

**LAKE IN THE HILLS SANITARY DISTRICT
AGENDA
REGULAR MEETING
OF THE BOARD OF TRUSTEES
February 8, 2018
7:00 P.M.**

REGULAR MEETING OF THE BOARD OF TRUSTEES

Roll Call

Approval of the Minutes.

Public Comments

Consent Agenda.

- A. Approval of a Wastewater Discharge Agreement with Transport Service Company**

Specific Agenda.

- A. Award of a contract for the construction of Digester #4, per the recommendation of the District Engineer.**

Accountant's Report.

Approval of Bills.

Manager's Report.

Operations Update

2017 Annual Managers Report

Engineers Report

Attorney's Report

Unfinished Business

New Business

Adjournment.

**Lake in the Hills Sanitary District
Board of Trustees Regular Meeting Minutes
January 11, 2018**

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 Kyle Kane. Also present were District Manager Rick Forner, District Attorney Ann Williams, District Engineer Brett Postl and District Treasurer/Clerk Karen Thompson.

Approval of Minutes:

Trustee Easler had some questions on the Minutes of December 14, 2017 related to comments made by President Hansen and District Attorney Ann Williams. He wanted to confirm that they agree with what was written in the Minutes. Motion was made by Trustee Easler and seconded by Trustee Kane to approve the Minutes of the Regular Board Meeting of December 14, 2017 as presented. On a roll call vote, President Hansen and Trustees Easler and Kane voted aye.

Public Comments:

Joseph Greenwood of Lake in the Hills spoke regarding Specific Agenda Item C (Approval of an agreement with Knight E/A Inc to provide an operational assessment of the Lake in the Hills Sanitary District). He encouraged the Board to approve this item as he believes that due to the past actions of the Sanitary District this outside assessment is needed.

Consent Agenda:

- A. Approval of Change Order No. 2 in the amount of -\$7,950.00 in conjunction with the Biosolids Improvements Bid Package "E", Digester #3 project under contract with DN Tanks as presented by District Engineers.
- B. Approval of Application and Certificate for payment #5 in the amount of \$32,140.00 to DN Tanks, Inc. for the Biosolids Improvement Bid Package "E", Digester #3, contract.

Motion was made by Trustee Easler seconded by Trustee Kane to approve the Consent Agenda (items A & B) as presented. On a roll call vote, President Hansen, Trustee Easler and Trustee Kane voted aye.

Specific Agenda:

- A. Approval of a Resolution to Amend Section V of the Lake in the Hills Sanitary District's Personnel Policies and Procedures, Sexual Harassment Policy. (*Resolution No. 389R*)

The District Attorney reported on the changes that were made to the District's Sexual Harassment Policy in order to comply with the new State guidelines.

Motion was made by Trustee Easler, seconded by Trustee Kane to approve Specific Agenda Item A and approve Resolution No. 389R Amending Section V of the Lake in the Hills Sanitary District's Personnel Policies and Procedures. On a roll call vote President Hansen and Trustees Easler and Kane voted aye.

B. Award of a contract for the Reconfiguration of Existing Hoffman Air Blowers, per the recommendation of the District Engineer.

District Engineer reported on the history of this project and provided the Board with some detail on the bids received. He also reported that this project would create some efficiencies in the District's electrical costs. He estimates the savings could be \$80,000 to \$100,000 per year.

He also reported that he has applied for an incentive program thru Commonwealth Edison that would reimburse the District approximately 21 cents per kWh after one year of operation, if approved. That could result in approximately \$100,000 to \$150,000 in savings.

District Engineer recommends awarding the contract to Energenecs Inc. in the base amount of \$659,000.

Trustee Easler had a question regarding whether we have any power correction capacitors on the large loads. District Engineer explained process.

Trustee Kane had a question regarding the timeline of the project. District Engineer explained the process and said they have allowed 250 days for the project to be completed.

District Manager explained that winter is a good time of year to start on the project because the air demands are down.

Motion was made by Trustee Easler, seconded by Trustee Kane to approve Specific Agenda Item B and award the contract for reconfiguration of the existing Hoffman Air Blowers to Energenecs Inc. for \$659,000. On a roll call vote, President Hansen and Trustees Easler and Kane vote aye.

C. Approval of an agreement with Knight E/A, Inc. to provide engineering services to conduct an operational assessment of the Lake in the Hills Sanitary District.

