05

**LITH SANITARY DISTRICT
Recurring Bills
March 17, 2022 Meeting Date**

Name	Memo	Amount
Governmental Fund		
United States Treasury	District Pd Payroll Taxes (SS & Med)	\$ 4,743.37
Illinois Municipal Retirement Fund	Employer Portion of IMRF - February 2022	\$ 9,069.72
TOTAL GOVERNMENTAL FUND RECURRING BILLS		\$ 13,813.09
O & M Fund		
Blue Cross Blue Shield	Medical Insurance Premiums (for February 2022)	\$ 19,110.21
Humana	Specialty Insurance Premiums (for February 2022)	\$ 1,439.26
Payment Service Network	Collection Expenses from January 2022	\$ 5,302.70
United States Postal Service	Postage - Mailing of Past Due Notices	\$ 623.39
TOTAL O & M RECURRING BILLS		\$ 26,475.56

Approved _____

President Hansen

**LITH SANITARY DISTRICT - Governmental Fund
Bills Presented to Board for Approval
March 17, 2022 Meeting**

Name	Memo	Amount
GOVERNMENTAL FUND BILLS		
Applied Technologies	Contractual Svs - Engineering	\$ 1,944.00
First National Bank of Omaha - Visa	Computer Expenses - SSL Renewal	\$ 189.98
First National Bank of Omaha - Visa	Computer Exp, Training & Education, Operating Supplies	\$ 1,096.97
Hawkins Inc	Chlorination - Alum Sulfate	\$ 1,613.55
Pitney Bowes	Postage - Meter Rental	\$ 132.35
Vanguard Energy Services	Utilities- Nat Gas	\$ 6,500.04
Village of Lake In The Hills	Operating Expenses - JULIE 2022	\$ 2,263.39
TOTAL GOVERNMENTAL FUND BILLS		\$ 13,740.28

**LITH SANITARY DISTRICT - O&M/Sewerage Fund
Bills Presented to Board for Approval
March 17, 2022 Meeting**

Name	Memo	Amount
O & M BILLS		
Andritz Separation	Maint/Repair - Plant	\$ 247.16
Andritz Separation	Maint/Repair - Plant	\$ 692.09
AutoZone, Inc.	Maint/Repair - Plant Vehicles, Wiper Blades	\$ 66.18
AutoZone, Inc.	Maint/Repair - Plant Vehicles, Mini bulbs - Dakota	\$ 3.19
Botts Welding & Truck Service	Maint/Repair - Plant	\$ 187.00
Cintas Corporation #355	Operating Supplies - Personnel 2/22/22	\$ 122.68
Constellation New Energy Inc	Utilities- Pyott 12/10-1/13/22	\$ 387.43
Constellation New Energy Inc	Utilities - Decatur	\$ 2,363.08
Constellation New Energy Inc	Utilities - Concord	\$ 1,018.89
Constellation New Energy Inc	Utilities - Meadowbrook	\$ 285.94
Constellation New Energy Inc	Utilities - Plant	\$ 22,153.02
Constellation New Energy Inc	Utilities - Pyott 1/13-2/14/22	\$ 365.10
Constellation New Energy Inc	Utilities - Dam	\$ 344.82
Constellation New Energy Inc	Utilities - Beach	\$ 69.95
DiLar's Embroidery & Monograms	Operating Supplies - Personnel, Logo Clothing	\$ 583.50
DiLar's Embroidery & Monograms	Operating Supplies - Personnel, Logo Clothing	\$ 472.75
Ferguson Ent (dba Pollardwater)	Operating Supplies - Safety, Harness Lanyard	\$ 52.00
Ferguson Ent (dba Pollardwater)	Operating Supplies - Safety, Hard Hats	\$ 47.00
Ferguson Ent (dba Pollardwater)	Operating Supplies - Safety, Hard Hats	\$ 47.00
Ferguson Ent (dba Pollardwater)	Operating Supplies - Safety	\$ 168.00
First National Bank of Omaha - Visa	Operating Supplies, Pro Svs, Telephone, Computer Exp	\$ 891.78
Flood Brothers Disposal & Recycling Svs	Bldgs & Grounds - March Trash Svs	\$ 337.20
Fox River Study Group	Permits & Fees	\$ 8,250.00
Grainger, Inc.	Operating Supplies - Rubber Boots	\$ 187.37
H.R. Stewart, Inc.	Maint/Repair - Plant, Bldgs & Grounds, Heat Exchanger Lab	\$ 3,280.00
Illini Autolift & Equipment Inc	Pro Svs - Auto Lift Lock Air Leak	\$ 322.00

