



LAKE IN THE HILLS SANITARY DISTRICT

515 PLUM STREET • LAKE IN THE HILLS, ILLINOIS 60156 • 847-658-5122 • FAX 847-658-4523

**LAKE IN THE HILLS SANITARY DISTRICT
AGENDA
REGULAR MEETING
OF THE BOARD OF TRUSTEES
February 14, 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 George Roach & Associates, P.C as District Auditor for Fiscal Year 2019 -2020.**
- B. Approval of Change Order #5 in the amount of \$12,698.04 to AMS Mechanical Systems, Inc. for Aerobic Digester #4 project.**
- C. Approval of Application and Certificate for Payment #5 in the amount of \$207,682.00 to AMS Mechanical Systems, Inc. for Aerobic Digester #4 project.**
- D. Change Order No. 8 for Sludge Management Project under contract with Synagro Central LLC.**

Specific Agenda

Accountant's Report

Approval of Bills

Manager's Report

Operations Update

2018 Annual Managers Report

**LAKE IN THE HILLS SANITARY DISTRICT
AGENDA REGULAR MEETING OF
THE BOARD OF TRUSTEES**

February 14, 2019

7:00 p.m.

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Project Updates

IAWA 2018 Operator Awards

Economic Interest Statements

Engineers Report

Attorney's Report

Unfinished Business

New Business

Adjournment

**Lake in the Hills Sanitary District
Board of Trustees Regular Meeting Minutes
January 10, 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 District Manager Rick Forner, Robert 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 Kehoe and seconded by Trustee Easler to approve the Minutes of the Regular Board Meeting of December 13, 2018 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 #2 and Final in the amount of \$37,827.03 to Hoerr Construction, Inc. for the Sewer Lining Project – Willow to Oak.

Motion was made by Trustee Easler and seconded by Trustee Kehoe to approve the Consent Agenda (Item A) 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 December 2018 Treasurer reports and provided a verbal summary. She stated that December was a lower revenue month for both the O&M Funds and the Governmental Funds. She further stated that we did receive some tap on/connection fees in December. As noted on the O&M report, for the fiscal year to date thus far expenditures have exceeded revenues by a little over \$1.8 million. This is due to the construction projects that have been going on. She further indicated that we did receive a safety grant from the Illinois Public Risk fund. These proceeds will be used to purchase gas monitoring equipment from LAI Ltd.

Motion was made by Trustee Easler seconded by Trustee Kehoe to approve the December 2018 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.

Motion was made by Trustee Kehoe and seconded by Trustee Easler to approve the List of Bills as presented for payment totaling \$ 216,537.50 with \$ 22,719.67 from the General Corporate Fund, \$ 156,237.83 from the Operations and Maintenance Fund, \$ 37,580.00 from the Construction Fund and \$ 0.00 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 presented a written copy of the December 2018 Manager's Report and provided a verbal recap of some items.

He stated that there were three callouts in December. All of these were homeowner issues and not the District's.

He further stated that precipitation and flows were very typical for December. The effluent quality is well within our permit requirements and the plant is running well.

District Manager provided the Board with a copy of the Public Notice for the meeting dates for 2019. He further commented that this has been posted and published in accordance with the requirements.

Regarding the District's nomination for plant of the year, the banquet where the winner will be announced is February 13th in Springfield. If any of the Trustees would like to attend, let the District Manager know. Both the District Manager and the Chief Operator will be attending.

District Manager is in the process of putting together the annual manager's report and plans to have this report ready for the February meeting.

He is also putting together the three-year capital program and the fiscal year 2019-2020 budget. He plans to have the draft budget ready at the March meeting with the final budget presented for consideration at the April meeting.

Trustee Easler asked if the annual manager's report would be on our website, District Manager indicated that it would.

The underground piping and structure for the digester is completed. They are currently working on the electrical and the controls. The panels, which were backordered, are due within the next couple of weeks.

The blower project is completed. We are waiting for the final documents from the contractor so that we can make the final payments on this project.

Motion was made by Trustee Kehoe, seconded by Trustee Easler to approve the December 2018 Manager's report as presented. On a roll call vote President Hansen, Trustee Easler and Trustee Kehoe voted aye.

Engineer's Report:

Engineer Robert Doeringsfeld from Applied Technologies provided a written report and a verbal recap.

Regarding Task Order 18-01 (Rear Entrance Drive), they gave some preliminary plans and cost estimates to the District Manager. This project will be bid in sections so that the District can determine how many and/or which sections to do. The plan is to go to bid in February 2019, award contracts in March 2019 and construction in 2019.

Regarding Task Order 18-02 (Beach Lift Station Rehab), they are finalizing preliminary design criteria. They also brought out Gewalt Hamilton for the sanitary sewer wet well and manhole scanning. Trustee Easler asked if we will receive hard data from this scanning. Engineer Doeringsfeld concurred and provided additional detail. He further indicated that the construction period has been changed from summer 2019 to after Labor Day 2019. This is so that the beach will be closed for the season.

Regarding Task Order 18-03 (Electrical Service & Plant Power Distribution), they have evaluated the one year ComEd bills that were provided. Two of their electrical engineers were onsite to gather data. They anticipate an additional two days of onsite visits will be needed. The plan is to have the one-line diagrams completed within the next month.

Regarding Task Order 18-04 (Richard Taylor Park Bypass), the manhole scanning done by Gewalt Hamilton has occurred. The surveyor should be out next Tuesday

Regarding the upcoming wash water pump replacement project, they have been onsite and are preparing a preliminary memo to the District Manager with the options.

Trustee Easler had some questions regarding the arc flash studies and the disinfection process that will be included with the wash water pump replacement project. Engineer Doeringsfeld provided some detail.

Attorney's Report:

District Attorney stated that she has not heard anything back from the County regarding the RFQ concerns that have been discussed previously. She will keep everyone apprised and will be in contact via email if she has any updates before the next meeting.

Unfinished Business:

None.

New Business:

None.

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 Easler and seconded by Trustee Kehoe. The motion passed after a verbal vote. All Board members who were present voted aye.

The meeting was adjourned at 7:18 pm.

Respectfully Submitted,

Handwritten signature of Karen Thompson, consisting of the letters 'KT' in a stylized, cursive font.

Karen Thompson,
District Clerk

APPROVED this _____ day of _____, 2019 .

President Hansen



accounting • auditing • consulting

Rud 1/28/19

44 North Walkup Avenue
Crystal Lake, IL 60014
T: 815-459-0700
W: <http://GRA-CPA.com>

January 22, 2019

To Mr. Rick Forner and the Lake in the Hills Sanitary District Board of Trustees:

We are pleased to confirm our understanding of the services we are to provide Lake in the Hills Sanitary District for the year ended April 30, 2019. We will audit the financial statements of the governmental activities, the business-type activities, the aggregate discretely presented component units, each major fund, and the aggregate remaining fund information, including the related notes to the financial statements, which collectively comprise the basic financial statements of Lake in the Hills Sanitary District as of and for the year ended April 30, 2019. Accounting standards generally accepted in the United States of America provide for certain required supplementary information (RSI), such as management's discussion and analysis (MD&A), to supplement Lake in the Hills Sanitary District's basic financial statements. Such information, although not a part of the basic financial statements, is required by the Governmental Accounting Standards Board who considers it to be an essential part of financial reporting for placing the basic financial statements in an appropriate operational, economic, or historical context. As part of our engagement, we will apply certain limited procedures to Lake in the Hills Sanitary District's RSI in accordance with auditing standards generally accepted in the United States of America. These limited procedures will consist of inquiries of management regarding the methods of preparing the information and comparing the information for consistency with management's responses to our inquiries, the basic financial statements, and other knowledge we obtained during our audit of the basic financial statements. We will not express an opinion or provide any assurance on the information because the limited procedures do not provide us with sufficient evidence to express an opinion or provide any assurance. The following RSI is required by U.S. generally accepted accounting principles and will be subjected to certain limited procedures, but will not be audited:

- 1) Management's Discussion and Analysis.
- 2) Schedules of Pension Liabilities and Contributions
- 3) Budgetary Comparison Schedules

We have also been engaged to report on supplementary information other than RSI that accompanies Lake in the Hills Sanitary District's financial statements. We will subject the following supplementary information to the auditing procedures applied in our audit of the financial statements and certain additional procedures, including comparing and reconciling such information directly to the underlying accounting and other records used to prepare the financial statements or to the financial statements themselves, and other additional procedures in accordance with auditing standards generally accepted in the United States of America, and we will provide an opinion on it in relation to the financial statements as a whole:

- 1) Special Revenue Funds Combining Balance Sheet and Schedule of Revenues, Expenditures and Changes in Fund Balances
- 2) Schedule of Revenues, Expenditures and Changes in Fund Balances – Budget and Actual

Audit Objective

The objective of our audit is the expression of opinions as to whether your financial statements are fairly presented, in all material respects, in conformity with generally accepted accounting principles and to report on the fairness of the supplementary information referred to in the second paragraph when considered in relation to the financial statements as a whole. Our audit will be conducted in accordance with auditing standards generally accepted in the United States of America and will include tests of the accounting records and other procedures we consider necessary to enable us to express such opinions. We will issue a written report upon completion of our audit of Lake in the Hills Sanitary District's financial statements. Our report will be addressed to the supervisor, Mr. Rick Forner and the Board of Trustees of Lake in the Hills Sanitary District. We cannot provide assurance that unmodified opinions will be expressed. Circumstances may arise in which it is necessary for us to modify our opinions or add emphasis-of-matter or other-matter paragraphs. If our opinions are other than unmodified, we will discuss the reasons with you in advance. If, for any reason, we are unable to complete the audit or are unable to form or have not formed opinions, we may decline to express opinions or may withdraw from this engagement.

Audit Procedures – General

An audit includes examining, on a test basis, evidence supporting the amounts and disclosures in the financial statements; therefore, our audit will involve judgment about the number of transactions to be examined and the areas to be tested. An audit also includes evaluating the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluating the overall presentation of the financial statements. We will plan and perform the audit to obtain reasonable assurance about whether the financial statements are free of material misstatement, whether from (1) errors, (2) fraudulent financial reporting, (3) misappropriation of assets, or (4) violations of laws or governmental regulations that are attributable to the government or to acts by management or employees acting on behalf of the government.

Because of the inherent limitations of an audit, combined with the inherent limitations of internal control, and because we will not perform a detailed examination of all transactions, there is a risk that material misstatements may exist and not be detected by us, even though the audit is properly planned and performed in accordance with U.S. generally accepted auditing standards. In addition, an audit is not designed to detect immaterial misstatements, or violations of laws or governmental regulations that do not have a direct and material effect on the financial statements. However, we will inform the appropriate level of management of any material errors, fraudulent financial reporting, or misappropriation of assets that comes to our attention. We will also inform the appropriate level of management of any violations of laws or governmental regulations that come to our attention, unless clearly inconsequential. Our responsibility as auditors is limited to the period covered by our audit and does not extend to any later periods for which we are not engaged as auditors.

Our procedures will include tests of documentary evidence supporting the transactions recorded in the accounts, and may include tests of the physical existence of inventories, and direct confirmation of

receivables and certain other assets and liabilities by correspondence with selected individuals, funding sources, creditors, and financial institutions. We will request written representations from your attorneys as part of the engagement, and they may bill you for responding to this inquiry. At the conclusion of our audit, we will require certain written representations from you about the financial statements and related matters.

Audit Procedures—Internal Control

Our audit will include obtaining an understanding of the government and its environment, including internal control, sufficient to assess the risks of material misstatement of the financial statements and to design the nature, timing, and extent of further audit procedures. An audit is not designed to provide assurance on internal control or to identify deficiencies in internal control. However, during the audit, we will communicate to management and those charged with governance internal control related matters that are required to be communicated under AICPA professional standards.

Audit Procedures—Compliance

As part of obtaining reasonable assurance about whether the financial statements are free of material misstatement, we will perform tests of Lake in the Hills Sanitary District's compliance with the provisions of applicable laws, regulations, contracts, and agreements. However, the objective of our audit will not be to provide an opinion on overall compliance and we will not express such an opinion.

Other Services

We will also prepare the financial statements of Lake in the Hills Sanitary District in conformity with U.S. generally accepted accounting principles based on information provided by you. We will perform the services in accordance with applicable professional standards. The other services are limited to the financial statement services previously defined. We, in our sole professional judgment, reserve the right to refuse to perform any procedure or take any action that could be construed as assuming management responsibilities.

Management Responsibilities

Management is responsible for designing, implementing, and maintaining effective internal controls, including monitoring ongoing activities; for the selection and application of accounting principles; and for the preparation and fair presentation of the financial statements in conformity with U.S. generally accepted accounting principles.

Management is also responsible for making all financial records and related information available to us and for the accuracy and completeness of that information. You are also responsible for providing us with (1) access to all information of which you are aware that is relevant to the preparation and fair presentation of the financial statements, (2) additional information that we may request for the purpose of the audit, and (3) unrestricted access to persons within the government from whom we determine it necessary to obtain audit evidence.

Your responsibilities include adjusting the financial statements to correct material misstatements and confirming to us in the management representation letter that the effects of any uncorrected misstatements aggregated by us during the current engagement and pertaining to the latest period presented are immaterial, both individually and in the aggregate, to the financial statements taken as a whole.

You are responsible for the design and implementation of programs and controls to prevent and detect fraud, and for informing us about all known or suspected fraud affecting the government involving (1) management, (2) employees who have significant roles in internal control, and (3) others where the fraud could have a material effect on the financial statements. Your responsibilities include informing us of your knowledge of any allegations of fraud or suspected fraud affecting the government received in communications from employees, former employees, regulators, or others. In addition, you are responsible for identifying and ensuring that the government complies with applicable laws and regulations.

You are responsible for the preparation of the supplementary information in conformity with U.S. generally accepted accounting principles. You agree to include our report on the supplementary information in any document that contains and indicates that we have reported on the supplementary information. You also agree to [include the audited financial statements with any presentation of the supplementary information that includes our report thereon OR make the audited financial statements readily available to users of the supplementary information no later than the date the supplementary information is issued with our report thereon]. Your responsibilities include acknowledging to us in the representation letter that (1) you are responsible for presentation of the supplementary information in accordance with GAAP; (2) you believe the supplementary information, including its form and content, is fairly presented in accordance with GAAP; (3) the methods of measurement or presentation have not changed from those used in the prior period (or, if they have changed, the reasons for such changes); and (4) you have disclosed to us any significant assumptions or interpretations underlying the measurement or presentation of the supplementary information.

You agree to assume all management responsibilities for financial statement preparation services and any other nonattest services we provide; oversee the services by designating an individual, preferably from senior management, with suitable skill, knowledge, or experience; evaluate the adequacy and results of the services; and accept responsibility for them.