Motion was made by Trustee Easler, seconded by Trustee Kane to bring Specific Agenda Item C before the Board and open for discussion.

Trustee Easler had some questions regarding how often the District is inspected by the EPA and what the EPA is looking for during this inspection. District Manager reported that this an EPA inspection is done annually with the most recent EPA inspection done in July 2017. This inspection is done to confirm that the District is meeting the permit requirements, that the appropriate records are maintained, and that the lab processes are in compliance. The District received accolades from the EPA on the plant.

Trustee Easler asked some questions of the District Attorney to ensure that we are in compliance with the bidding process. The District Attorney explained the process and confirmed that we are in compliance with the process since this project does not exceed the \$40,000 threshold and is for professional services.

District Attorney highlighted some of the language in the contract that was specifically included to address some of the concerns that were previously brought up.

Trustee Easler questioned why the contract was adjusted from 2 months to 4 months. District Attorney reported that this was extended to give a window in case there are any difficulties. It will not exceed 4 months. Knight E/A suggested that it would probably take closer to 2 months.

Trustee Easler had some questions regarding compensation and/or termination. District Attorney directed him to Page 7, Section G of the contract titled Suspension and Termination and provided an explanation. She included verbiage which gives the Board many options for termination of the contract. In the event of termination, any potential pro-rated expenditures for fees would need to be determined at that time.

District Attorney further commented that the language she included in this contract is very "pro District" and very weighted in the District's favor and Knight E/A agreed with those provisions.

Trustee Easler questioned President Hansen regarding whether he has had any contact with anyone from the McHenry County Board or the Village of Lake in the Hills asking us to enter into this agreement. Trustee Easler believes that this was requested from McHenry County Chairman Franks during a conversation he had with President Hansen at the ad hoc meeting. President Hansen does not remember if it was requested, but believes it may have been brought up before that ad hoc meeting. President Hansen believes that he had the first discussion with Chairman Franks on this issue at some time after the financial audit was presented.

Trustee Easler further questioned President Hansen on how this assessment directly benefits the Sanitary District since the District's funds are being spent to pay for it. President Hansen explained that since he and Trustee Kane are new to the Board it is due diligence to confirm that everything is on the level and as it should be. He believes that this assessment will give them peace of mind on the operations.

Trustee Easler does not see the cost benefit of this assessment and he is wondering what the public will feel about spending money on this.

President Hansen further stated that should consolidation move forward any questions can be answered with confidence regarding the District's operations.

Trustee Easler further commented that due to FOIA any citizen can review and inspect any of the District's documents without the need to expend funds. President Hansen doesn't believe that most members of the public would have the knowledge to understand or assess the need for capital expenditures related to the plant. He wants someone independent to prepare a report.

Trustee Easler made a motion to approve Specific Agenda Item C and approve an agreement with Knight E/A Inc to provide engineering services to conduct an operational assessment of the Lake in the Hills Sanitary District. Motion was seconded by Trustee Kane. On a roll call vote, President Hansen and Trustees Easler and Kane voted aye.

Accountant's Report:

District Treasurer presented a copy of the December 2017 Treasurer Reports. She also reported that although revenue seems very lean on the December financials, this is very typical and anticipated for this time of year. Also reported that January is a very busy time of year in the office as quarterly bills are due and 4th quarter and annual payroll filings (W2's, 1099's etc) are due.

Trustee Easler asked if the property tax distribution schedule will change as a result of the large numbers of residents who pre-paid their real estate taxes. District Treasurer reported that she has not heard differently, but would reach out to the County for confirmation.

Motion was made by Trustee Kane seconded by Trustee Easler to approve the December 2017 Treasurer Reports. On a roll call vote President Hansen and Trustees Easler and Kane voted aye.

Approval of Bills:

District Treasurer presented a list of bills for approval.

A motion was made by Trustee Easler and seconded by Trustee Kane to approve the List of Bills as presented for payment totaling \$ 189,145.93 with \$ 25,640.25 from the General Corporate Fund, \$ 122,724.68 from the Operations and Maintenance Fund, \$ 40,781.00 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 Kane voted aye. (A copy of the bills approved will be kept with the Board Meeting documents)

Manager's Report:

The District Manager presented a written copy of the December 2017 Managers Report and provided a verbal recap of some items:

Due to the extreme cold temperatures there were no collection activities in December. This is due to the fact that the staff is unable to take the vacor truck out due to the risk of the water in the lines freezing.

