

**LAKE IN THE HILLS SANITARY DISTRICT
AGENDA
REGULAR MEETING
OF THE BOARD OF TRUSTEES
April 11, 2019
7:00 P.M.**

REGULAR MEETING OF THE BOARD OF TRUSTEES

Roll Call

Approval of the Minutes

Public Comments

Consent Agenda

- A. Appointment of Karen Thompson as District Clerk, Applied Technologies as District Engineers, and Peter Kolb as District Engineer, Storino, Ramello & Durkin as District Attorneys, and Ann Williams as District Attorney.**
- B. Approval of salary adjustments as recommended by District Manager.**
- C. Ordinance No. 397 amending Ordinance No. 391 Regarding the Combined Budget and Appropriations for Fiscal Year May 1, 2018, through April 30, 2019 of the Lake in the Hills Sanitary District.**
- D. Award of all three sections of the contract for the Rear Drive Entrance to Schroeder Asphalt Services, Huntley, Illinois, in the amount of \$318,069.85.**
- E. Approval of Task Order No. 19-01 to Applied Technologies for Engineering and Inspection of the Rear Drive Entrance Project in the amount of \$33,552.**
- F. Approval of Application and Certificate for Payment #7 in the amount of \$11,649.89 to AMS Mechanical Systems, Inc. for Aerobic Digester #4 project.**

Specific Agenda

Accountant's Report

**LAKE IN THE HILLS SANITARY DISTRICT
AGENDA REGULAR MEETING OF
THE BOARD OF TRUSTEES
April 11, 2019
7:00 p.m.
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Approval of Bills

Manager's Report

Operations Update

Dump Truck Update

Engineers Report

Attorney's Report

Unfinished Business

New Business

Executive Session

To consider the appointment, employment, compensation, discipline, performance, or dismissal of a specific employee of the public body, including hearing testimony on a complaint lodged against an employee of the public body (5 ILCS 120/2(c)(1)).

Adjournment

**Lake in the Hills Sanitary District
Board of Trustees Regular Meeting Minutes
March 14, 2019**

Roll Call:

The regular meeting was called to order by President Hansen at 7:00 pm at the Sanitary District offices located at 515 Plum Street. Roll call was answered by President Eric Hansen, Trustee Terry Easler and Trustee Cheryl Kehoe. Also present were Assistant District Manager Tamara Mueller, Bob Doeringsfeld on behalf of District Engineer Peter Kolb, District Attorney Ann Williams and District Treasurer/Clerk Karen Thompson

Approval of Minutes:

Motion was made by Trustee Easler and seconded by Trustee Kehoe to approve the Minutes of the Regular Board Meeting of February 14, 2019 as presented. On a roll call vote, President Hansen, Trustee Easler and Trustee Kehoe voted aye.

Public Comments:

None.

Consent Agenda:

- A. Approval of Application and Certificate for Payment #6 in the amount of \$39,332.35 to AMS Mechanical Systems, Inc. for Aerobic Digester #4 project.
- B. Approval of Application and Certificate for Payment #5 and Final in the amount of \$65,900 to Energenecs, Inc. for the Reconfiguration of Existing Hoffman Air Blowers project.
- C. Change Order No. 8 for Sludge Management Project under contract with Synagro Central LLC.
- D. Ratify the purchase of a 1987 Dresser Loader in the amount of \$14,000 from Nierman Landscape and Design, Inc. Woodstock, Illinois.

Motion was made by Trustee Easler and seconded by Trustee Kehoe to approve the Consent Agenda (Items A through D) as presented. On a roll call vote President Hansen and Trustees Easler and Kehoe voted aye.

Specific Agenda:

None.

Accountant's Report:

District Treasurer presented written copies of the February 2019 Treasurer reports and provided a verbal summary. She pointed out that on the O&M side our cash balances have dropped by almost \$1.3 million since the beginning of the fiscal year. This is because we have paid for the Digester #4 and Blower projects. She also stated that February revenue on the O&M side was typical for this point in the billing

cycle. Expenses on the O&M side were a little high because we paid two Synagro invoices in February, made a large payment to AMS for the Digester #4 project, and we purchased a loader. Both revenue and expenses were very typical for this time of year on the Governmental Funds.

Motion was made by Trustee Kehoe seconded by Trustee Easler to approve the February 2019 Treasurer Reports. On a roll call vote President Hansen and Trustees Easler and Kehoe voted aye.

Approval of Bills:

District Treasurer presented a list of bills for approval. She pointed out some of the higher or atypical bills and provided some detail. Lastly, she indicated that she has copies of the bills on hand if any of the Trustees would like to look at them.

Motion was made by Trustee Kehoe and seconded by Trustee Easler to approve the List of Bills as presented for payment totaling \$ 369,134.01 with \$ 28,166.47 from the General Corporate Fund, \$ 177,643.65 from the Operations and Maintenance Fund, \$ 32,327.00 from the Construction Fund and \$ 130,996.89 from the Bond and Interest Fund.

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

Manager's Report:

District Manager was absent but had prepared a written report which was presented to the Board. Assistant District Manager provided a verbal report. She stated that both the District Manager and the Chief Operator attended a conference in Springfield where the District was nominated for an award. It was an honor to be nominated, but unfortunately, we did not win. The award nominating committee indicated that although it was a close and difficult decision, we did not win because our garage was a little messy. That is something we can improve upon in the future.

Motion was made by Trustee Easler, seconded by Trustee Kehoe to approve the February 2019 Manager's report as presented. On a roll call vote President Hansen, Trustee Easler and Trustee Kehoe voted aye.

Engineer's Report:

Bob Doeringsfeld of Applied Technologies provided a written report and a verbal recap.

Regarding Task Order 18-01 (Rear Entrance Drive), the bid will be listed in the Northwest Herald on the 15th and the 22nd of March. They also do a digital distribution via QuestCDN.com. Thru this website, any bidder can get the bid documents digitally for \$15. Two hard copies of the bid packet have been provided to the District so that one can be left on the front counter for bidders who come in to the office. Applied Technologies provided final cost estimates to the District Manager. Their entire estimate was \$440,000. Bidders will be required to bid all three sections, but provide a break down with costs for each section. Bids will be opened April 4th. A recommendation will be made and presented to the Board for award on April 11th. Construction will start in the summer of 2019. After discussion with Hey and Associates, it was determined that the culvert on the far South side is between two Army Corps regulated wetlands. Therefore, they are requesting a "letter of no objections" from the Army Corps of Engineers so that we do not have any issues.

Regarding Task Order 18-02 (Beach Lift Station Rehab), the current wet well does show some deterioration. They are investigating whether to rehab the old one or install a new one. Part of this investigation is to look at the process of bypass pumping for rehabbing the current wet well. Bypass pumping would be reduced if a new wet well is installed instead of rehabbing of the old one. Since bypass pumping can be costly, they are analyzing which option would be the most feasible and cost effective. Construction would start after Labor Day.

Regarding Task Order 18-03 (Electrical Service & Plant Power Distribution), two of their Electrical Engineers were on site for two more visits this month. He believes that they now have all of the information they need. They are now evaluating the priority of needs for improvements. One of the first priorities would be in the filter building. District Manager asked them for some initial cost estimates so they could be included in the capital improvements budget. Applied Technologies will send the draft electrical study specifications to the District next week. After the specifications are done, we can get a 3rd party firm to do the full evaluation for the arc flash, short circuit and protective device coordination studies.

Regarding Task Order 18-04 (Richard Taylor Park Bypass), they are getting JULIE design stage locates. This is just a short 500 ft sewer bypass and they will have the preliminary plans done by the end of this month. They are hoping to present these plans by next month's meeting.

Attorney's Report:

None.

Unfinished Business:

None.

New Business:

None.

Executive Session

President Hansen indicated that we will now go into executive session to consider the appointment, employment, compensation, discipline, performance, or dismissal of a specific employee of the public body, including hearing testimony on a complaint lodged against an employee of the public body (5 ILCS 120/2(c)(1)).

Motion was made by Trustee Kehoe, seconded by Trustee Easler to go into executive session. The motion passed and President Hansen announced that the regular meeting of the Lake in the Hills Sanitary District will recess into executive session at this time. President Hansen indicated that we will not be taking any action following the executive session. The Assistant District Manager, Bob Doeringsfeld and the public attendees left the room.

The Board went into executive session at 7:21 pm . After the executive session, the regular meeting was reconvened at 7:29 pm. Roll call for the regular meeting was answered by President Hansen, and Trustees Easler and Kehoe.

Adjournment:

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

The meeting was adjourned at 7:30 pm.

Respectfully Submitted,



Karen Thompson,
District Clerk

APPROVED this _____ day of _____, 2019 .