Engagement Administration, Fees, and Other

We may from time to time and depending on the circumstances, use third-party service providers in serving your account. We may share confidential information about you with these service providers, but remain committed to maintaining the confidentiality and security of your information. Accordingly, we maintain internal policies, procedures, and safeguards to protect the confidentiality of your personal information. In addition, we will secure confidentiality agreements with all service providers to maintain the confidentiality of your information and we will take reasonable precautions to determine that they have appropriate procedures in place to prevent the unauthorized release of your confidential information to others. In the event that we are unable to secure an appropriate confidentiality agreement, you will be asked to provide your consent prior to the sharing of your confidential information with the third-party service provider. Furthermore, we will remain responsible for the work provided by any such third-party service providers.

We understand that your employees will prepare all cash, accounts receivable, or other confirmations we request and will locate any documents selected by us for testing.

The audit documentation for this engagement is the property of George Roach & Associates, P.C. and constitutes confidential information. However, subject to applicable laws and regulations, audit documentation and appropriate individuals will be made available upon request and in a timely manner to the State of Illinois or its designee. We will notify you of any such request. If requested, access to such audit documentation will be provided under the supervision of George Roach & Associates, P.C. personnel. Furthermore, upon request, we may provide copies of selected audit documentation to State of Illinois or its designee. The State of Illinois or its designee may intend or decide to distribute the copies or information contained therein to others, including other governmental agencies.

We expect to begin our audit based on your schedule and to issue our reports no later than September 1, 2019. George Roach is the engagement partner and is responsible for supervising the engagement and signing the report or authorizing another individual to sign it.

Our fee for these services will be at our standard hourly rates plus out-of-pocket costs (such as report reproduction, word processing, postage, travel, copies, telephone, etc.) except that we agree that our gross fee, including expenses will not exceed \$10,000. Our standard hourly rates vary according to the degree of responsibility involved and the experience level of the personnel assigned to your audit. Our invoices for these fees will be rendered and are payable on presentation of the audit report. The above fee is based on anticipated cooperation from your personnel and the assumption that unexpected circumstances will not be encountered during the audit. If significant additional time is necessary, we will discuss it with you and arrive at a new fee estimate before we incur the additional costs.

We appreciate the opportunity to be of service to Lake in the Hills Sanitary District and believe this letter accurately summarizes the significant terms of our engagement. If you have any questions, please let us know. If you agree with the terms of our engagement as described in this letter, please sign the enclosed copy and return it to us.

Very truly yours,



George Roach & Associates, P.C.

RESPONSE:

This letter correctly sets forth the understanding of Lake in the Hills Sanitary District.

Management signature: _____

Title: _____

Date: _____

February 11, 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 Change Order #5
Lake in the Hills Sanitary District

Dear Mr. Forner:

Enclosed is Change Order #5 for work completed by AMS Mechanical Systems, INC on the Lake in the Hills Sanitary District Aerobic Digester #4 Project.

The requested change order encompasses additional excavation on the site and the addition of a sump pump assembly in one of the vaults. The change order is in the amount of TWELVE THOUSAND SIX HUNDRED NINETY EIGHT DOLLARS AND FOUR CENTS (\$12,698.04). We find the change order to be in appropriate and in order. We recommend approval by the District.

Please find enclosed one (1) original copy of the change order document. Please contact me with any comments or questions.

Sincerely,
Postl-Yore and Associates, Inc.



Brett Postl
President

Enclosures

SECTION 01 26 63

CHANGE ORDERS

ORDER NUMBER: 5

DATE: 02-09-19

AGREEMENT DATE: 02-08-2018

The directed to make the following changes to this CONTRACT:

1. Changes to the contract specifications – includes additional excavation and installation of additional sump pump.
2. Changes to the contract price – Additional excavation - \$8,000
Additional sump pump installation - \$4,698.04

No other work is changed by this Change Order. All materials shall be as specified and approved.

Not valid until signed by the OWNER. Signature of the Contractor indicates his agreement herewith, including any adjustment in the CONTRACT PRICE or CONTRACT TIME.

Original CONTRACT PRICE \$1,820,000.00

Current CONTRACT PRICE adjusted by previously CHANGE ORDER(S) \$1,869,863.89

The CONTRACT PRICE will be (**increased**) (decreased) by this Change Order \$ 12,698.04

The new CONTRACT PRICE including this CHANGE ORDER will be \$1,882,561.93

The CONTRACT TIME will be (increased) (decreased) by _____ (0) days.

The date for completion of all work will be pending (Date).

Approved this _____ day of _____, ____

Approved this 11 day of February, 2019

OWNER

Kenneth Scharlow / smw

CONTRACTOR

Approved this 11 day of Feb, 19

[Signature]
ENGINEER

February 11, 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 #5
Lake in the Hills Sanitary District

Dear Mr. Forner:

Enclosed is Pay Application #5 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 January, 2019.

We find the pay request and supporting documents to be in order, and recommend payment in the amount of **TWO HUNDRED SEVEN THOUSAND SIX HUNDRED EIGHTY TWO DOLLARS AND NO CENTS (\$207,682.00)** to AMS Mechanical Systems, Inc., 9341 Adam Don Parkway, Woodridge, IL 60517, upon receipt of non-conditional partial waivers of lien.

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.

A handwritten signature in blue ink, appearing to read "Brett Postl".

Brett Postl
President

Enclosures

Application and Certificate For Payment

To Owner: LAKE IN THE HILLS SANITARY ATTN: ACCOUNTS PAYABLE 515 PLUM STREET LAKE IN THE HILLS, IL 60156 From (Contractor): AMS MECHANICAL SYSTEMS, INC. 9341 ADAM DON PARKWAY WOODRIDGE, IL 60517 Phone: 630 887-7700	Project: LITH DIGESTER #4 PROJ LAKE IN THE HILLS SANITARY DIS 515 PLUM STREET LAKE IN THE HILLS, IL 60156 Contractor Job Number: 25046 Via (Architect): Contract For:	Application No: 5 Date: 01/01/2019 Period To: 01/31/19 Architect's Project No: Contract Date:
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Contractor's Application For Payment

Change Order Summary	Additions	Deductions
Change orders approved in previous months by owner	49,863.89	
Change orders approved this month	8,000.00 4,698.04	
Totals	12,698.04	
Net change by change orders	62,561.93	

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	1,819,915.53
Retainage	
10.0% of completed work	181,991.27
0.0% of stored material	0.00
Total retainage	181,991.27
Total earned less retainage	1,637,924.26
Less previous certificates of payment	1,430,242.26
Current sales tax	0.00
Current sales tax	0.00
Current payment due	207,682.00
Balance to finish, including retainage	244,637.67

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: 1/1/19
 By: [Signature] County of: Will
 State of: Illinois day of January
 Subscribed and sworn to before me this 1st day of January
2019 (year). Notary public: [Signature]
 My commission expires _____

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.

Architect: [Signature] Date: 2/10/19
 By: [Signature]
 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.