Precipitation for the month was very low, as a result, flows were way down for December.

Plant is operating very well. The results of the effluent from the plant are in good shape with EPA guidelines.

Pointed out that we have allowed 27 days for payment on the bills that are due in January.

Information regarding the Economic Interest statements has been provided to the County. If forms are not received let the District Manager know so he can follow up with the County.

President Hansen had a question about the new Illinois initiative set forth regarding reporting liabilities. The District Attorney will review provisions regarding the Debt Transparency Act to see if there are any requirements for the District on this.

Motion was made by Trustee Easler and seconded by Trustee Kane to approve the Managers Report for December 2017. On a roll call vote, President Hansen and Trustees Easler and Kane voted aye.

District Engineer:

The District Engineer asked if there were any additional questions related to the Blower project that was discussed earlier in the meeting.

Reported that he has been working on Digester #4 which will replace the steel tank. Anticipates these bids will go out in the next few days. Anticipates that this contract won't be awarded by the Board until after the operational assessment is completed as this is a \$1.5 to \$1.6 million project.

Reported that the 12 month barium report is now due. Has been testing 3 deep wells in the Village of Lake in the Hills and 1 deep well in the Village of Huntley. During this testing he has identified 1 of the

wells in the Village of Lake in the Hills that is contributing 94% of the barium. He believes that this knowledge changes the approach regarding mediation and that the most efficient method of treatment should be localized to this 1 well. The District will amend their pretreatment ordinance to include barium. The District Engineer will help put together the technical aspects of this ordinance and will work with the Village to look at how to best treat. Some additional testing will be done on this well so that we have a thorough understanding of how to move forward.

Attorney:

District Attorney gave a report regarding the recovery of the escrow money. The seller's attorney responded to her demand letter and has requested detail on some of her research. She will provide a letter with this information. She will separate any of her costs related to this process. She does remain hopeful that we will be able to recover these funds.

Spoke with McHenry Chairman and he indicated that the next ad hoc committee meeting regarding consolidation will take place on February 6, 2018 at 9:45am. The Chairman anticipates that representatives from the Villages and Cities that the Sanitary District covers will make presentations and ask questions at this meeting. He is also hoping that President Hansen will be able to attend.

Unfinished Business:

Trustee Easler asked the Attorney to separate out her expenses related to consolidation so that we can track that and/or possibly request reimbursement from other entities involved. Attorney said that she can do that, however, as of this date any previous discussions that she has taken part in are the result of larger discussions related to Board meetings. Therefore, costs have not been separated out.

Attorney said that she is not aware of any legal authority that would provide reimbursement from one taxpayer body to another taxpayer body for a consolidation consideration. She is not aware of anything in the law that would address a legal remedy on that. Consolidation is permitted under the law.

President Hansen said that the consolidation process wouldn't involve the District all that much. Most decisions are made by the County or the Village of Lake in the Hills. Will have a better idea of what's going on after the February ad hoc meeting.

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 Kane. The motion passed after a verbal vote. All Board members who were present voted aye.

The meeting was adjourned at 7:47 pm.

Respectfully Submitted,

A handwritten signature in black ink, appearing to read "Karen Thompson", with a long horizontal flourish extending to the right.

Karen Thompson,
District Clerk

APPROVED this _____ day of _____, 2018 .

President Hansen

**WASTEWATER
DISCHARGE AGREEMENT**

AGREEMENT made as of the ____ day of February, 2018, by and between the following parties: Transport Service Co., an Illinois corporation ("TSC") and Lake in the Hills Sanitary District, an Illinois Sanitary District under the laws of the Sanitary District Act of 1917 (the "DISTRICT").

Recitals

A. On or about September 18, 1986, the DISTRICT and Boncosky Services, Inc. ("BONCOSKY"), predecessor-in-interest to TSC, first entered into a written agreement which permitted BONCOSKY to discharge certain wastewater into the DISTRICT's sewage treatment plant ("1986 Permit"). The 1986 Permit was amended and replaced thereafter by BONCOSKY or its initial successor-in-interest, Enterprise Transportation, a division of EPCO, Inc., a Texas Corporation ("ENTERPRISE") in 1992, 1998, 2003, 2008 and most recently by an agreement dated March 1, 2013 (the "2013 Agreement").