President Hansen

COMPENSATION RECOMMENDATION FY 19 - 20

EMPLOYEE	TITLE	YEARS OF SERVICE	CERT LEVEL	CURRENT RATE	CURRENT ANNUAL EQUIVELANT	PROPOSED RATE	PROPOSED ANNUAL EQUIVELANT	PROPOSED % INCREASE	INDUSTRY RANGE*
Rick Forner	Manager	12.8	1	\$116,200.00	\$ 116,200.00	\$ 119,100.00	\$119,100.00	2.5%	\$ 116,200 - 180,000
Tamara Mueller	Assist. Manager	20.5	1	\$ 40.25	\$ 54,418.00	\$ 41.50	\$ 56,108.00	3.1%	\$ 78,000 - 125,000

Sub-Total Annual Management \$ 170,618.00 \$175,208.00

Jerilyn Stalberg	Office Manager	13.9		\$ 54,400.00	\$ 54,400.00	\$ 56,100.00	\$56,100.00	3.1%	\$54,400 - 92,000
Jessica Maioni	Assistant	4.5		\$ 36,500.00	\$ 36,500.00	\$ 36,500.00	\$37,625.00	3.1%	\$ 36,500 - 74,200
Nancy Delaney	PT Assistant	1		\$ 17.50	\$ 20,475.00	\$ 18.00	\$ 21,060.00	2.9%	\$ 36,4000 - 54,600
Karen Thompson	Treasurer/Clerk	4.8		\$ 27.50	\$ 27,885.00	\$ 28.50	\$28,899.00	3.6%	\$ 49,800 - 111,400

Sub-Total Annual Clerical \$ 139,260.00 \$143,684.00

John Caccamo	Maint Supervisor	21.8	4	\$ 36.60	\$ 76,128.00	\$ 37.75	\$78,520.00	3.1%	\$ 68,000 - 120,000
Mike Nelson	Maint Worker 2	13.6	1	\$ 28.60	\$ 59,488.00	\$ 29.50	\$61,360.00	3.1%	\$ 54,000 - 87,000
Future	Maint Worker 1								\$ 41,000 - 69,500

Sub-Total Annual Maintenance \$ 135,616.00 \$139,880.00

Ross K. Nelson	Lead Operator	21.6	1	\$ 29.60	\$ 61,568.00	\$ 36.00	\$74,880.00	21.6%	\$61,600 - 103,100
Jennifer Olson	Lab Tech Part Time	16.2		\$ 19.50	\$ 30,420.00	\$ 20.10	\$ 31,356.00	3.1%	\$40,100 - 82,200
James Olvera	IT Tech/Field Tech	12.8	1	\$ 27.25	\$ 56,680.00	\$ 28.10	\$58,448.00	3.1%	\$ 56,700 - 105,300
Future	Press Operator				\$ -	\$ 22.50	\$46,800.00		\$ 50,900 - 71,500

Sub-Total Annual Operations \$ 148,668.00 \$211,484.00

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473 793
130 000
603793

Total Annual Salaries \$ 594,162.00
Total Annual Operations \$ 670,256.00

* Information obtained from Illinois Association of Wastewater Agencies 2018 Survey, consisting of 25 various agencies.

ORDINANCE NO. 397

An Ordinance Amending Ordinance No. 391 Regarding the Combined Budget and Appropriations for Fiscal Year May 1, 2018, through April 30, 2019, of the Lake in the Hills Sanitary District.

WHEREAS, on May 10, 2018, the President and Board of Trustees of the Lake in the Hills Sanitary District passed Ordinance No. 391, *An Ordinance for the Combined Budget and Appropriations for Fiscal Year May 1, 2018, through April 30, 2019, of the Lake in the Hills Sanitary District*; and

WHEREAS, since the passage of Ordinance No. 391 it has been determined that amendments are needed to the Sewerage Operation and Maintenance Account; and

WHEREAS, 50 ILCS 330/3 provides that a governing body “may from time to time make transfers between the various items in any funds ... not exceeding ten percent of the total amount appropriated in such fund by such ordinance ...” and the needed amendment will not exceed ten percent of the total amount appropriated in such fund.

NOW, THEREFORE, BE IT ORDAINED by the President and Board of Trustees of the LAKE IN THE HILLS SANITARY DISTRICT, McHenry County, Illinois, as follows:

SECTION 1: The Sewerage Operations and Maintenance Account in Ordinance No. 391 shall be amended as follows:

Within Operation and Maintenance Fund, Sewerage and Operations and Maintenance Account, Administrative Expenses:

Transfer \$18,500 from Professional Services to Medical and Life Insurance.

Within Operation and Maintenance Fund, Sewerage and Operations and Maintenance Account, Administrative Expenses:

Transfer \$6,500 from Collection and Billing Expenses to Medical and Life Insurance.

Within Operation and Maintenance Fund, Sewerage and Operations and Maintenance Account, Operation and Maintenance of Plant:

Transfer \$15,000 from Maintenance and Repair (Collection System) to Utilities and Energy.

Within Operation and Maintenance Fund, Sewerage and Operations and Maintenance Account, Operation and Maintenance of Plant:

Transfer \$11,000 from Maintenance and Repair (Collection System) to Emergency Communications.

Within Operation and Maintenance Fund, Sewerage and Operations and Maintenance Account, Operation and Maintenance of Plant:

Transfer \$2,000 from Maintenance and Repair (Collection System) to Gasoline/Oil.

SECTION 2: 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 3: All ordinances or parts of ordinances in conflict herewith are hereby repealed to the extent of such conflict.

SECTION 4: This Ordinance shall be in full force and effect upon its passage, approval and publication in pamphlet form (which publication is hereby authorized) as provided by law.

Ayes:

Nays:

Absent:

Abstain:

APPROVED:

President Eric Hansen

(SEAL)

ATTEST: _____
Clerk Karen Thompson

Passed: _____

Approved: _____

Published: _____



April 5, 2019

Mr. Rick Forner, District Manager
Lake in the Hills Sanitary District
515 Plum Street
Lake in the Hills, IL 60156

Re: Rear Drive Entrance
Evaluation of Bids and Recommendation to Award

Dear Mr. Forner and Board of Trustees:

We have completed our review of bids for the Rear Drive Entrance, as opened at 10:00 a.m. on April 4, 2019. Five bids were received for the project and a summary of the bids are provided below:

Bidding Contractor	Bid Amount
Schroeder Asphalt Services P.O. Box 831, Huntley, IL 60142	\$318,069.85
Chadwick Contracting Company 12 Prosper Court, Lake in the Hills, IL 60456	\$323,338.50
Chicagoland Paving Contractors Inc. 225 Telsler Road, Lake Zurich, IL 60047	\$337,116.35
DK Contractors, Inc. 11013 122nd Street, Pleasant Prairie, WI 53158	\$348,836.70
Copenhaver Construction, Inc. 75 Koppie Drive, Gilberts, IL 60136	\$388,745.00
Applied Technologies, Inc. Estimate	\$440,000.00

See the enclosed bid tabulation.

We have reviewed these bids and based on our review make the following comments and recommendations for the District's consideration:

1. The low bid for the project was submitted by Schroeder Asphalt Services in the amount of \$318,069.85.
2. Schroeder Asphalt Services has experience with this type of project and has completed other similar projects.
3. Applied Technologies Inc. finds Schroeder Asphalt Services to be the lowest, responsive, responsible bidder. We recommend that the Lake in the Hills Sanitary District award all three sections of the Rear Drive Entrance contract to Schroeder Asphalt Services in the amount of \$318,069.85



Lake in the Hills Sanitary District
April 5, 2019
Page 2 of 2

Following the District's Award of the contract, we will send a Notice of Award to the contractor along with copies of the Contract Documents for signature. These will be returned to the District for execution, after which the Notice to Proceed will be issued and a preconstruction conference scheduled.

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

Sincerely,
Applied Technologies, Inc.

A handwritten signature in blue ink that reads "Peter E. Kolb".

Peter E. Kolb, P.E.
Enclosures

TABULATION OF BIDS
REAR DRIVE ENTRANCE
LAKE IN THE HILLS SANITARY DISTRICT
Thursday, April 4, 2019– 10:00 a.m.

Bidding Contractor	Signature	Bid Security Included	Total Bid (\$)
Schroeder Asphalt Services P.O. Box 831 Huntley, IL 60142	X	X	\$318,069.85
Chadwick Contracting Company 12 Prosper Court Lake in the Hills, IL 60456	X	X	\$323,338.50 – As Corrected (\$323,406.90 – As Read)
Chicagoland Paving Contractors Inc. 225 Telsler Road Lake Zurich, IL 60047	X	X	\$337,116.35 – As Corrected (\$337,016.35– As Read)
DK Contractors, Inc. 11013 122nd Street Pleasant Prairie, WI 53158	X	X	\$348,836.70
Copenhaver Construction, Inc. 75 Koppie Drive Gilberts, IL 60136	X	X	\$388,745.00

Tabulation of Bids
Rear Drive Entrance
Lake in the Hills Sanitary District
Thursday, April 4, 2019 - 10:00 a.m.

		Applied Technologies, Inc. Estimate 468 Park Avenue Lake Villa, IL 60046											
Item	Description	Section 1			Section 2			Section 3					
		QTY	Unit Price	Extended	QTY	Unit Price	Extended	QTY	Unit Price	Extended			
1	Pavement Removal	1,965	\$ 10.00	\$ 19,650.00	1,170	\$ 10.00	\$ 11,700.00	890	\$ 10.00	\$ 8,900.00			
2	Earth Excavation	300	\$ 45.00	\$ 13,500.00	215	\$ 45.00	\$ 9,675.00	240	\$ 45.00	\$ 10,800.00			
3	Pipe Culvert Removal	64	\$ 20.00	\$ 1,280.00	44	\$ 20.00	\$ 880.00						
4	Pipe Arch Culvert, Class D, Type I, 15-inch Equivalent Round Size	32	\$ 80.00	\$ 2,560.00									
5	Pipe Arch Culvert, Class D, Type I, 18-inch Equivalent Round Size	32	\$ 80.00	\$ 2,560.00	44	\$ 80.00	\$ 3,520.00						
6	Metal Flared End Section, 15-inch Equivalent Round Size	2	\$ 500.00	\$ 1,000.00									
7	Metal Flared End Section, 18-inch Equivalent Round Size	2	\$ 500.00	\$ 1,000.00	2	\$ 500.00	\$ 1,000.00						
8	Trench Drain, Detail 02999	28	\$ 300.00	\$ 8,400.00									
9	Subgrade Repair	250	\$ 40.00	\$ 10,000.00	300	\$ 40.00	\$ 12,000.00	250	\$ 40.00	\$ 10,000.00			
10	Grading and Shaping Ditches	325	\$ 9.00	\$ 2,925.00									
11	Aggregate Base Course, Type B	1,355	\$ 45.00	\$ 60,975.00	880	\$ 45.00	\$ 39,600.00	650	\$ 45.00	\$ 29,250.00			
12	Hot Mix Surface Removal- Butt Joint	160	\$ 4.00	\$ 640.00	40	\$ 4.00	\$ 160.00	220	\$ 4.00	\$ 880.00			
13	Hot Mix Asphalt Binder Course, IL-19.0, N50	370	\$ 115.00	\$ 42,550.00	220	\$ 115.00	\$ 25,300.00	165	\$ 115.00	\$ 18,975.00			
14	Bituminous Materials (Prime Coat)	4,140	\$ 0.05	\$ 207.00	2,460	\$ 0.05	\$ 123.00	1,870	\$ 0.05	\$ 93.50			
15	Hot-Mix Asphalt Surface Course, Mix "C", N50	250	\$ 90.00	\$ 22,500.00	150	\$ 90.00	\$ 13,500.00	110	\$ 90.00	\$ 9,900.00			
16	Aggregate Shoulders Type B	80	\$ 50.00	\$ 4,000.00	20	\$ 50.00	\$ 1,000.00	30	\$ 50.00	\$ 1,500.00			
17	Erosion Control	1	\$ 1,800.00	\$ 1,800.00	70	\$ 3.00	\$ 210.00	620	\$ 3.00	\$ 1,860.00			
18	Seeding, Class 1A	0.20	\$ 5,000.00	\$ 1,000.00	0.10	\$ 5,000.00	\$ 500.00	0.20	\$ 5,000.00	\$ 1,000.00			
19	Storm Inlet, Detail 02997	2	\$ 2,500.00	\$ 5,000.00									
20	12-inch Dia High Density Polyethylene Dual Wall Drainage Pipe (Smooth Interior)	110	\$ 35.00	\$ 3,850.00									
21	Metal Flared End Section, 12-inch	1	\$ 650.00	\$ 650.00									
22	Concrete Gutter, 24-inch Detail 02998				162	\$ 55.00	\$ 8,910.00						
23	Concrete Curb & Gutter, B6.18, Detail 02100							122	\$ 55.00	\$ 6,710.00			
				\$ 206,047.00			\$ 128,078.00			\$ 99,868.50			
		TOTAL			TOTAL			TOTAL					
										\$ 433,993.50			