Amount Certified: \$ _____

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: 5 Date: 01/01/19 Period To: 01/31/19
 Contractor's Job Number: 25046
 Architect's Project No:

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	329,809.50	8,990.50	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	12,857.98	
0050	AERATION EQUIPMENT LABOR	24,000.00	21,600.00	2,400.00	0.00	24,000.00	100.00	0.00	2,400.00	
0060	ACTUATOR VALVES MATERIAL (SWANSON FLO)	32,000.00	0.00	32,000.00	0.00	32,000.00	100.00	0.00	3,199.99	
0070	ACTUATOR VALVES LABOR	5,000.00	0.00	5,000.00	0.00	5,000.00	100.00	0.00	500.00	
0080	SCADA CONTROL	121,738.00	0.00	85,216.60	0.00	85,216.60	70.00	36,521.40	8,521.85	
0090	ELECTRICAL	62,700.00	0.00	47,025.00	0.00	47,025.00	75.00	15,675.00	4,702.49	
0100	ELECTRICAL - EXCAVATING	8,000.00	0.00	8,000.00	0.00	8,000.00	100.00	0.00	800.00	
0110	DEMOBILIZATION	5,000.00	0.00	2,500.00	0.00	2,500.00	50.00	2,500.00	250.00	
0120	PIPING from I/G to AERATION TK LABOR and MATERIAL	8,000.00	0.00	8,000.00	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	0.00	4,682.00	0.00	4,682.00	100.00	0.00	488.20	
0170	PAINTING	19,000.00	14,250.00	4,750.00	0.00	19,000.00	100.00	0.00	1,900.00	
9001	Holiday H2W Cast in Hatch Billing Total	7,950.00	0.00	0.00	0.00	0.00	0.00	7,950.00	0.00	
9002	Holiday H2W Cast-in-Hatch	9,496.13	0.00	9,496.13	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	0.00	8,000.00	0.00	8,000.00	100.00	0.00	800.00	
9025	Addl Flush Siting Sump Pump Billing Total	4,698.04	0.00	4,698.04	0.00	4,698.04	100.00	0.00	469.80	
Application Total		1,882,581.93	1,588,157.26	230,758.27	0.00	1,819,815.53	96.87	62,646.40	181,981.27	

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

	MONTH	YTD	BUDGET
Beginning Cash and Investments			
First National Bank	1,498,702.59	1,292,012.41	
Credit Cards	(499.85)	(406.93)	
TOTAL BEGINNING CASH AND INVESTMENTS	1,498,202.74	1,291,605.48	
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	199.23	1,114.82	-
Safety Grant Recvd from IL Public Risk Fund	-	1,810.00	
Interest Income	316.65	2,908.80	1,000.00
TOTAL REVENUES AND RECEIPTS	515.88	624,341.67	619,500.00
Expenditures			
GENERAL FUND			
PERSONNEL SERVICES			
Salaries of Trustees, Manager, Treasurer & Clerk	14,146.47	127,016.86	170,000.00
CONTRACTUAL SERVICES			
Professional Engineering	2,550.00	26,223.00	40,000.00
Legal Services	1,137.50	14,574.50	36,000.00
Other Professional Services	-	-	5,000.00
	3,687.50	40,797.50	81,000.00
ADMINISTRATIVE EXPENSES			
Printing, Publications	219.50	3,396.59	5,000.00
Office Supplies, Equipment	35.79	1,580.93	3,000.00
Postage	122.85	378.05	1,500.00
Treasurer's Bond	3,000.00	3,000.00	4,000.00
Community Affairs	23.96	361.34	2,000.00
Memberships and Dues	339.99	2,558.61	4,500.00
	3,742.09	11,275.52	20,000.00
OPERATING EXPENSES			
Building and Grounds Upkeep	-	12,339.97	12,000.00
Utilities	-	8,300.28	26,000.00
J.U.L.I.E.	-	-	3,000.00
Training and Education	615.00	770.00	2,000.00
Travel Expenses	420.52	460.52	2,000.00
Computer Hardware, Software & Support	99.95	5,828.94	8,000.00
	1,135.47	27,699.71	53,000.00
CONTINGENT AND MISCELLANEOUS EXPENSES			
Not Otherwise Appropriated	-	150.00	1,000.00
	-	150.00	1,000.00
TOTAL GENERAL FUND	22,711.53	206,939.59	325,000.00

Expenditures (continued)

CHLORINATION FUND	1,472.10	5,887.40	24,000.00
	<u>1,472.10</u>	<u>5,887.40</u>	<u>24,000.00</u>
AUDIT FUND	-	10,000.00	25,000.00
	<u>-</u>	<u>10,000.00</u>	<u>25,000.00</u>
PUBLIC LIABILITY INSURANCE FUND			
Workers' Compensation	-	12,092.00	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	-	362.00	800.00
	<u>-</u>	<u>90,706.00</u>	<u>167,800.00</u>
SOCIAL SECURITY FUND	4,205.27	39,594.78	55,000.00
	<u>4,205.27</u>	<u>39,594.78</u>	<u>55,000.00</u>
IMRF FUND	11,191.44	103,681.10	150,000.00
	<u>11,191.44</u>	<u>103,681.10</u>	<u>150,000.00</u>
OTHER EXPENDITURES (RECEIPTS)	-	-	-
	<u>-</u>	<u>-</u>	<u>-</u>
TOTAL EXPENDITURES	<u>39,580.34</u>	<u>456,808.87</u>	<u>746,800.00</u>
EXCESS OF REVENUES OVER (UNDER) EXPENDITURES	<u>(39,064.46)</u>	<u>167,532.80</u>	<u>(127,300.00)</u>
Ending Cash and Investments			
First National Bank	1,460,223.86	1,284,239.04	
Credit Cards	<u>(1,085.58)</u>	<u>(531.20)</u>	
TOTAL ENDING CASH AND INVESTMENTS	<u>1,459,138.28</u>	<u>1,283,707.84</u>	
GENERAL CORPORATE FUND			

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

		MONTH	YTD	BUDGET
Beginning Cash and Investments				
First National Bank - O & M Account	O&M	308,359.34	559,902.23	
First National Bank - Certificate Fund	Bond & Int	107,588.28	29,423.42	
First National Bank - Depreciation Account	Construction	2,022,415.79	1,900,909.65	
First National Bank - Surplus Funds	Construction	7,390.11	14,532.59	
First National Bank - Bond & Interest Fund	Bond & Int	691,189.63	527,845.89	
First National Bank - Sinking Funds	Bond & Int	652,083.42	533,136.32	
Algonquin Bank & Trust - Cash Mgr	O&M	1,020,485.52	3,007,896.46	
Algonquin Bank & Trust - Operating	O&M	144.00	2,164.00	
Home State Bank	O&M	5,357.30	46,412.23	
Illinois State Bank	O&M	2,924.42	28,820.69	
Credit Cards		(414.63)	(918.59)	
TOTAL BEGINNING CASH AND INVESTMENTS		4,817,523.18	6,650,124.89	
SEWERAGE FUNDS				
Revenues and Receipts				
Sewer Bill Income/User Charges		794,475.17	2,741,051.71	3,600,000.00
Septage Income		12,004.50	173,464.20	200,000.00
Wastewater Discharge Income		3,196.82	33,180.49	45,000.00
Refunds		(1,233.73)	(7,576.05)	-
Connection/Tap-On Fees		5,200.00	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		3,413.23	42,334.71	10,000.00
TOTAL REVENUES AND RECEIPTS		817,055.99	3,076,055.06	3,985,500.00
Expenditures				
PERSONNEL SERVICES				
District Personnel Salaries		40,824.36	390,538.82	580,000.00
ADMINISTRATIVE EXPENSES				
Telephone		222.56	2,072.95	3,500.00
Postage		269.29	13,769.04	21,000.00
Printing and Publications		-	65.49	2,200.00
Office Supplies		25.78	3,965.33	8,500.00
Collection and Billing Expenses		3,944.21	51,861.11	80,000.00
Professional Services		77.36	735.14	20,000.00
Training, Travel and Education		-	336.93	5,000.00
Computer Hardware, Software, and Support		4,131.85	16,134.43	24,000.00
Community Affairs		-	662.53	2,000.00
Medical and Life Insurance		22,528.84	166,483.87	210,000.00
		31,199.89	256,086.82	376,200.00
OPERATIONS AND MAINTENANCE				
Operating Supplies		2,395.15	44,886.60	60,000.00
Maintenance and Repair (Plant)		1,585.11	106,361.05	150,000.00
Maintenance and Repair (Collection Systems)		43,976.11	141,606.43	310,000.00
Utilities and Energy		40,792.46	285,443.39	390,000.00
Grounds Upkeep		-	24,273.42	30,000.00
Gasoline/Oil		844.18	14,695.71	15,000.00
Computer and Support Services		-	-	2,000.00
Emergency Communications		7,064.37	46,273.83	54,000.00