B. The 2013 Agreement will expired by its terms on February 28, 2018 and the parties desire to enter into this Wastewater Discharge Agreement in order for TCS to continue discharging certain wastewater from its truck washing facility into the DISTRICT's sewage treatment plant and the DISTRICT is willing to accept certain TSC wastewater pursuant to the terms of this Agreement, so long as the best interest and protection of the health, safety and general welfare of the people of the DISTRICT, as well as the DISTRICT's plant operations, will not be compromised

C. TSC's truck washing facility operates on the property legally described on "Exhibit A" attached hereto. All of the obligations of TSC shall run with the land, until the term of this Agreement expires ("Subject Property"). A copy of this Agreement shall be filed with the McHenry County Recorder of Deeds.

D. TSC acknowledges that it may, by statute or otherwise, have a protectable property interest in the benefits received under this Wastewater Discharge Agreement; however, TSC agrees to waive enforcement of said interest, as provided in this Agreement.

NOW, THEREFORE, in consideration of the following promises, covenants and agreements, the sufficiency of which is acknowledged as being received by the parties hereto, IT IS HEREBY AGREED as follows:

1.

a. In consideration of the full and complete performance of and compliance with each of the promises, covenants, restrictions and agreements provided in paragraph 2 of this Agreement, DISTRICT shall continue to allow TSC to discharge wastewater, subject to the maximum effluent requirements set forth in "Exhibit B" attached hereto and made a part hereof, into DISTRICT's collection system, pursuant to the terms of this Agreement.

b. DISTRICT shall not be obligated to accept any waste from TSC's operations upon DISTRICT's determination that the proposed wastewater (as detected at the effluent of TSC's pretreatment facility) contains effluent concentrations in excess of those listed on Exhibit B, or contains chemical elements or compounds not listed on "Exhibit C" attached hereto and incorporated herein.

2. For and in consideration of the benefits provided in paragraph 1, above, TSC agrees to the following, each being deemed by the parties to be material conditions of this Agreement:

a. The current wastewater disposal operations of TSC shall be in, and remain in compliance with all DISTRICT pretreatment and other ordinances, state and federal laws now in force, enacted subsequent to this Agreement and as they may be amended from time to time

during the term of this Agreement.

b. TSC's discharge fees shall be initially be set at \$1,202.00 per quarter as of the execution of this Agreement. Upon an increase in the DISTRICT's Single Family Equivalent rate, as contained in Section 4.05 of the DISTRICT Code of Rules and Regulation, the fees charged to TSC pursuant to this Agreement shall automatically increase by the same percentage and according to the same timeframe as the other DISTRICT users.

c. TSC's discharge into the DISTRICT's collection system shall be strictly limited under this Agreement to the maximum pollution loads set forth in Exhibit B, as detected at the effluent of TSC's pretreatment facility.

d. TSC shall only wash tank trailers carrying the elements and compounds listed on Exhibit C. Where the chemical elements or compounds of the tank trailers are unknown, unavailable or do not fall within the categories listed on Exhibit C, TSC shall refuse to wash the tank trailer unless previously authorized, in writing, by DISTRICT.

e. All discharges from the pretreatment facility of TSC shall be subject to testing under the jurisdiction of the DISTRICT at TSC's expense. This expense shall include the testing, monitoring, sampling and professional and technical services to evaluate said samples. The DISTRICT shall have total and sole control over all points and methods of discharge to and through the DISTRICT's wastewater collection system and to the DISTRICT's wastewater treatment facilities.

f. Samples of TSC's effluent may be tested by the DISTRICT or sent to a laboratory designated by the DISTRICT, four (4) times per month, as designated by the DISTRICT. No more than two (2) of these four (4) samples shall be tested to determine concentrations of biochemical oxygen demand and suspended solids. No more than one (1) of

these four (4) samples shall be tested to determine concentrations of the parameters identified on Exhibit B. In addition to this monthly testing, once every consecutive twelve months, a sample shall be tested for USEPA priority pollutants-volatile, base neutral and acid extractable GC/MS fractions (40 CFR 122, Appendix D, Table II), as amended from time to time.

g. In the event TSC's discharge (as sampled at TSC's effluent) exceeds the maximum concentrations of suspended solids, COD, ammonia nitrogen, or biochemical oxygen demand (BOD) set forth in Exhibit B, TSC shall pay to the DISTRICT a surcharge fee, as follows:

Biochemical Oxygen Demand	=	\$2.10/lb./day
Suspended Solids	=	\$2.55/lb./day
COD	=	\$1.46/lb./day
Ammonia nitrogen	=	\$2.84/lb./day

The surcharge calculation shall be determined as follows. When a laboratory test, referred to in paragraph 2(e-f) of this Agreement, shows the concentration, of one or more of the parameters on Exhibit B, to be in excess of the maximum allowed thereunder, this shall constitute a discharge in excess of the limits allowed by this Agreement. However, a surcharge fee shall only be charged to, and paid by, TSC in the event the sample next tested by the DISTRICT, or its laboratory, results in a second surcharge. In such event, it will be presumed and agreed upon by the parties that a surcharge fee shall be charged to and paid by TSC at the above-prescribed rate. The rate shall be applied to the average discharge from and including the first discharge sampling date through and including the second discharge sampling date. In the event further tested samples result in additional surcharges, the surcharge fee shall be determined by taking the average of the subsequent results; e.g., average discharge between first sample result and second sample result; second sample result and third sample result, etc.

In the event that four consecutive samples show discharges in excess of the limits allowed in Exhibit B or, in the event patterns of discharges are unduly repeated, as determined by the DISTRICT, the DISTRICT reserves the right to reduce the hydraulic load allowed hereunder until consistent compliance, within the limits prescribed herein, are met.

h. In the event TSC's effluent exceeds the maximum limits provided for in Exhibit B, in accordance with the discharge proscriptions set forth in paragraph 2(f), above, or is outside the compounds provided for in Exhibit C, DISTRICT shall have the absolute right to immediately suspend or terminate TSC's wastewater discharge as provided in this Agreement.

i. TSC's hydraulic load shall be limited to a maximum of 20 gallons per minute unless increased by written authority from the DISTRICT.

j. TSC shall provide an Illinois Environmental Protection Agency licensed plant operator and management supervisor, and continuously update the DISTRICT if management or operations personnel change. TSC shall file the operator certificate with the DISTRICT and keep said license current.

k. TSC shall continuously keep DISTRICT advised of any chemical additives or enzymes to the TSC pretreatment facilities. In addition, current MSDS information documents of all chemicals TSC will be washing and discharging to the DISTRICT's treatment plant shall be supplied to DISTRICT.

l. TSC shall be obligated to reimburse the DISTRICT for the reasonable attorneys fees, engineering fees, costs and expenses incurred by the DISTRICT in the negotiation of this Agreement; and such engineering and legal costs and fees incurred to ensure the terms of this Agreement are being complied with. Provided, however, TSC's obligation to pay the aforesaid expenses is expressly conditioned upon receipt by TSC of itemized statements and bills

which set forth the date and the time the services were performed or the expenses incurred, the person or persons who performed the service or services and the nature of the service or services performed.

m. TSC shall cooperate with the DISTRICT to provide DISTRICT with access to all pretreatment facilities including the food and chemical side as well as the aeration pond. The DISTRICT shall have right of access to TSC's pretreatment facilities and the aerated pond to ascertain that TSC is operating and maintaining such facilities that are integral to a satisfactory discharge to the DISTRICT facilities. The hours in which DISTRICT shall have access will be 8:00 a.m. to 6:00 p.m. daily, without any notice and during other hours, upon two hour's notice, unless in an emergency. Such DISTRICT personnel shall comply with all TSC safety regulations when visiting its site shall display appropriate credentials and shall sign a check in/out sheet. Check in shall occur prior to any DISTRICT inspection. In an effort to mitigate damages to the DISTRICT's property, as referred to in subparagraph 2(k), DISTRICT shall notify TSC within 48 hours of its receipt of adverse laboratory test results.

n. TSC shall immediately notify DISTRICT in the event of any discharge, spill or other occurrence that causes or results in a discharge to DISTRICT's system of any materials whose nature and quantity may constitute a hazard to DISTRICT's personnel, facilities or the environment, or which discharge is by a method other than set forth in this Agreement.

o. TSC shall pay to DISTRICT the required surcharge or user charge fee, as adopted herein. Such surcharge or user charge fee is in addition to penalties, damages, costs or other relief authorized in this Agreement.