Tabulation of Bids
Rear Drive Entrance
Lake in the Hills Sanitary District
Thursday, April 4, 2019 - 10:00 a.m.

		Schroeder Asphalt Service, Inc. P.O. Box 831 Huntley, IL 60142											
Item	Description	Section 1			Section 2			Section 3					
		QTY	Unit Price	Extended	QTY	Unit Price	Extended	QTY	Unit Price	Extended			
1	Pavement Removal	1,965	\$ 8.00	\$ 15,720.00	1,170	\$ 8.00	\$ 9,360.00	890	\$ 8.00	\$ 7,120.00			
2	Earth Excavation	300	\$ 30.00	\$ 9,000.00	215	\$ 30.00	\$ 6,450.00	240	\$ 30.00	\$ 7,200.00			
3	Pipe Culvert Removal	64	\$ 7.35	\$ 470.40	44	\$ 23.00	\$ 1,012.00						
4	Pipe Arch Culvert, Class D, Type J, 15-inch Equivalent Round Size	32	\$ 68.25	\$ 2,184.00									
5	Pipe Arch Culvert, Class D, Type J, 18-inch Equivalent Round Size	32	\$ 78.75	\$ 2,520.00	44	\$ 105.00	\$ 4,620.00						
6	Metal Flared End Section, 15-inch Equivalent Round Size	2	\$ 210.00	\$ 420.00									
7	Metal Flared End Section, 18-inch Equivalent Round Size	2	\$ 262.50	\$ 525.00	2	\$ 315.00	\$ 630.00						
8	Trench Drain, Detail 02999	28	\$ 660.00	\$ 18,480.00									
9	Subgrade Repair	250	\$ 42.00	\$ 10,500.00	300	\$ 42.00	\$ 12,600.00	250	\$ 42.00	\$ 10,500.00			
10	Grading and Shaping Ditches	325	\$ 16.00	\$ 5,200.00									
11	Aggregate Base Course, Type B	1,355	\$ 17.15	\$ 23,238.25	880	\$ 17.15	\$ 15,092.00	650	\$ 17.15	\$ 11,147.50			
12	Hot Mix Surface Removal - Butt Joint	160	\$ 6.00	\$ 960.00	40	\$ 6.00	\$ 240.00	220	\$ 6.00	\$ 1,320.00			
13	Hot Mix Asphalt Binder Course, IL-19.0, N50	370	\$ 76.00	\$ 28,120.00	220	\$ 76.00	\$ 16,720.00	165	\$ 76.00	\$ 12,540.00			
14	Bituminous Materials (Prime Coat)	4,140	\$ 0.01	\$ 41.40	2,460	\$ 0.01	\$ 24.60	1,870	\$ 0.01	\$ 18.70			
15	Hot-Mix Asphalt Surface Course, Mix "C", N50	250	\$ 85.00	\$ 21,250.00	150	\$ 85.00	\$ 12,750.00	110	\$ 85.00	\$ 9,350.00			
16	Aggregate Shoulders Type B	80	\$ 32.00	\$ 2,560.00	20	\$ 38.00	\$ 760.00	30	\$ 32.00	\$ 960.00			
17	Erosion Control	1	\$ 4,700.00	\$ 4,700.00	70	\$ 4.90	\$ 343.00	620	\$ 4.90	\$ 3,038.00			
18	Seeding, Class 1A	0.20	\$ 16,200.00	\$ 3,240.00	0.10	\$ 16,200.00	\$ 1,620.00	0.20	\$ 16,200.00	\$ 3,240.00			
19	Storm Inlet, Detail 02997	2	\$ 1,965.00	\$ 3,930.00									
20	12-inch Dia High Density Polyethylene Dual Wall Drainage Pipe (Smooth Interior)	1.10	\$ 50.40	\$ 5,544.00									
21	Metal Flared End Section, 12-inch	1	\$ 130.00	\$ 130.00									
22	Concrete Gutter, 24-inch Detail 02998				162	\$ 36.75	\$ 5,953.50						
23	Concrete Curb & Gutter, B6.18, Detail 02100							122	\$ 38.75	\$ 4,727.50			
				\$ 158,733.05			\$ 88,175.10			\$ 71,161.70			
					TOTAL								
					\$ 318,069.85								

Tabulation of Bids
Rear Drive Entrance
Lake in the Hills Sanitary District
Thursday, April 4, 2019 - 10:00 a.m.

		Chadwick Contracting Company 12 Prosper Court Lake in the Hills, IL 60456											
Item	Description	Section 1			Section 2			Section 3					
		QTY	Unit Price	Extended	QTY	Unit Price	Extended	QTY	Unit Price	Extended			
1	Pavement Removal	1,965	\$ 2.45	\$ 4,814.25	1,170	\$ 2.45	\$ 2,866.50	890	\$ 2.35	\$ 2,091.50			
2	Earth Excavation	300	\$ 68.50	\$ 20,550.00	215	\$ 68.50	\$ 14,727.50	240	\$ 68.50	\$ 16,440.00			
3	Pipe Culvert Removal	64	\$ 18.75	\$ 1,200.00	44	\$ 18.75	\$ 825.00						
4	Pipe Arch Culvert, Class D, Type I, 15-inch Equivalent Round Size	32	\$ 85.80	\$ 2,745.60									
5	Pipe Arch Culvert, Class D, Type I, 18-inch Equivalent Round Size	32	\$ 114.00	\$ 3,648.00	44	\$ 114.00	\$ 5,016.00						
6	Metal Flared End Section, 15-inch Equivalent Round Size	2	\$ 685.00	\$ 1,370.00									
7	Metal Flared End Section, 18-inch Equivalent Round Size	2	\$ 765.00	\$ 1,530.00	2	\$ 765.00	\$ 1,530.00						
8	Trench Drain, Detail 02999	28	\$ 200.00	\$ 5,600.00									
9	Subgrade Repair	250	\$ 40.00	\$ 10,000.00	300	\$ 40.00	\$ 12,000.00	250	\$ 40.00	\$ 10,000.00			
10	Grading and Shaping Ditches	325	\$ 26.50	\$ 8,612.50									
11	Aggregate Base Course, Type B	1,355	\$ 16.35	\$ 22,154.25	880	\$ 16.35	\$ 14,388.00	650	\$ 16.35	\$ 10,627.50			
12	Hot Mix Surface Removal- Butt Joint	160	\$ 6.25	\$ 1,000.00	40	\$ 6.25	\$ 250.00	220	\$ 6.25	\$ 1,375.00			
13	Hot Mix Asphalt Binder Course, IL-19.0, N50	370	\$ 75.00	\$ 27,750.00	220	\$ 75.00	\$ 16,500.00	165	\$ 75.00	\$ 12,375.00			
14	Bituminous Materials (Prime Coat)	4,140	\$ 0.52	\$ 2,152.80	2,460	\$ 0.52	\$ 1,279.20	1,870	\$ 0.52	\$ 972.40			
15	Hot-Mix Asphalt Surface Course, Mix "C", N50	250	\$ 88.00	\$ 22,000.00	150	\$ 88.00	\$ 13,200.00	110	\$ 88.00	\$ 9,680.00			
16	Aggregate Shoulders Type B	80	\$ 35.00	\$ 2,800.00	20	\$ 35.00	\$ 700.00	30	\$ 35.00	\$ 1,050.00			
17	Erosion Control	1	\$ 9,866.00	\$ 9,866.00	70	\$ 1.55	\$ 108.50	620	\$ 1.55	\$ 961.00			
18	Seeding, Class 1A	0.20	\$ 14,300.00	\$ 2,860.00	0.10	\$ 14,300.00	\$ 1,430.00	0.20	\$ 14,300.00	\$ 2,860.00			
19	Storm Inlet, Detail 02997	2	\$ 1,650.00	\$ 3,300.00									
20	12-inch Dia High Density Polyethylene Dual Wall Drainage Pipe (Smooth Interior)	110	\$ 76.00	\$ 8,360.00									
21	Metal Flared End Section, 12-inch	1	\$ 672.00	\$ 672.00	162	\$ 25.00	\$ 4,050.00						
22	Concrete Gutter, 24-inch Detail 02998												
23	Concrete Curb & Gutter, B6.18, Detail 02100							122	\$ 25.00	\$ 3,050.00			
		As Corrected \$ 162,985.40			As Corrected \$ 88,870.70			As Corrected \$ 71,482.40			As Corrected TOTAL \$ 323,338.50		

Tabulation of Bids
Rear Drive Entrance
Lake in the Hills Sanitary District
Thursday, April 4, 2019 - 10:00 a.m.