Illini Power Products, Corp.	Pro Svs - Generator Maintenance	\$	2,831.00
Interstate All Battery Center	Maint/Repair - Coll Sys, Meadowbrook	\$	137.10
Joseph D Foreman & Company	Maint/Repair - Plant	\$	199.00
Logsdon Office Supply	Office Supplies	\$	260.93
Logsdon Office Supply	Office Supplies	\$	4.20
Marc Kresmery Construction LLC	Maint/Repair - Plant, Gas Leak Repair	\$	3,393.68
McHenry County Recorder	Collection Expenses - February 2022	\$	1.50
McMaster-Carr Supply Company	Maint/Repair - Plant	\$	61.06
Menards	Operating Supplies	\$	110.66
Menards	Maint/Repair - Plant	\$	1,708.00
Menards	Operating Supplies	\$	34.28
Menards	Operating Supplies	\$	66.49
PetroChoice LLC	Gas/Fuel	\$	286.14
Standard Equipment Company	Operating Supplies - Safety	\$	1,058.20
Suburban Laboratories, Inc.	Pro Svs - Lab	\$	790.20
Synagro-WWT, Inc.	Sludge Management - February 2022	\$	10,440.00
Technology Masters Inc	Computer Expenses - Maintenance	\$	700.00
United Laboratories	Operating Supplies	\$	323.71
Village of Lake In The Hills	Collection Expenses - 2/22/22 Water Shut Offs	\$	315.00
Warehouse Direct	Pro Svs - Copies	\$	15.90
Water One	Oper Supplies - Personnel - Drinking Water Equip Rental	\$	22.50
Ziegler's Ace Hardware	Operating Supplies	\$	493.52

TOTAL O&M FUND BILLS

\$ 66,198.20

CONSTRUCTION FUND BILLS

Applied Technologies Inc	New Const - Engineering, 21-01 Front Drive Pavement	\$	21,266.00
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TOTAL CONSTRUCTION FUND BILLS

\$ 21,266.00

GRAND TOTAL OF ALL BILLS PRESENTED FOR APPROVAL IS \$142,249.18 OF WHICH \$27,553.37 IS FROM THE GOVERNMENTAL FUND, \$93,429.81 IS FROM THE OPERATIONS AND MAINTENANCE FUND, \$21,266.00 IS FROM THE CONSTRUCTION FUND, AND \$0.00 IS FROM THE BOND AND INTEREST FUND.

Approved _____

President Hansen

MANAGER'S REPORT

Month of February, 2022

<u>Customers</u>	CURRENT	12/MO TOTAL	Data for Feb 2021
	Total accounts:	11,747	
New Customers:	0	10	0
Connections:	0	11	0
Permits Issued:	0	14	0
Permits Issued Past 13 Months:	14		
Total Permits Issued to Date:			
<i>Residential:</i>	10,105		
<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
2/4/2022	1221 Crystal Lake Road	bathroom fixtures not draining	yes

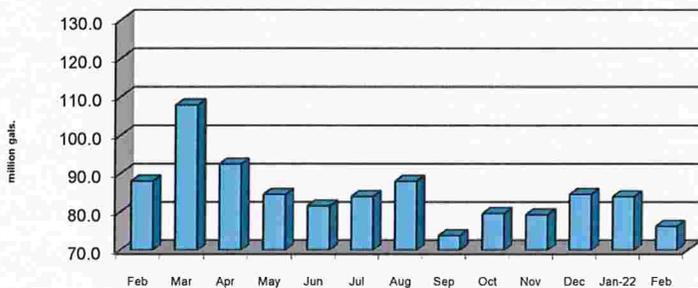
COLLECTION SYSTEM ACTIVITIES

Kresmery Construction repaired 25 more manholes as part of our I&I reduction program.
James inspected 13 additional grease traps, so only 7 remain to complete the 2022 inspections.

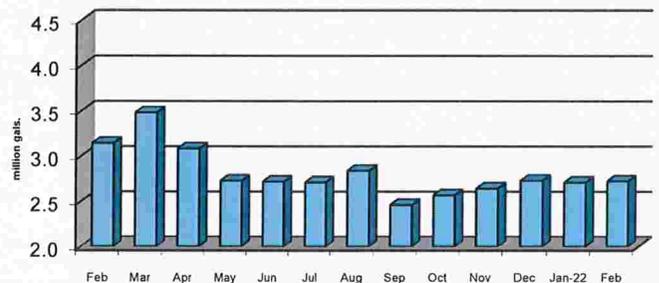
FLOWS

Total Effluent Flow for Month:	76.233	million gallons
Average Daily Flow:	2.723	mgd
Maximum Daily Flow:	2.688	mgd
Precipitation Total:	2.60	inches
Precipitation This Month Last Year:	1.97	inches
Septage Accepted:	174,911	gallons