Sludge Management	-	317,801.57	500,000.00
Professional Services	2,963.00	17,374.98	24,000.00
Residential Reimbursement	-	3,200.00	10,000.00
Compliance Requirements/Permits	-	20,000.00	28,500.00
GIS	-	8,277.00	10,000.00
	<u>99,620.38</u>	<u>1,030,193.98</u>	<u>1,583,500.00</u>

Expenditures (continued)

CAPITAL IMPROVEMENTS

New Construction	75,914.53	2,491,437.57	3,000,000.00
Plant Equipment	9,425.33	13,080.33	30,000.00
Collection System	-	-	370,000.00
Vehicles	-	-	130,000.00
Legal Expense	-	-	5,000.00
Engineering Expense	15,822.00	98,153.50	375,000.00
Bond, Finance Consulting Expense	-	-	1,000.00
	<u>101,161.86</u>	<u>2,602,671.40</u>	<u>3,911,000.00</u>

BOND TRANSFERS

2008 Debt Certificates, Principal	-	-	105,000.00
2008 Debt Certificates, Interest	-	25,996.89	53,000.00
Administration Fees - 2008 Debt Certs	-	-	3,500.00
	<u>-</u>	<u>25,996.89</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>272,806.49</u>	<u>4,362,760.39</u>	<u>6,837,700.00</u>
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EXCESS OF REVENUES OVER (UNDER) EXPENDITURES	<u>544,249.50</u>	<u>(1,286,705.33)</u>	<u>\$ (2,852,200.00)</u>
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Ending Cash and Investments

First National Bank - O & M Account	O&M	582,837.97	336,857.40
First National Bank - Certificate Fund	Bond & Int	119,875.83	42,430.29
First National Bank - Depreciate Account	Construction	2,029,040.62	1,930,087.43
First National Bank - Surplus Funds	Construction	52,021.65	23,567.65
First National Bank - Bond & Interest Fund	Bond & Int	693,845.15	593,893.57
First National Bank - Sinking Fund	Bond & Int	666,967.40	547,995.04
Algonquin Bank & Trust - Cash Mgr.	O&M	1,194,832.41	2,995,032.03
Algonquin Bank & Trust - Operating	O&M	72.00	14.00
Home State Bank	O&M	8,257.70	46,651.01
Illinois State Bank	O&M	3,713.26	28,902.34
Credit Cards	O&M	(522.99)	(650.92)

TOTAL ENDING CASH AND INVESTMENTS	<u>5,350,941.00</u>	<u>6,544,779.84</u>
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SEWERAGE FUNDS

**LITH SANITARY DISTRICT
Bills Paid Before Meeting
February 14, 2019 Meeting Date**

Name	Memo	Amount
General Fund		
Jones Insurance Services	Treasurer Bond 12/1218-12/12/19	\$ 3,000.00
TOTAL GEN FUND BILLS PAID BEFORE MEETING		\$ 3,000.00
O & M Fund		
Ansercall 24	Emerg Comm	\$ 100.00
AT&T	Emerg Comm	\$ 425.69
AT&T	Emerg Comm	\$ 226.78
Comcast	Computer Support & Telephone	\$ 402.26
Flood Brothers Disposal & Recycling Svs	Building & Grounds - Trash Jan 2019	\$ 318.00
Pitney Bowes Purchase Power	Postage for Meter	\$ 270.99
Verizon Wireless	Emerg Comm	\$ 344.46
TOTAL O & M BILLS PAID BEFORE MEETING		\$ 2,088.18
Bond & Interest Fund		
The Bank of New York Mellon	Admin Fees - 2018 Debt Certs	\$ 750.00
TOTAL BOND & INT BILLS PAID BEFORE MEETING		\$ 750.00

**LITH SANITARY DISTRICT
Recurring Bills
February 14, 2019 Meeting Date**

Name	Memo	Amount
General Fund		
Illinois Municipal Retirement Fund	Employer Portion of IMRF - January 2019	\$ 11,191.44
United States Treasury	District Pd Payroll Taxes (SS & Med)	\$ 4,205.27
TOTAL GENERAL FUND RECURRING BILLS		\$ 15,396.71
O & M Fund		
Humana	Health Insurance Premiums	\$ 21,233.01
Payment Services Network	Collections Expenses from December 2018	\$ 470.62
TOTAL O & M RECURRING BILLS		\$ 21,703.63

Approved _____

President Hansen

**LITH SANITARY DISTRICT - Governmental Fund
Bills Presented to Board for Approval
February 14, 2019**

Name	Memo	Amount
GENERAL CORP FUND BILLS		
Applied Technologies	Engineering	3,024.00
First National Bank of Omaha - Visa	Travel, Education, Printing & Publications	1,061.62
First National Bank of Omaha - Visa	Community Affairs	23.96
Hawkins Inc	Chlorination	1,469.60
Interstate Gas Supply, Inc.	Utilities - Nat Gas November 2018	3,555.08
Interstate Gas Supply, Inc.	Utilities - Nat Gas December 2018	4,817.17
Logsdon Office Supply	Office Equipment - Chair	220.50
Logsdon Office Supply	Office Equipment - Chairs	441.00
Nicor Gas	Utilities - Nat Gas 11/6/18-12/6/18	1,292.28
Nicor Gas	Utilities - Nat Gas 12/6/18-1/8/19	1,389.24
Shaw Suburban Media	Printing & Publications - 2019 Meeting Dates	65.08
Storino Ramello & Durkin	Legal Svs - December 2018	647.50
TOTAL GENERAL CORP FUND BILLS		\$ 18,007.03

**LITH SANITARY DISTRICT - O&M/Sewerage Fund
Bills Presented to Board for Approval
February 14, 2019**

Name	Memo	Amount
O & M BILLS		
Advance Electrical Supply Company LLC	Maint/Repair - Plant	\$ 36.90
Applied Technologies	Engineering - Task Order 18-01 Rear Entrance Drive	\$ 10,612.00
Applied Technologies	Engineering - Task Order 18-02 Beach Lift Station	\$ 4,488.00
Applied Technologies	Engineering - Task Order 18-04 Richard Taylor Park Bypass	\$ 994.00
AT&T	Emerg Comm	\$ 4,173.60
ATI Environmental Inc	Pro Svs - Lab Testing	\$ 135.00
AutoZone, Inc.	Maint/Repair - Vehicles	\$ 39.65
Cintas Corp	Supplies - Personnel	\$ 1,076.90
ComEd, Inc.	Utilities- Coll Sys Dam LS	\$ 634.86