		Chicagoland Paving Contractors Inc. 225 Telsler Road Lake Zurich, IL 60047											
Item	Description	Section 1				Section 2				Section 3			
		QTY	Unit Price	Extended		QTY	Unit Price	Extended		QTY	Unit Price	Extended	
1	Pavement Removal	1,965	\$ 14.35	\$ 28,197.75		1,170	\$ 10.00	\$ 11,700.00		890	\$ 10.00	\$ 8,900.00	
2	Earth Excavation	300	\$ 27.50	\$ 8,250.00		215	\$ 27.50	\$ 5,912.50		240	\$ 27.50	\$ 6,600.00	
3	Pipe Culvert Removal	64	\$ 10.60	\$ 678.40		44	\$ 11.00	\$ 484.00					
4	Pipe Arch Culvert, Class D, Type I, 15-inch Equivalent Round Size	32	\$ 145.00	\$ 4,640.00									
5	Pipe Arch Culvert, Class D, Type I, 18-inch Equivalent Round Size	32	\$ 155.00	\$ 4,960.00		44	\$ 165.00	\$ 7,260.00					
6	Metal Flared End Section, 15-inch Equivalent Round Size	2	\$ 1,225.00	\$ 2,450.00									
7	Metal Flared End Section, 18-inch Equivalent Round Size	2	\$ 1,365.00	\$ 2,730.00		2	\$ 1,415.00	\$ 2,830.00					
8	Trench Drain, Detail 02999	28	\$ 93.00	\$ 2,604.00									
9	Subgrade Repair	250	\$ 30.00	\$ 7,500.00		300	\$ 30.00	\$ 9,000.00		250	\$ 30.00	\$ 7,500.00	
10	Grading and Shaping Ditches	325	\$ 10.00	\$ 3,250.00									
11	Aggregate Base Course, Type B	1,355	\$ 20.00	\$ 27,100.00		880	\$ 20.00	\$ 17,600.00		650	\$ 20.00	\$ 13,000.00	
12	Hot Mix Surface Removal- Butt Joint	160	\$ 5.00	\$ 800.00		40	\$ 15.00	\$ 600.00		220	\$ 5.00	\$ 1,100.00	
13	Hot Mix Asphalt Binder Course, IL-19.0, N50	370	\$ 80.00	\$ 29,600.00		220	\$ 80.00	\$ 17,600.00		165	\$ 80.00	\$ 13,200.00	
14	Bituminous Materials (Prime Coat)	4,140	\$ 0.01	\$ 41.40		2,460	\$ 0.01	\$ 24.60		1,870	\$ 0.01	\$ 18.70	
15	Hot-Mix Asphalt Surface Course, Mix "C", N50	250	\$ 90.00	\$ 22,500.00		150	\$ 90.00	\$ 13,500.00		110	\$ 90.00	\$ 9,900.00	
16	Aggregate Shoulders Type B	80	\$ 35.00	\$ 2,800.00		20	\$ 35.00	\$ 700.00		30	\$ 35.00	\$ 1,050.00	
17	Erosion Control	1	\$ 5,000.00	\$ 5,000.00		70	\$ 10.00	\$ 700.00		620	\$ 6.50	\$ 4,030.00	
18	Seeding, Class 1A	0.20	\$ 10,000.00	\$ 2,000.00		0.10	\$ 1,000.00	\$ 100.00		0.20	\$ 10,000.00	\$ 2,000.00	
19	Storm Inlet, Detail 02997	2	\$ 1,750.00	\$ 3,500.00									
20	12-inch Dia High Density Polyethylene Dual Wall Drainage Pipe (Smooth Interior)	110	\$ 83.00	\$ 9,130.00									
21	Metal Flared End Section, 12-inch	1	\$ 905.00	\$ 905.00		162	\$ 45.00	\$ 7,290.00					
22	Concrete Gutter, 24-inch Detail 02998												
23	Concrete Curb & Gutter, B6.18, Detail 02100									122	\$ 40.00	\$ 4,880.00	
				\$ 168,636.55		As Corrected		\$ 95,301.10		As Corrected		\$ 72,178.70	
		As Corrected TOTAL										\$ 336,116.35	

Tabulation of Bids
Rear Drive Entrance
Lake in the Hills Sanitary District
Thursday, April 4, 2019 - 10:00 a.m.

		DK Contractors, Inc. 11013 122nd Street Pleasant Prairie, WI 53158											
Item	Description	Section 1			Section 2			Section 3					
		QTY	Unit Price	Extended	QTY	Unit Price	Extended	QTY	Unit Price	Extended			
1	Pavement Removal	1,965	\$ 5.00	\$ 9,825.00	1,170	\$ 5.00	\$ 5,850.00	890	\$ 5.00	\$ 4,450.00			
2	Earth Excavation	300	\$ 24.00	\$ 7,200.00	215	\$ 24.00	\$ 5,160.00	240	\$ 24.00	\$ 5,760.00			
3	Pipe Culvert Removal	64	\$ 21.00	\$ 1,344.00	44	\$ 21.00	\$ 924.00						
4	Pipe Arch Culvert, Class D, Type I, 15-inch Equivalent Round Size	32	\$ 68.00	\$ 2,176.00									
5	Pipe Arch Culvert, Class D, Type I, 18-inch Equivalent Round Size	32	\$ 87.00	\$ 2,784.00	44	\$ 87.00	\$ 3,828.00						
6	Metal Flared End Section, 15-inch Equivalent Round Size	2	\$ 527.00	\$ 1,054.00									
7	Metal Flared End Section, 18-inch Equivalent Round Size	2	\$ 366.00	\$ 732.00	2	\$ 366.00	\$ 732.00						
8	Trench Drain, Detail 02999	28	\$ 705.00	\$ 19,740.00									
9	Subgrade Repair	250	\$ 37.00	\$ 9,250.00	300	\$ 37.00	\$ 11,100.00	250	\$ 37.00	\$ 9,250.00			
10	Grading and Shaping Ditches	325	\$ 6.00	\$ 1,950.00									
11	Aggregate Base Course, Type B	1,355	\$ 24.00	\$ 32,520.00	880	\$ 24.00	\$ 21,120.00	650	\$ 24.00	\$ 15,600.00			
12	Hot Mix Surface Removal- Butt Joint	160	\$ 10.00	\$ 1,600.00	40	\$ 10.00	\$ 400.00	220	\$ 10.00	\$ 2,200.00			
13	Hot Mix Asphalt Binder Course, IL-19.0, N50	370	\$ 81.00	\$ 29,970.00	220	\$ 81.00	\$ 17,820.00	165	\$ 81.00	\$ 13,365.00			
14	Bituminous Materials (Prime Coat)	4,140	\$ 0.01	\$ 41.40	2,460	\$ 0.01	\$ 24.60	1,870	\$ 0.01	\$ 18.70			
15	Hot-Mix Asphalt Surface Course, Mix "C", N50	250	\$ 95.00	\$ 23,750.00	150	\$ 95.00	\$ 14,250.00	110	\$ 95.00	\$ 10,450.00			
16	Aggregate Shoulders Type B	80	\$ 52.00	\$ 4,160.00	20	\$ 52.00	\$ 1,040.00	30	\$ 52.00	\$ 1,560.00			
17	Erosion Control	1	\$ 1.00	\$ 1.00	70	\$ 2.00	\$ 140.00	620	\$ 2.00	\$ 1,240.00			
18	Seeding, Class 1A	0.20	\$ 59,604.00	\$ 11,920.80	0.10	\$ 59,604.00	\$ 5,960.40	0.20	\$ 59,604.00	\$ 11,920.80			
19	Storm Inlet, Detail 02997	2	\$ 2,757.00	\$ 5,514.00									
20	12-inch Dia High Density Polyethylene Dual Wall Drainage Pipe (Smooth Interior)	110	\$ 54.00	\$ 5,940.00									
21	Metal Flared End Section, 12-inch	1	\$ 583.00	\$ 583.00	162	\$ 44.00	\$ 7,128.00						
22	Concrete Gutter, 24-inch Detail 02998												
23	Concrete Curb & Gutter, B6.18, Detail 02100							122	\$ 45.00	\$ 5,490.00			
					\$ 172,055.20			\$ 95,477.00			\$ 81,304.50		
											TOTAL		
											\$ 348,836.70		

Tabulation of Bids
Rear Drive Entrance
Lake in the Hills Sanitary District
Thursday, April 4, 2019 - 10:00 a.m.