Total Monthly Flows



Monthly Average Daily Flows



MANAGER'S MONTHLY REPORT

February 2022

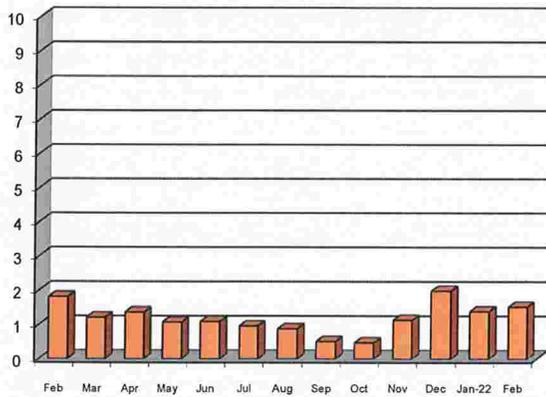
Page 2 of 2

TREATMENT PLANT OPERATIONS

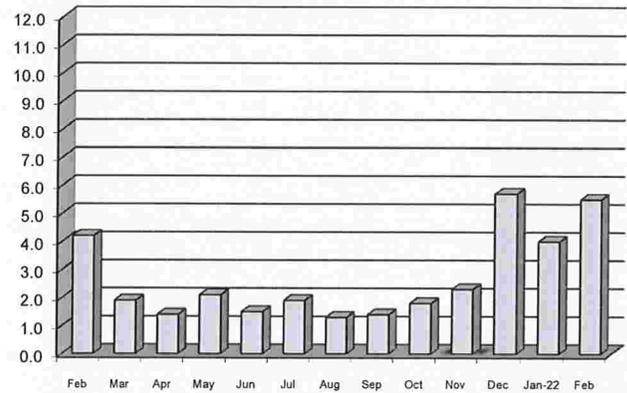
	<u>Average in</u>	<u>Average out</u>	<u>Average % reduction</u>
BOD/CBOD	196 mg/L	1.5 mg/L	99.2%
Total Suspended Solids:	341 mg/L	5.5 mg/L	98.4%
Ammonia Nitrogen:	17.7 mg/L	0.3 mg/L	98.1%
Phosphorus:		0.12 mg/L	
Fecal Coliform:		345 MPN	

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:	2.310 million gallons
Decanted:	0.667 million gallons
Thickened:	1.850 million gallons
To Digester:	0.969 million gallons
Pressed:	0.989 million gallons

PERSONNEL ACTIVITIES

Staff were interviewed on 2/11/22 by Metropolitan regarding MetroCloud SCADA, to be featured in upcoming newsletter.

Respectfully submitted,

Tamara C. Mueller
District Manager



Date: March 17, 2022 **Project #:** 6255
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: March 2022 District Engineer's Report
Cc: Karen Thompson – District Clerk/Treasurer

1. **Barium Discharge Limits** (No change from last meeting)
 - a. At a meeting held on 1/18/22 with the Village of Lake in the Hills it was agreed that the District would investigate the addition of alum (aluminum sulfate) for barium removal/disposal and determine the costs of such a treatment process. The District is currently conducting a full-scale pilot test to determine effectiveness and treatment costs.
 - b. On a parallel track ATI is working on developing a local limit as well as a limit for water treatment backwash facilities for discharges of barium into the sanitary sewer system. Initial submission of proposed limits will be sent to the IEPA for review and comment.
 - c. After IEPA input ATI will make recommendations to the District on incorporating new local barium limits into the District's Ordinance.
2. **Treatment Plant Pavement**
 - a. Task Order No. 21-01 for the design and preparation of construction documents for the repair and reconstruction of the Front Entrance Drive is at 90%.
 - b. Bidding will be conducted in March, Bid Advertisement scheduled for March 24, 2022, with Bid Opening scheduled for April 14, 2022; with project award expected at April 2022 District meeting.
3. **Development Reviews**
 - a. Arden Rose Plat of Vacation & Plat of Easement is recommended for signature.
 - b. Village of Lake in the Hills sent over the South Airport Study Area Improvement Schedule. Potential layouts include mid box buildings ((5), commercial tenant spaces (43), Rowhomes (90), 2-bedroom apartment units (254), manufacturing/flex spaces (34), larger spec buildings (10),
 - c. The District will request expected use (water use) prior to developing an anticipated connection fee/monthly user charge for the development.
4. **Beach Lift Station**
 - a. The Village of Lake in the Hills forwarded a letter from a resident near the Beach Lift Station replacement project, completed in 2020, with several concerns. ATI is working with the District on the history of these issues and preparing a response.