ComEd, Inc.	Utilities- Coll Sys Beach LS	\$	99.32
ComEd, Inc.	Utilities- Coll Sys Meadowbrook LS 12/5/18-1/8/19	\$	418.57
ComEd, Inc.	Utilities- Coll Sys Meadowbrook LS 1/8/19-2/7/19	\$	321.81
Controls Consulting Inc	Engineering & Maint/Repair Coll Sys Decatur LS	\$	2,375.00
Controls Consulting Inc	Engineering SCADA	\$	4,000.00
Controls Consulting Inc	Engineering SCADA	\$	2,240.00
Dynegy Energy Services	Utilities - Plant & Concord, Pyott & Decatur LS	\$	39,233.40
Element Materials Tech Daleville LLC	Pro Svs - Lab	\$	328.55
Englewood Electric Supply Co	Utilities- Coll Sys	\$	1,792.58
First National Bank of Omaha - Visa	Maint/Repair - Plant	\$	295.19
First National Bank of Omaha - Visa	Supplies Personnel & Pro Svs- Intuit Payroll Fees	\$	167.92
Flood Brothers Disposal	Building & Grounds - Feb 2019 Trash & Recycling	\$	318.00
Grainger	Maint/Repair - Plant	\$	51.78
Hawkins Inc	Supplies - Operations	\$	3,910.45
IL Dept of Employment Security	Salaries - Unemployment	\$	1,512.00
Lakeside Equipment Corporation	Maint/Repair - Plant, Septage Receiving Station	\$	3,058.00
Logsdon Office Supply	Office Supplies	\$	88.84
Logsdon Office Supply	Office Supplies	\$	7.05
Logsdon Office Supply	Office Supplies	\$	105.87
Logsdon Office Supply	Office Supplies	\$	9.95
Logsdon Office Supply	Office Supplies	\$	367.60
McHenry County Recorder	Collections	\$	28.50
PetroChoice LLC	Gas/Fuel	\$	781.03
R.N.O.W Inc	Maint/Repair -Coll Sys	\$	1,713.18
Sartorius Corporation	Operating Supplies - Lab	\$	174.59
Storino Ramello & Durkin	Cap Imprvt Legal - Recovery of Earnest Money	\$	175.74
Suburban Laboratories, Inc.	Pro Svs - Lab	\$	132.00
Synagro-WWT, Inc.	Sludge Mgt - December 2018	\$	36,831.10
Synagro-WWT, Inc.	Sludge Mgt - January 2019	\$	37,333.89
Technology Masters Inc	Computer Support	\$	31.25
Technology Masters Inc	Computer Support	\$	743.50
The Home Depot	Supplies - Maintenance	\$	59.88
The UPS Store 2361	Postage	\$	15.71
Third Millennium Associates Inc	Collections	\$	627.47
United Laboratories	Supplies Maintenance	\$	325.18
Village of Lake in the Hills	Collections - Water Shut Off Fees Jan 22, 2019	\$	157.50
Warehouse Direct	Pro Svs - Copies	\$	11.68
Ziegler's Ace Hardware	Supplies - Maintenance	\$	202.65

TOTAL O&M FUND BILLS

\$ 162,237.64

CONSTRUCTION FUND BILLS

Applied Technologies Inc	Engineering - Task Order 18-03 Electrical	\$	4,939.00
Controls Consulting	Engineering - Air Supply	\$	4,060.00
Controls Consulting	Engineering - Digester #4	\$	3,220.00
Postl-Yore and Associates	Engineering - Air Supply	\$	2,590.00
Postl-Yore and Associates	Engineering - Digester #4	\$	14,410.00

TOTAL CONSTRUCTION FUND BILLS

\$ 29,219.00

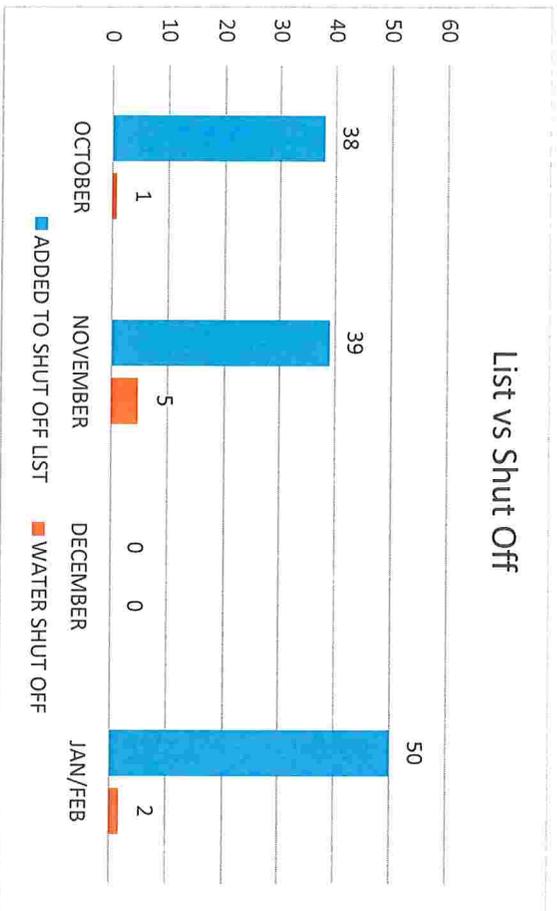
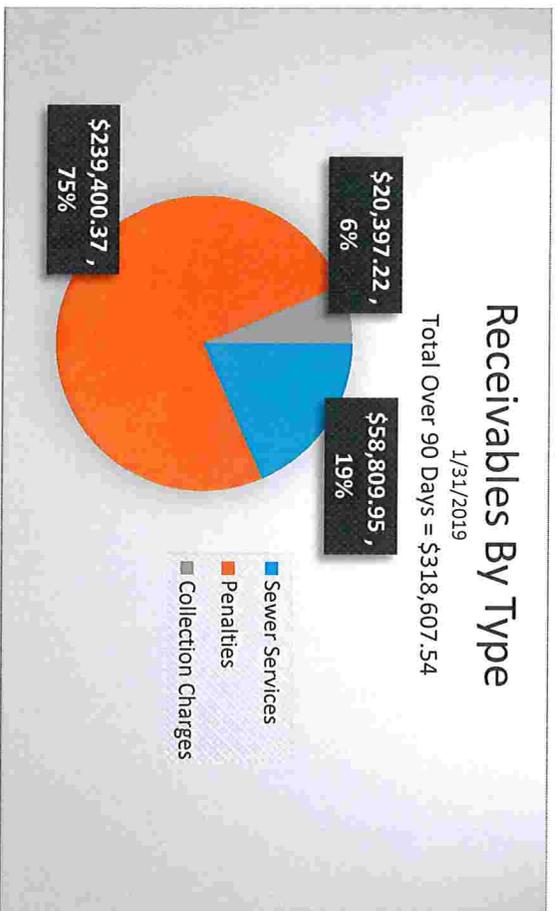
GRAND TOTAL OF ALL BILLS PRESENTED FOR APPROVAL IS \$ 252,402.19 OF WHICH \$ 36,403.74 IS FROM THE GENERAL CORPORATE FUND, \$ 186,029.45 IS FROM THE OPERATIONS AND MAINTENANCE FUND, \$ 29,219.00 IS FROM THE CONSTRUCTION FUND, AND \$ 750.00 IS FROM THE BOND AND INTEREST FUND.

Approved _____

President Hansen

Accounts Receivable Analysis

January 2019



Monthly Shut Off Summary

Lake in the Hills

- 2 Properties Were Shut Off – 1 paid in full post shut off and 1 remains unpaid and appears vacant.