		Copenhaver Construction, Inc. 75 Koppie Drive Gilberts, IL 60136											
Item	Description	Section 1			Section 2			Section 3					
		QTY	Unit Price	Extended	QTY	Unit Price	Extended	QTY	Unit Price	Extended			
1	Pavement Removal	1,965	\$ 20.00	\$ 39,300.00	1,170	\$ 20.00	\$ 23,400.00	890	\$ 20.00	\$ 17,800.00			
2	Earth Excavation	300	\$ 22.00	\$ 6,600.00	215	\$ 22.00	\$ 4,730.00	240	\$ 22.00	\$ 5,280.00			
3	Pipe Culvert Removal	64	\$ 16.00	\$ 1,024.00	44	\$ 16.00	\$ 704.00						
4	Pipe Arch Culvert, Class D, Type I, 15-inch Equivalent Round Size	32	\$ 93.00	\$ 2,976.00									
5	Pipe Arch Culvert, Class D, Type I, 18-inch Equivalent Round Size	32	\$ 106.00	\$ 3,392.00	44	\$ 120.00	\$ 5,280.00						
6	Metal Flared End Section, 15-inch Equivalent Round Size	2	\$ 290.00	\$ 580.00									
7	Metal Flared End Section, 18-inch Equivalent Round Size	2	\$ 320.00	\$ 640.00	2	\$ 300.00	\$ 600.00						
8	Trench Drain, Detail 02999	28	\$ 320.00	\$ 8,960.00									
9	Subgrade Repair	250	\$ 25.00	\$ 6,250.00	300	\$ 25.00	\$ 7,500.00	250	\$ 25.00	\$ 6,250.00			
10	Grading and Shaping Ditches	325	\$ 17.00	\$ 5,525.00									
11	Aggregate Base Course, Type B	1,355	\$ 30.00	\$ 40,650.00	880	\$ 29.00	\$ 25,520.00	650	\$ 29.00	\$ 18,850.00			
12	Hot Mix Surface Removal- Butt Joint	160	\$ 12.00	\$ 1,920.00	40	\$ 15.00	\$ 600.00	220	\$ 14.00	\$ 3,080.00			
13	Hot Mix Asphalt Binder Course, IL-19.0, N50	370	\$ 85.00	\$ 31,450.00	220	\$ 85.00	\$ 18,700.00	165	\$ 85.00	\$ 14,025.00			
14	Bituminous Materials (Prime Coat)	4,140	\$ 0.10	\$ 414.00	2,460	\$ 0.10	\$ 246.00	1,870	\$ 0.10	\$ 187.00			
15	Hot-Mix Asphalt Surface Course, Mix "C", N50	250	\$ 98.00	\$ 24,500.00	150	\$ 98.00	\$ 14,700.00	110	\$ 98.00	\$ 10,780.00			
16	Aggregate Shoulders Type B	80	\$ 45.00	\$ 3,600.00	20	\$ 45.00	\$ 900.00	30	\$ 45.00	\$ 1,350.00			
17	Erosion Control	1	\$ 4,000.00	\$ 4,000.00	70	\$ 5.00	\$ 350.00	620	\$ 3.00	\$ 1,860.00			
18	Seeding, Class 1A	0.20	\$ 6,000.00	\$ 1,200.00	0.10	\$ 10,000.00	\$ 1,000.00	0.20	\$ 6,000.00	\$ 1,200.00			
19	Storm Inlet, Detail 02997	2	\$ 2,000.00	\$ 4,000.00									
20	12-inch Dia High Density Polyethylene Dual Wall Drainage Pipe (Smooth Interior)	110	\$ 85.00	\$ 9,350.00									
21	Metal Flared End Section, 12-inch	1	\$ 300.00	\$ 300.00	162	\$ 25.00	\$ 4,050.00						
22	Concrete Gutter, 24-inch Detail 02998												
23	Concrete Curb & Gutter, B6.18, Detail 02100							122	\$ 26.00	\$ 3,172.00			
				\$ 196,631.00			\$ 108,280.00			\$ 83,834.00			
					TOTAL			\$ 388,745.00					

Lake in the Hills Sanitary District TASK ORDER No. 19-01

Date: April 5, 2019 **Project No.:** 6255 **LITHSD Project Manager:** Rick Forner

Project Name: Rear Drive Entrance Construction Engineering and Inspection

ATI Point(s) of Contact: Peter Kolb, Bob Doeringsfeld

Project Description:

Provide construction engineering, contract administration, and inspection for the repair and reconstruction of the Rear Drive Entrance for the Lake in the Hills Sanitary District Facility. Project award to Schroeder Asphalt Services in the amount of \$318,069.85 with construction activities estimated to last six weeks in duration.

Scope of Services/Schedule:

Engineering Services within Task Order No. 19-01 include contract administration, site visits and construction observation, submittal review, request for information responses, applications for payment. The scope of services shall include the following tasks:

1. Construction Contract Administration and Progress Meetings
2. Design Clarifications and Field Orders
3. Change Order Processing
4. Submittal Reviews
5. Request for Information Responses
6. Applications for Payment
7. Record Drawings
8. Resident Engineer Site Visits and Construction Observation (8hrs/wk)
9. Full Time Resident Project Representative (40 hrs/wk)

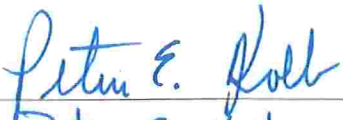
Compensation: The Total Compensation for this Task Order is \$33,552 and is broken down into the following sub tasks:

Construction Contract Administration	\$9,936
Resident Engineer (8 hrs/6wks)	\$6,816
Resident Project Representative (40 hrs/6 wks)	\$16,800
Total	\$33,552

PROJECT APPROVAL

Applied Technologies, Inc.

Accepted by Lake in the Hills Sanitary District

Signature: 
Printed Name: Peter E. Kolb
Title: Vice President
Date: April 5, 2019

Signature: _____
Printed Name: _____
Title: _____
Date: _____

April 2, 2019

Mr. Rick Forner
Lake in the Hills Sanitary District
515 Plum Street
Lake in the Hills, Illinois 60102

RE: Aerobic Digester #4
Recommendation for Payment – Application #7
Lake in the Hills Sanitary District

Dear Mr. Forner:

Enclosed is Pay Application #7 for work completed by AMS Mechanical Systems, INC on the Lake in the Hills Sanitary District Aerobic Digester #4 Project. This pay application reflects work completed through March, 2019.

We find the pay request and supporting documents to be in order, and recommend payment in the amount of **ELEVEN THOUSAND SIX HUNDRED FORTY NINE DOLLARS AND EIGHTY NINE CENTS (\$11,649.89)** to AMS Mechanical Systems, Inc., 9341 Adam Don Parkway, Woodridge, IL 60517.

Please find enclosed one (1) original copy of the Application for Payment and supporting documents. Please contact me with any comments or questions.

Sincerely,
Postl-Yore and Associates, Inc.



Brett Postl
President

Enclosures

Application and Certificate For Payment

<p>To Owner: LAKE IN THE HILLS SANITARY ATTN: ACCOUTNS PAYABLE 515 PLUM STREET LAKE IN THE HILLS, IL 60156</p> <p>From (Contractor): AMS MECHANICAL SYSTEMS, INC. 9341 ADAM DON PARKWAY WOODRIDGE, IL 60517</p> <p>Phone: 630 887-7700</p>	<p>Project: LITH DIGESTER #4 PROJ LAKE IN THE HILLS SANITARY DIS 515 PLUM STREET LAKE IN THE HILLS, IL 60156</p> <p>Contractor Job Number: 25046 Via (Architect): Contract For:</p>	<p>Application No: 7 Date: 03/22/2019 Period To: 03/31/19 Architect's Project No: Contract Date:</p>
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Contractor's Application For Payment

Change Order Summary	Additions	Deductions
Change orders approved in previous months by owner	62,561.93	
Change orders approved this month		
Totals		
Net change by change orders	62,561.93	

The undersigned Contractor certifies that to the best of the Contractor's knowledge, information, and belief the work covered by this Application for Payment has been completed in accordance with the Contract Documents, that all amounts have been paid by the Contractor for work for which previous Certificates for Payment were issued and payments received from the Owner, and that current payment shown herein is now due.

Contractor: [Signature] Date: 3/22/19
 By: [Signature] County of: DeWitt
 State of: Illinois day of March
 Subscribed and sworn to before me this 22 day of March
2019 (year). Notary public: [Signature]
 My commission expires _____



Original contract sum	1,820,000.00
Net change by change orders	62,561.93
Contract sum to date	1,882,561.93
Total completed and stored to date	1,876,561.93
Retainage	
10.0% of completed work	187,655.89
0.0% of stored material	0.00
Total retainage	187,655.89
Total earned less retainage	1,688,906.04
Less previous certificates of payment	1,677,256.62
Current sales tax	
0.0000% of taxable amount	0.00
Current sales tax	0.00
Current payment due	11,649.42
Balance to finish, including retainage	193,655.89

Architect's Certificate for Payment

In accordance with the Contract Documents, based on on-site observations and the data comprising the above application the Architect certifies to the Owner that to the best of the Architect's knowledge, information and belief the Work has progressed as indicated, the quality of the Work is in accordance with the Contract Documents, and the Contractor is entitled to payment of the Amount Certified.

Amount Certified: \$ 11,649.42

Architect: [Signature] Date: 4.2.19

This Certification is not negotiable. The Amount Certified is payable only to the Contractor named herein. Issuance, payment, and acceptance of payment are without prejudice to any rights of the Owner or Contractor under this Contract.

Application and Certificate For Payment -- page 2

To Owner: LAKE IN THE HILLS SANITARY
 From (Contractor): AMS MECHANICAL SYSTEMS, INC.
 Project: LITH DIGESTER #4 PROJ

Application No: 7 Date: 03/22/19
 Contractor's Job Number: 25046
 Architect's Project No:

Period To: 03/31/19

Item Number	Description	Scheduled Value	Work Completed		Materials Presently Stored	Completed and Stored to Date	%	Balance to Finish	Retention	Memo
			Previous Application	This Period						
0010	MOBILIZATION	10,000.00	10,000.00	0.00	0.00	10,000.00	100.00	0.00	1,000.00	
0020	1M GALLON TANK Coordination and Pre-Planning	1,043,500.00	1,043,500.00	0.00	0.00	1,043,500.00	100.00	0.00	104,349.83	
0030	EXCAVATION and UNDERGROUND PIPING	338,800.00	338,800.00	0.00	0.00	338,800.00	100.00	0.00	33,879.95	
0040	AERATION EQUIPMENT MATERIAL (EQUIPMENT MOORES)	129,580.00	129,580.00	0.00	0.00	129,580.00	100.00	0.00	12,957.98	
0050	AERATION EQUIPMENT LABOR	24,000.00	24,000.00	0.00	0.00	24,000.00	100.00	0.00	2,400.00	
0060	ACTUATOR VALVES MATERIAL (SWANSON FLO)	32,000.00	32,000.00	0.00	0.00	32,000.00	100.00	0.00	3,199.99	
0070	ACTUATOR VALVES LABOR	5,000.00	5,000.00	0.00	0.00	5,000.00	100.00	0.00	500.00	
0080	SCADA CONTROL	121,738.00	109,564.20	6,673.80	0.00	116,238.00	95.48	5,500.00	11,623.78	
0090	ELECTRICAL	62,700.00	56,430.00	6,270.00	0.00	62,700.00	100.00	0.00	6,269.99	
0100	ELECTRICAL - EXCAVATING	8,000.00	8,000.00	0.00	0.00	8,000.00	100.00	0.00	800.00	
0110	DEMOBILIZATION	5,000.00	4,500.00	0.00	0.00	4,500.00	90.00	500.00	450.00	
0120	PIPING from U/G to AERATION TK LABOR and MATERIAL	8,000.00	8,000.00	0.00	0.00	8,000.00	100.00	0.00	800.00	
0130	SUMP PUMPS and LABOR	4,000.00	4,000.00	0.00	0.00	4,000.00	100.00	0.00	400.00	
0140	ADDITIONAL HAULING for SHOTCRETE OVERSPRAY	2,000.00	2,000.00	0.00	0.00	2,000.00	100.00	0.00	200.00	
0150	TARPING and PROTECTION of area for SHOTCRETE	2,000.00	2,000.00	0.00	0.00	2,000.00	100.00	0.00	200.00	
0160	CONCRETE PIERS and PAD for STAIRS	4,682.00	4,682.00	0.00	0.00	4,682.00	100.00	0.00	468.20	
0170	PAINTING	19,000.00	19,000.00	0.00	0.00	19,000.00	100.00	0.00	1,900.00	
9001	Holiday H2W Cast in Hatch Billing Total	7,950.00	7,950.00	0.00	0.00	7,950.00	100.00	0.00	795.00	
9002	Holiday H2W Cast-in-Hatch	9,496.13	9,496.13	0.00	0.00	9,496.13	100.00	0.00	949.61	
9003	Aeration pipe size increase	17,697.76	17,697.76	0.00	0.00	17,697.76	100.00	0.00	1,769.77	
9004	Earth Retention Work Billing Total	14,720.00	14,720.00	0.00	0.00	14,720.00	100.00	0.00	1,472.00	
9017	Excavation Cleanup Billing Total	8,000.00	8,000.00	0.00	0.00	8,000.00	100.00	0.00	800.00	
9025	Addl Flush Sifting Sump Pump Billing Total	4,698.04	4,698.04	0.00	0.00	4,698.04	100.00	0.00	469.79	
Application Total		1,882,561.93	1,863,618.13	12,943.80	0.00	1,876,561.93	99.68	6,000.00	187,655.89	

LAKE IN THE HILLS SANITARY DISTRICT
MONTHLY TREASURER REPORT - GOVERNMENTAL FUNDS
 Month of March, 2019

	MONTH	YTD	BUDGET
Beginning Cash and Investments			
First National Bank	1,414,541.71	1,292,012.41	
Credit Cards	(346.87)	(406.93)	
TOTAL BEGINNING CASH AND INVESTMENTS	<u>1,414,194.84</u>	<u>1,291,605.48</u>	
Revenues and Receipts			
Real Estate Taxes			
General Fund	-	289,111.65	289,000.00
Audit Fund	-	19,388.99	19,400.00
Chlorination Fund	-	20,107.07	20,100.00
Liability Insurance Fund	-	136,943.29	137,000.00
Social Security Fund	-	46,676.94	46,700.00
Retirement Fund	-	106,280.11	106,300.00
Replacement Taxes	78.59	1,193.41	-
Safety Grant Recvd from IL Public Risk Fund	-	1,810.00	
Interest Income	298.09	3,485.15	1,000.00
TOTAL REVENUES AND RECEIPTS	<u>376.68</u>	<u>624,996.61</u>	<u>619,500.00</u>
Expenditures			
GENERAL FUND			
PERSONNEL SERVICES			
Salaries of Trustees, Manager, Treasurer & Clerk	13,637.72	154,464.17	170,000.00
CONTRACTUAL SERVICES			
Professional Engineering	1,900.00	31,147.00	40,000.00
Legal Services	630.00	15,852.00	36,000.00
Other Professional Services	-	-	5,000.00
	<u>2,530.00</u>	<u>46,999.00</u>	<u>81,000.00</u>
ADMINISTRATIVE EXPENSES			
Printing, Publications	-	3,461.67	5,000.00
Office Supplies, Equipment	-	2,242.43	3,000.00
Postage	-	378.05	1,500.00
Treasurer's Bond	-	3,000.00	4,000.00
Community Affairs	-	393.69	2,000.00
Memberships and Dues	-	2,558.61	4,500.00
	<u>-</u>	<u>12,034.45</u>	<u>20,000.00</u>
OPERATING EXPENSES			
Building and Grounds Upkeep	-	12,339.97	12,000.00
Utilities	4,677.22	24,031.27	26,000.00
J.U.L.I.E.	2,035.64	2,035.64	3,000.00
Training and Education	-	770.00	2,000.00
Travel Expenses	-	675.09	2,000.00
Computer Hardware, Software & Support	374.95	6,303.84	8,000.00
	<u>7,087.81</u>	<u>46,155.81</u>	<u>53,000.00</u>
CONTINGENT AND MISCELLANEOUS EXPENSES			
Not Otherwise Appropriated	-	150.00	1,000.00
	<u>-</u>	<u>150.00</u>	<u>1,000.00</u>
TOTAL GENERAL FUND	<u>23,255.53</u>	<u>259,803.43</u>	<u>325,000.00</u>

Expenditures (continued)

CHLORINATION FUND	-	7,357.00	24,000.00
	-	7,357.00	24,000.00
AUDIT FUND	-	10,000.00	25,000.00
	-	10,000.00	25,000.00
PUBLIC LIABILITY INSURANCE FUND			
Workers' Compensation	3,939.00	16,031.00	24,000.00
Property	-	43,514.00	45,000.00
Vehicles	-	10,065.00	18,000.00
General Liability	-	24,673.00	80,000.00
Administrative Fee	119.00	481.00	800.00
	4,058.00	94,764.00	167,800.00
SOCIAL SECURITY FUND	3,967.71	47,432.40	55,000.00
IMRF FUND	10,541.49	124,496.47	150,000.00
OTHER EXPENDITURES (RECEIPTS)	-	-	-
TOTAL EXPENDITURES	41,822.73	543,853.30	746,800.00
EXCESS OF REVENUES OVER (UNDER) EXPENDITURES	(41,446.05)	81,143.31	(127,300.00)

Ending Cash and Investments

	MONTH	YTD
First National Bank	1,372,748.79	1,284,239.04
Credit Cards	-	(531.20)
TOTAL ENDING CASH AND INVESTMENTS	1,372,748.79	1,283,707.84
GENERAL CORPORATE FUND		

LAKE IN THE HILLS SANITARY DISTRICT
MONTHLY TREASURER REPORT - O&M/SEWERAGE FUNDS
 Month of March, 2019

		MONTH	YTD	BUDGET
Beginning Cash and Investments				
First National Bank - O & M Account	O&M	318,117.88	559,902.23	
First National Bank - Certificate Fund	Bond & Int	132,913.18	29,423.42	
First National Bank - Depreciation Account	Construction	2,037,749.79	1,900,909.65	
First National Bank - Surplus Funds	Construction	65,158.79	14,532.59	
First National Bank - Bond & Interest Fund	Bond & Int	759,906.91	527,845.89	
First National Bank - Sinking Funds	Bond & Int	681,840.73	533,136.32	
Algonquin Bank & Trust - Cash Mgr	O&M	970,979.09	3,007,896.46	
Algonquin Bank & Trust - Operating	O&M	166.00	2,164.00	
Home State Bank	O&M	8,610.77	46,412.23	
Illinois State Bank	O&M	3,792.61	28,820.69	
Credit Cards		(419.54)	(918.59)	
TOTAL BEGINNING CASH AND INVESTMENTS		4,978,816.21	6,650,124.89	
SEWERAGE FUNDS				
Revenues and Receipts				
Sewer Bill Income/User Charges		42,665.00	2,872,991.10	3,600,000.00
Septage Income		9,890.40	190,890.90	200,000.00
Wastewater Discharge Income		6,829.08	40,064.07	45,000.00
Refunds		(477.20)	(9,021.16)	-
Connection/Tap-On Fees		-	93,600.00	125,000.00
Annexation Fees (inc. GIS)		-	-	5,000.00
Downstream & Misc Charges		-	-	500.00
Liftstation Recapture		-	-	-
Gain/Loss - Sale of Equipment		-	-	-
Interest Income		2,753.85	48,204.75	10,000.00
TOTAL REVENUES AND RECEIPTS		61,661.13	3,236,729.66	3,985,500.00
Expenditures				
PERSONNEL SERVICES				
District Personnel Salaries		38,227.72	467,055.80	580,000.00
ADMINISTRATIVE EXPENSES				
Telephone		222.41	2,517.77	3,500.00
Postage		-	14,433.53	21,000.00
Printing and Publications		-	130.26	2,200.00
Office Supplies		498.14	5,042.78	8,500.00
Collection and Billing Expenses		2,727.69	63,405.92	80,000.00
Professional Services		111.08	949.93	20,000.00
Training, Travel and Education		40.00	401.49	5,000.00
Computer Hardware, Software, and Support		891.60	17,980.63	24,000.00
Community Affairs		-	662.53	2,000.00
Medical and Life Insurance		22,074.42	210,632.71	210,000.00
		26,565.34	316,157.55	376,200.00
OPERATIONS AND MAINTENANCE				
Operating Supplies		4,791.63	55,423.47	60,000.00
Maintenance and Repair (Plant)		3,760.01	113,823.29	150,000.00
Maintenance and Repair (Collection Systems)		-	146,987.19	310,000.00
Utilities and Energy		39,096.82	365,248.17	390,000.00
Grounds Upkeep		-	24,273.42	30,000.00
Gasoline/Oil		553.33	16,112.18	15,000.00
Computer and Support Services		-	-	2,000.00
Emergency Communications		5,210.90	56,746.52	54,000.00