Huntley

- NONE

Crystal Lake

- NONE

Location	Summary
Lake in the Hills	2 Properties Were Shut Off – 1 paid in full post shut off and 1 remains unpaid and appears vacant.
Huntley	NONE
Crystal Lake	NONE

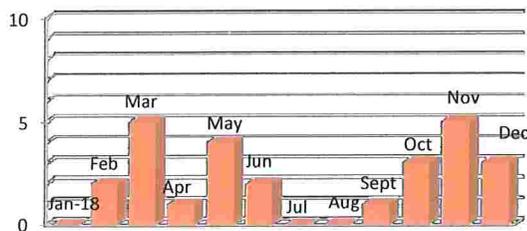
MANAGER'S ANNUAL REPORT YEAR 2018

Customers:

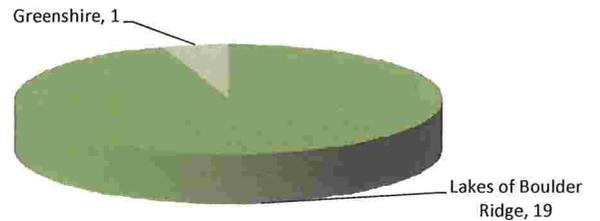
Total accounts:
 New Customers:
 Connections made:
 Permits issued:
 Total permits issued through 12/31/18:
 Residential: 10,073
 Commercial: 121
 Industrial: 1

TOTAL for 2018	TOTAL for 2017	AVERAGE PAST 5 YEARS
11,707	11,688	
19	13	13
22	18	14
26	17	15

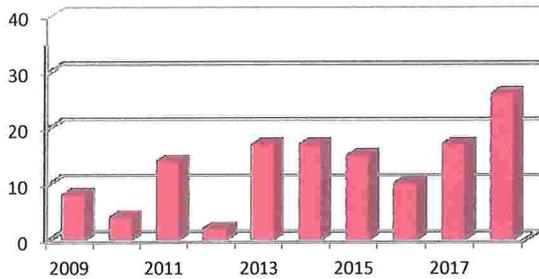
Permits Issued by Month - 2018



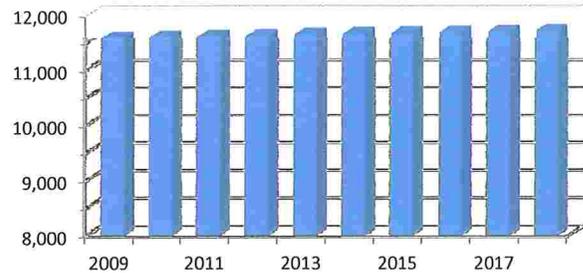
Connections by Development



Permits Issued By Year



**Lake in the Hills Sanitary District
Customer Account Totals**



ILLINOIS E.P.A. SANITARY SEWER EXTENSION PERMITS ISSUED

TOTALS FOR YEAR:	PE	DWELLINGS
None		
	0	

COLLECTION SYSTEM EMERGENCY RESPONSES:

District personnel responded to 26 residential call-outs. Of those, 2 were related to District operations.

MANAGER'S ANNUAL REPORT

Year 2018

Page 2

COLLECTION SYSTEM ACTIVITIES:

Contracts Awarded for Collection System:

Lining of 1,850 lf of 12" line, utilizing the CIPP method, from Willow Street to Oak Street under contract with Hoerr Construction, Inc. in the amount of \$102,870.32

Maintenance Activities for Collection System:

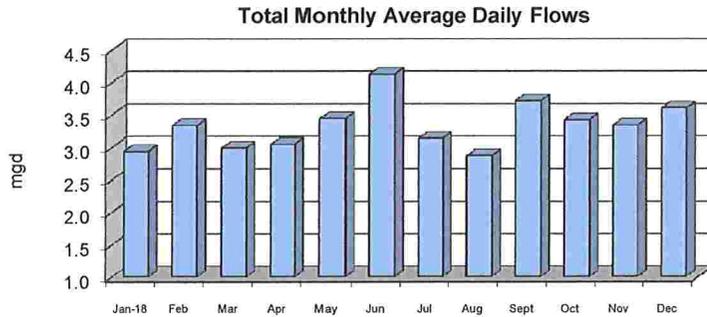
54,426 feet of sewers were inspected by CCTV by our own personnel.
12,640 feet of sewers were cleaned by own personnel.

The following developments were accepted for ownership:

None

FLOWS:

Total Flow for Year:	1.214 billion gallons (1.245 billion gallons - 2017)
Average Daily Flow:	3.331 mgd
Maximum Daily Flow:	9.450 mgd 3-Sept
Total Precipitation For Year:	43.3 inches Annual Average 37.83 inches
Precipitation Daily Maximum:	3.71 inches 1-Sept



TREATMENT PLANT OPERATIONS:

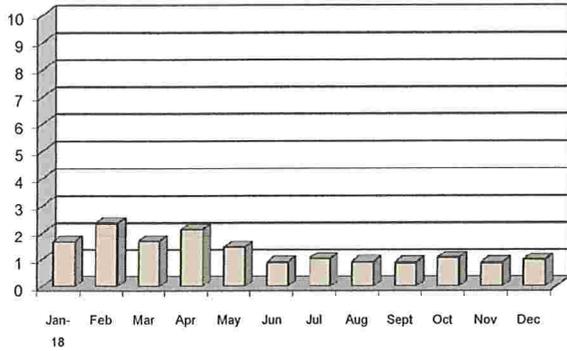
<u>C.B.O.D</u>	<u>Influent</u>	<u>Effluent</u>
Yearly Average:	129 mg/l	1.3 mg/l
Daily Maximum:	232 mg/l 18-Nov	3.8 mg/l 5-Feb
Maximum Loading:	6,037 lbs. 18-Nov	162.9 lbs. 20-Feb
<u>Total Suspended Solids</u>		
Yearly Average:	249 mg/l	5.6 mg/l
Daily Maximum:	676 mg/l 18-Nov	22.0 mg/l 20-Feb
Maximum Loading:	21,548 lbs. 19-Jun	1198 lbs. 20-Feb
<u>Ammonia Nitrogen</u>		
Yearly Average:	16.3 mg/l	0.35 mg/l
Daily Maximum:	31.9 mg/l 26-Sep	4.0 mg/l 26-Feb
Maximum Loading:	795 lbs. 19-Jun	162.3 lbs. 20-Feb
<u>Phosphorus</u>		
Yearly Average:		0.51 mg/l
Daily Maximum:		2.06 mg/l 22-Aug
Maximum Loading:		87.7 lbs. 26-Jun
<u>Fecal Coliform:</u>		
Daily Maximum:		260 Colonies 9/4/18

MANAGER'S ANNUAL REPORT

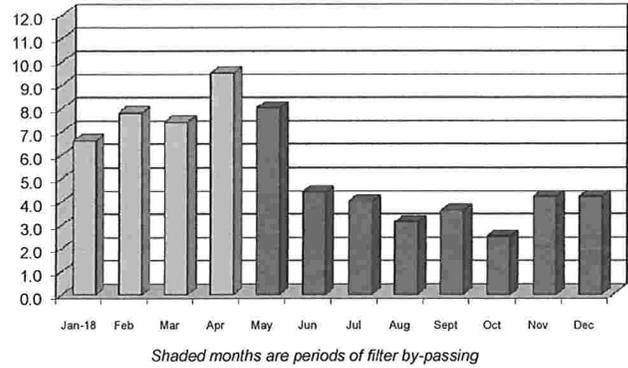
Year 2018

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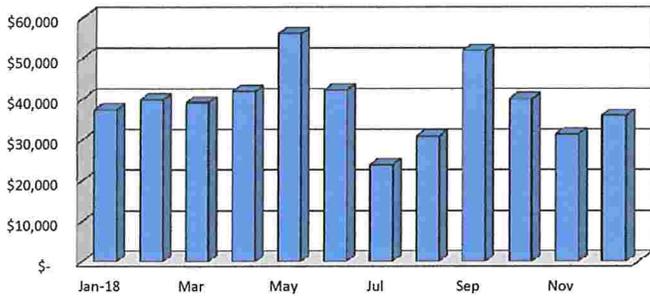
Effluent Monthly Average - CBOD