Sludge Management	30,267.81	422,234.37	500,000.00
Professional Services	954.30	18,892.30	24,000.00
Residential Reimbursement	245.00	3,445.00	10,000.00
Compliance Requirements/Permits	8,250.00	28,250.00	28,500.00
GIS	-	8,277.00	10,000.00
	<u>93,129.80</u>	<u>1,259,712.91</u>	<u>1,583,500.00</u>

Expenditures (continued)

CAPITAL IMPROVEMENTS

New Construction	137,559.35	2,866,073.66	3,000,000.00
Plant Equipment	520.00	13,600.33	30,000.00
Collection System	-	-	370,000.00
Vehicles	-	14,000.00	130,000.00
Legal Expense	-	-	5,000.00
Engineering Expense	38,312.00	159,299.50	375,000.00
Bond, Finance Consulting Expense	-	-	1,000.00
	<u>176,391.35</u>	<u>3,052,973.49</u>	<u>3,911,000.00</u>

BOND TRANSFERS

2008 Debt Certificates, Principal	105,000.00	105,000.00	105,000.00
2008 Debt Certificates, Interest	25,996.89	51,993.78	53,000.00
Administration Fees - 2008 Debt Certs	-	750.00	3,500.00
	<u>130,996.89</u>	<u>157,743.78</u>	<u>161,500.00</u>

Series 2014 Bond, Principal	-	-	105,000.00
Series 2014 Bond, Interest	-	56,493.75	114,000.00
Administration Fees - 2014 Series Bond	-	750.00	3,500.00
	<u>-</u>	<u>57,243.75</u>	<u>222,500.00</u>

CONTINGENT AND MISCELLANEOUS EXPENSES

Not Otherwise Appropriated	-	28.73	3,000.00
	<u>-</u>	<u>28.73</u>	<u>3,000.00</u>

TOTAL EXPENDITURES

<u>465,311.10</u>	<u>5,310,916.01</u>	<u>6,837,700.00</u>
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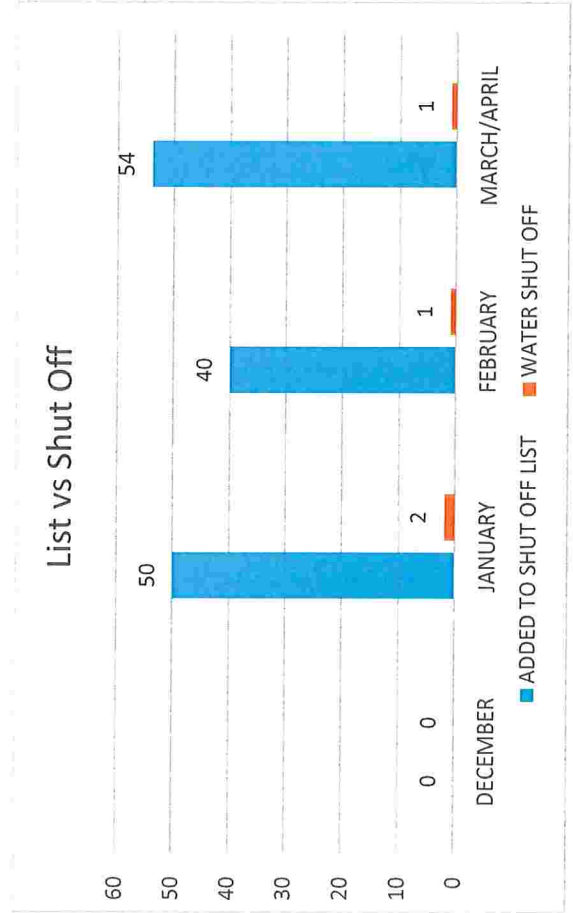
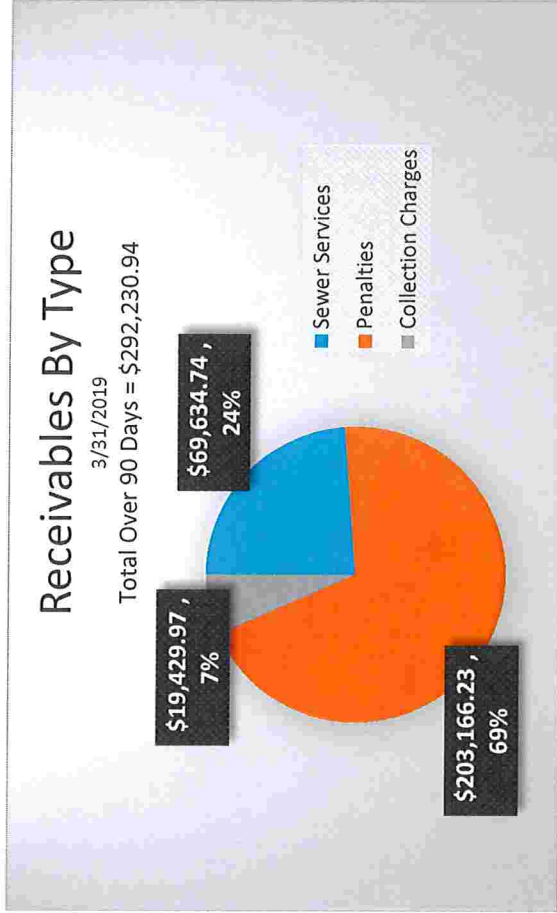
EXCESS OF REVENUES OVER (UNDER) EXPENDITURES

<u>(403,649.97)</u>	<u>(2,074,186.35)</u>	<u>\$ (2,852,200.00)</u>
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		<u>MONTH</u>	<u>YTD</u>
Ending Cash and Investments			
First National Bank - O & M Account	O&M	307,091.99	336,857.40
First National Bank - Certificate Fund	Bond & Int	14,962.44	42,430.29
First National Bank - Depreciation Account	Construction	2,039,401.32	1,930,087.43
First National Bank - Surplus Funds	Construction	27,631.29	23,567.65
First National Bank - Bond & Interest Fund	Bond & Int	766,059.21	593,893.57
First National Bank - Sinking Fund	Bond & Int	696,731.23	547,995.04
Algonquin Bank & Trust - Cash Mgr.	O&M	708,825.87	2,995,032.03
Algonquin Bank & Trust - Operating	O&M	-	14.00
Home State Bank	O&M	8,611.14	46,651.01
Illinois State Bank	O&M	3,792.76	28,902.34
Credit Cards	O&M	(809.75)	(650.92)
		<u>4,572,297.50</u>	<u>6,544,779.84</u>
TOTAL ENDING CASH AND INVESTMENTS			
SEWERAGE FUNDS			

Accounts Receivable Analysis

March 2019



Monthly Shut Off Summary

Lake in the Hills

- NONE

Huntley

- 1 property was shut off , remains unpaid & appears vacant

Crystal Lake

- NONE

**LITH SANITARY DISTRICT
Bills Paid Before Meeting
April 11, 2019 Meeting Date**

Name	Memo	Amount
General Fund		
TOTAL GEN FUND BILLS PAID BEFORE MEETING		\$ -
O & M Fund		
Ansercall	Emerg Comm	\$ 100.00
AT&T	Emerg Comm	\$ 414.92
AT&T	Emerg Comm - Decatur LS	\$ 207.54
Comcast	Computer Support & Telephone	\$ 402.26
Rush Truck Centers	Cap Imprvmnts - Vehicles, Dump Body & Alterations	\$ 18,700.00
TOTAL O & M BILLS PAID BEFORE MEETING		\$ 19,824.72

**LITH SANITARY DISTRICT
Recurring Bills
April 11, 2019 Meeting Date**

Name	Memo	Amount
General Fund		
Illinois Municipal Retirement Fund	Employer Portion of IMRF - March 2019	\$ 10,541.49
United States Treasury	District Pd Payroll Taxes (SS & Med)	\$ 3,967.71
TOTAL GENERAL FUND RECURRING BILLS		\$ 14,509.20
O & M Fund		
Humana	Health Insurance Premiums	\$ 22,074.42
Payment Services Network	Collections Expenses from February 2019	\$ 865.72
TOTAL O & M RECURRING BILLS		\$ 22,940.14

Approved _____

President Hansen

**LITH SANITARY DISTRICT - Governmental Fund
Bills Presented to Board for Approval
April 11, 2019**

Name	Memo	Amount
GENERAL CORP FUND BILLS		
Applied Technologies Inc	Engineering Svs	\$ 2,702.00
First National Bank of Omaha - Visa	Computer Support	\$ 99.95
Hawkins Inc	Chlorination	\$ 1,470.10
Illinois Municipal Treasurer's Assn	Membership/Dues - 5/1/19-4/30/20	\$ 100.00
Illinois Public Risk Fund	Workers Compensation - Audited Prems Due	\$ 1,496.00
Pitney Bowes	Postage - Meter Rental 4/16-7/15/19	\$ 132.35
Ralph Helm Inc	Grounds Upkeep	\$ 28.99
Shaw Suburban Media Group	Publications - Rear Entrance Drive Bid	\$ 497.90
Storino Ramello & Durkin	Legal Svs - Feb 2019	\$ 700.00
TOTAL GENERAL CORP FUND BILLS		\$ 7,227.29

**LITH SANITARY DISTRICT - O&M/Sewerage Fund
Bills Presented to Board for Approval
April 11, 2019**

Name	Memo	Amount
O & M BILLS		
Applied Technologies Inc	Engineering - Task Order 18-01 Rear Entrance	\$ 4,389.00
Applied Technologies Inc	Engineering - Task Order 18-02 Beach Lift Station	\$ 3,331.00
Applied Technologies Inc	Engineering - Task Order 18-04 Richard Taylor Park Bypass	\$ 852.00
AT&T-Alarms	Emerg Comm **negotiating a reduction on this bill**	\$ 6,656.44
AutoZone, Inc.	Maint/Repair - Vehicles	\$ 21.98
Cintas Corporation #355	Operating Supplies - Personnel	\$ 1,090.57
ComEd, Inc.	Utilities - Beach LS	\$ 90.80
ComEd, Inc.	Utilities - Dam LS	\$ 853.01
Consolidated Electrical Distributors, Inc	Maint/Repair - Plant	\$ 81.18
Controls Consulting	Cap Imprvmts - Plant Equip, SCADA Panel ACP-11	\$ 8,794.00
Controls Consulting	Cap Imprvmts - Plant Equip, SCADA Panel ACP-4	\$ 5,564.00
Dreisilker Electric Motors Inc	Maint/Repair - Coll Sys Pyott Rd LS	\$ 9,053.53

Dynegy Energy Services	Utilities - Concord, Decatur & Pyott Rd LS & Plant	\$	37,355.88
Ed's Rental & Sales, Inc.	Maint/Repair - Plant, Lab Sink	\$	30.24
Evoqua Water Technologies	Pro Svcs - Service Call for VLR Troubleshooting	\$	1,004.68
First National Bank of Omaha - Visa	Pro Svcs Intuit Fees, Cap Imprvmts - Plant Equip	\$	579.50
First National Bank of Omaha - Visa	Maint Repair - Plant, Training Travel & Education	\$	63.26
Hach Company	Operating Supplies - Lab	\$	326.14
J Barrett Co	Maint/Repair - Plant, Door D Garage Door Opener & Install	\$	2,685.60
J Barrett Co	Pro Svcs - Service Call Garage Door West Elev South Door	\$	358.00
J Barrett Co	Pro Svcs - Service Call Garage Door Bldg K	\$	497.20
Joseph D. Foreman & Company, Inc.	Maint/Repair - Coll Sys Pyott Rd LS	\$	179.00
Logsdon Office Supply	Office Supplies	\$	23.00
Logsdon Office Supply	Office Supplies	\$	101.82
McHenry County Recorder	Collections	\$	11.00
Menards	Operating Supplies - Small Tools	\$	10.97
Metropolitan Industries, Inc.	Maint/Repair- Plant, Grit Pump	\$	4,620.00
Northern Tool & Equipment	Oper Supplies - Small tools,	\$	349.98
PetroChoice LLC	Gas/Fuel	\$	703.29
Rain for Rent	Maint/Repair - Coll Sys Pyott Rd LS	\$	2,646.93
Rick Forner-Reimbursement	Medical/Life Ins - 2019 Ded Reimbursement	\$	281.50
Storino Ramello & Durkin	Collections	\$	1,655.80
Suburban Laboratories, Inc.	Pro Svcs - Lab	\$	132.00
Synagro WWT	Sludge Mgt - March 2019	\$	33,431.39
Technology Masters Inc	Computer Support - Maintenance	\$	553.00
Technology Masters Inc	Computer Support - Full Mailbox Issue (Karen)	\$	31.75
The Home Depot	Maint Repair - Plant	\$	166.99
The UPS Store 2361	Postage	\$	10.42
Third Millennium Associates, Inc.	Collections - QU Bill Rendering	\$	2,490.19
USA BlueBook	Operating Supplies - Lab	\$	154.61
Verizon Wireless	Emerg Comm	\$	344.46
Warehouse Direct	Pro Svcs	\$	10.45
Water One, Inc.	Operating Supplies - Personnel, Drinking Water Equip Rental	\$	22.50
Ziegler's Ace Hardware	Operating Supplies - Maint	\$	180.06

TOTAL O&M FUND BILLS

\$ 131,789.12

CONSTRUCTION FUND BILLS

Applied Technologies Inc	Engineering - Task Order 18-03 Electrical	\$	8,453.00
Postl-Yore and Associates	Engineering - Digester #4	\$	11,867.50

TOTAL CONSTRUCTION FUND BILLS

\$ 20,320.50

BOND & INTEREST FUND BILLS

Bond Trust Services Corporation	Principal & Interest on 2014 Bonds	\$	161,493.75
Bond Trust Services Corporation	Admin Fees 2014 Bonds	\$	400.00

TOTAL BOND & INTEREST FUND BILLS

\$ 161,893.75

GRAND TOTAL OF ALL BILLS PRESENTED FOR APPROVAL IS \$ 378,504.72 OF WHICH \$ 21,736.49 IS FROM THE GENERAL CORPORATE FUND, \$ 174,553.98 IS FROM THE OPERATIONS AND MAINTENANCE FUND, \$ 20,320.50 IS FROM THE CONSTRUCTION FUND, AND \$ 161,893.75 IS FROM THE BOND AND INTEREST FUND.

Approved _____

President Hansen

MANAGER'S REPORT

Month of March, 2019

<u>Customers:</u>	CURRENT	TOTAL for YEAR	DATA for March 2018
Total accounts thru March 2019:	11,708		11,689
New Customers:	1	1	0
Connections:	0	5	2
Permits Issued:	1	2	5
Permits Issued Past 13 Months:	28		
Total Permits Issued to Date:			
<i>Residential:</i>	10,075		
<i>Commercial:</i>	121		
<i>Industrial:</i>	1		

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

NAME	PE	DWELLINGS
None		

COLLECTION SYSTEM EMERGENCY RESPONSES:

DATE	LOCATION	PROBLEM	DISTRICT PROBLEM
None			

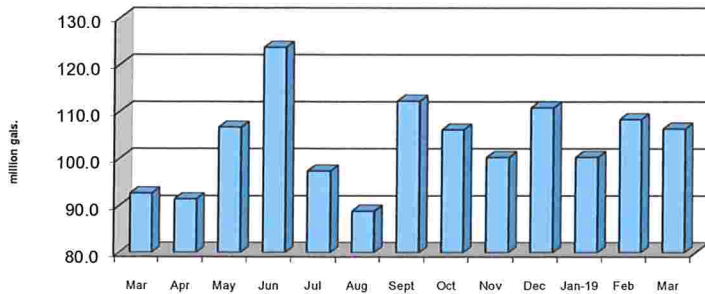
COLLECTION SYSTEM ACTIVITIES:

None

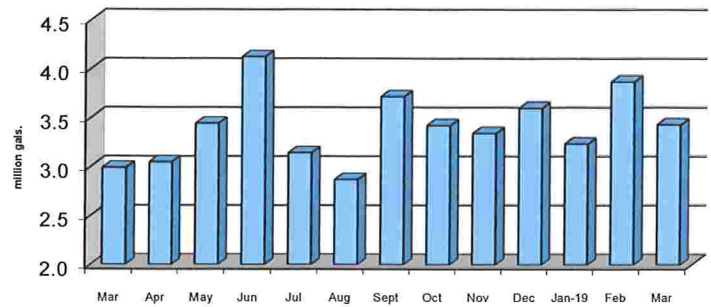
FLOWS:

Total Flow for Month:	106.385	million gallons
Average Daily Flow:	3.432	mgd
Maximum Daily Flow:	5.712	mgd
Precipitation Total:	1.95	inches
Historical Monthly Precipitation Avg.:	1.62	inches
Septage Accepted:	248,801	gallons

Total Monthly Flows



Monthly Average Daily Flows



MANAGER'S MONTHLY REPORT

March, 2019

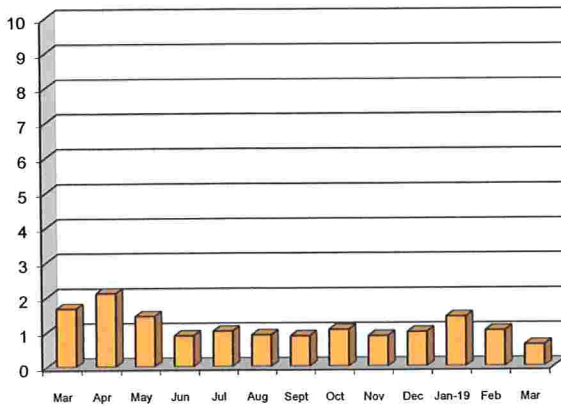
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TREATMENT PLANT OPERATIONS:

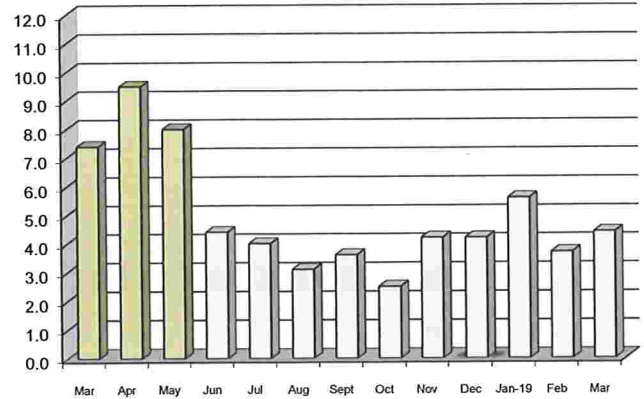
	<u>Average in</u>	<u>Average out</u>	<u>Average % reduction</u>
C.B.O.D:	115 mg/L	0.6 mg/L	99.5%
Total Suspended Solids:	238 mg/L	4.4 mg/L	98.2%
Ammonia Nitrogen:	14.6 mg/L	0.06 mg/L	99.6%
Phosphorus:		0.79 mg/L	
Fecal Coliform:		10 colonies (daily max.)	

This data represents the monthly averages taken from District records and not yet submitted to the Illinois E.P.A.

Effluent Monthly Average - CBOD



Effluent Monthly Average - Total Suspended Solids



Shaded = Filters By-Passed Either Fully or Partially.

PLANT OPERATIONS SUMMARY:

Wasted:	3.995 million gallons
Decanted:	0.000 million gallons
Thickened	3.849 million gallons
To Digester	0.722 million gallons
Pressed	1.044 million gallons

PERSONNEL ACTIVITIES:

District Manager was placed on Administrative Leave on 03/11/19.

Respectfully submitted,

Tamara C. Mueller
Assistant District Manager