Effluent Monthly Average - Total Suspended Solids



Sludge Press Expense - Synagro



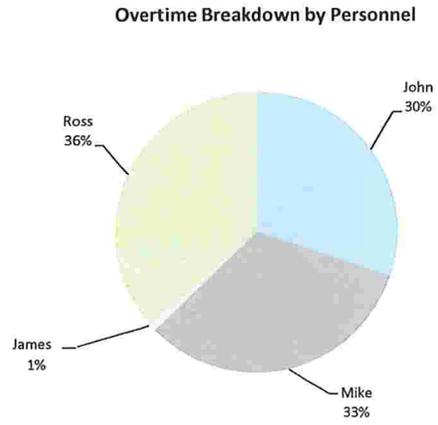
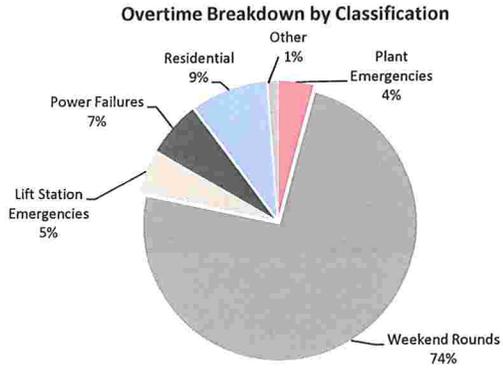
PLANT OPERATIONS SUMMARY:

Annual Quantities:

- Wasted 44,675,000 gallons (3,723,000 gals. Monthly Average)
- Decanted 351,000 gallons (29,250 Monthly Average - 1% of waste)
- Pressed 11,298,000 gallons of sludge (942,000 gals. Monthly Average, \$470,001 approximate total expenditure, \$459,981 - 2017)
- Thickened by GBT 44,724,000 gallons (3,727,000 gals. Monthly Average)
- Sent to Digesters 9,804,000 gallons (817,000 gals. Monthly Average)
- Sludge Generated: 705.55 dry tons (687.17 dry tons - 2017)
- Sludge Land Applied: 705.55 dry tons (687.17 dry tons - 2017)
- Municipal Water Treatment Discharge Received: 39,951,122 gallons (\$43,110 Revenue, 2017 - \$44,296)
- Septage Received: 2,985,452 gallons (\$178,528 Revenue, 2017 - \$209,544)
- Industrial Waste Received: 1,900,000 gallons (Estimated)

Contracts Awarded for Treatment Facility:

Aerobic Digester No. 4, AMS Mechanical Systems, Inc., \$1,820,000.00



Respectfully submitted,

Rick Forner, Manager

MANAGER'S REPORT

Month of January, 2019

<u>Customers:</u>	TOTAL for DATA for		
	CURRENT	YEAR	January 2018
Total accounts thru January 2019:	11,707		11,689
New Customers:	0	0	1
Connections:	5	5	1
Permits Issued:	1	1	0
Permits Issued Past 13 Months:	27		17
Total Permits Issued to Date:			
<i>Residential:</i>	10,074		
<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
1/4/19	1112 Patton Drive	Service Line	No
1/8/19	101 Oakleaf	Service Line	No
1/17/19	2020 Algonquin Road	Blocked Main Line	Yes
1/25/19	642 Joseph Street	Broken Water Service	No

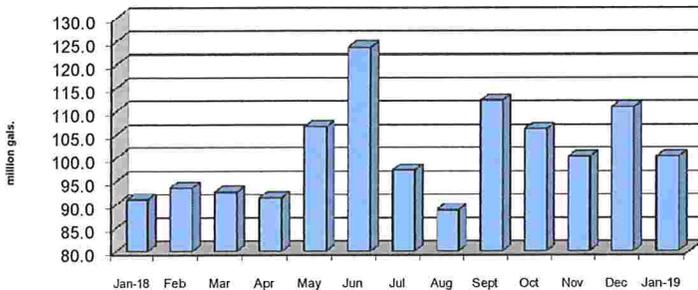
COLLECTION SYSTEM ACTIVITIES:

District personnel cleaned and root cut 1,150 lf of sanitary sewer.

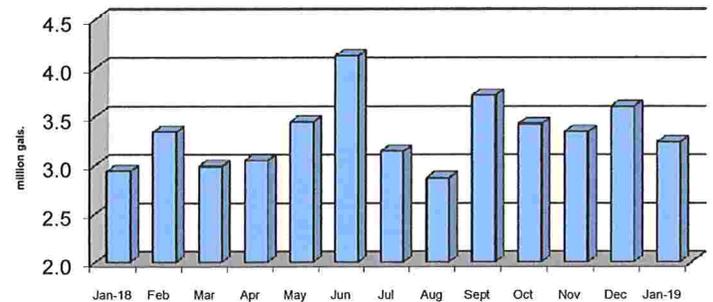
FLOWS:

Total Flow for Month:	100.297	million gallons
Average Daily Flow:	3.235	mgd
Maximum Daily Flow:	3.847	mgd (1/1)
Precipitation Total:	0.71	inches
Historical Monthly Precipitation Avg.:	1.86	inches
Septage Accepted:	198,465	gallons

Total Monthly Flows



Monthly Average Daily Flows



MANAGER'S MONTHLY REPORT

January, 2019

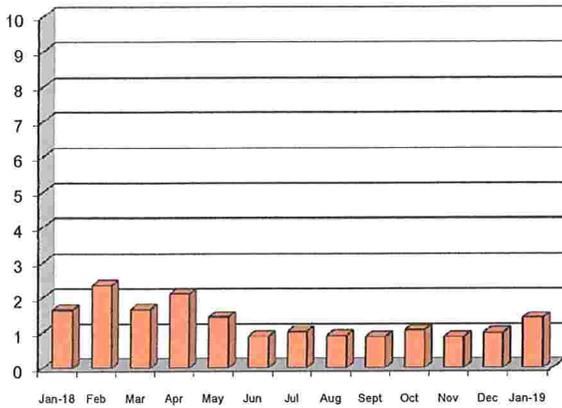
Page 2

TREATMENT PLANT OPERATIONS:

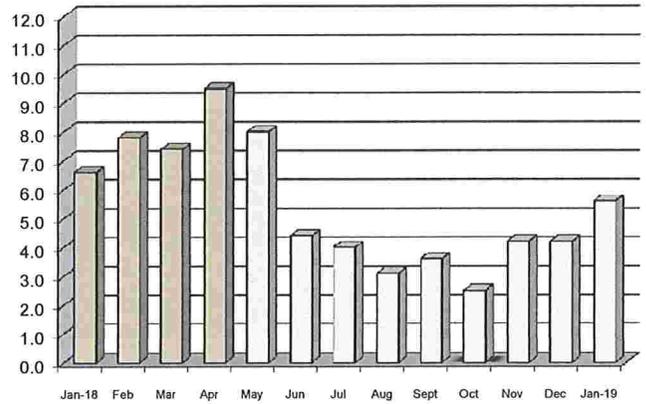
	<u>Average in</u>	<u>Average out</u>	<u>Average % reduction</u>
C.B.O.D:	121 mg/L	1.4 mg/L	98.8%
Total Suspended Solids:	232 mg/L	5.6 mg/L	97.6%
Ammonia Nitrogen:	17.9 mg/L	0.12 mg/L	99.3%
Phosphorus:		0.81 mg/L	
Fecal Coliform:		74 colonies (daily max.)	

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:	3.730 million gallons
Decanted:	0.000 million gallons
Thickened	3.856 million gallons
To Digester	1.080 million gallons
Pressed	1.246 million gallons

PERSONNEL ACTIVITIES:

None

Respectfully submitted,

Rick Forner, Manager