p. True copies of the TSC wash tickets shall be available to the DISTRICT without charge, within one week of the DISTRICT requesting them.

q. TSC acknowledges that it may have statutory, ordinance or constitutional rights to notice and an opportunity to be heard prior to suspension or termination of its continued flow of wastewater into the DISTRICT's collection system and wastewater treatment facilities. TSC expressly waives violation of any due process rights or liberty interests that may have been violated in the process; provided, however, the DISTRICT shall provide an opportunity for TSC to be heard within seventy-two hours of the suspension or termination.

r. With regard to the location of the sampling and metering shed currently existing north of the aeration pond on the Subject Property, any relocation of the sampling and metering equipment shall first be approved by the DISTRICT Manager.

3.

a. In the event the influent at the DISTRICT's wastewater treatment facility attains the following parameters,

COD > 5,000 MG/L

BETX > 0.1 MG/L

the DISTRICT may, subject to Paragraph 3(b), below, (i) presume that TSC's wastewater discharge contains concentrations of materials or compounds in violation of the terms of this Agreement, and (ii) suspend the continued flow of TSC's wastewater into the DISTRICT's collection system and wastewater treatment facilities.

b. Following a suspension by the DISTRICT of TSC's wastewater flow, any dispute between the parties as to (i) whether TSC committed a violation of this Agreement, (ii) whether the DISTRICT has suffered damages as a result of said violation, including but not limited to EPA fines or penalties, damage to the DISTRICT's collection system or treatment facilities, or damages suffered by any other person or entity for which the DISTRICT is held

liable, and/or (iii) whether TSC is entitled to resume its flow of wastewater into the DISTRICT's collection system and treatment facilities, shall be determined by arbitration. The arbitration proceeding shall be governed by the Commercial Arbitration Rules of the American Arbitration Association. The arbitrator shall be an independent professional engineer acceptable to the DISTRICT and to TSC; in the event agreement cannot be reached in the joint selection of an arbitrator within three days after a party has notified the other party of a desire to arbitrate a dispute, each party shall select an arbitrator within the succeeding three days and a third arbitrator shall be selected by these two arbitrators within three days. The arbitrator(s) shall have authority to retain independent legal counsel, if in their sole discretion counsel is necessary for the proper discharge of their duties.

The arbitrator(s) may grant any legal or equitable relief they deem necessary and just. The arbitrator(s) shall, in the award, assess compensation, arbitration expenses (including costs of legal counsel retained by the arbitrator(s)), and attorney's fees of the parties. If any fees and costs must be paid before the arbitrator(s) are able to render a decision, such fees and costs shall be split evenly between the parties. The arbitrator(s) shall take into account such interim payments in rendering their decision as to the amounts to be paid by each party. The decision of the arbitrator(s) shall be binding and conclusive on the parties and judgment on their award may be entered in the McHenry County Circuit Court and enforced as any other judgment. All arbitration proceedings shall be conducted in Lake in the Hills, Illinois, unless otherwise agreed by the parties.

4. In the event the DISTRICT fails to enforce one or more of the provisions contained in this Agreement, that failure shall not act as a waiver by the DISTRICT of TSC's obligation to otherwise strictly comply with each and every term of this Agreement.

5. The parties agree that, should any provision of this Agreement conflict with any

similar provision of any state or federal law, the more restrictive provision shall apply.

6. The rights and obligations of TSC, as set forth in this Agreement, shall be binding on TSC's successors in interest and its assignees, whether the assignees acquire their interest by a stock or asset purchase agreement.

7. The terms and conditions agreed to by TSC in paragraph 2 of this Agreement may be modified by the DISTRICT during the term of this Agreement as limitations or requirements of the local ordinances, state or federal law are modified. These modifications may include, but are not necessarily limited to, ILEPA and USEPA promulgating new Pretreatment or other applicable standards or regulations; or, in the event the type, quality, or volume of wastewater is expected to materially or substantially change from that previously granted in this Agreement. DISTRICT shall give thirty (30) days advance written notice to TSC prior to the effective date of change. In addition, a reasonable time schedule, determined by the DISTRICT, shall be given to achieve compliance.

8. TSC shall have the right to terminate this Agreement upon ten (10) days' notice, in writing, to DISTRICT, indicating that TSC no longer intends to discharge wastewater from its pretreatment waste facility. Upon receipt of such notice, DISTRICT shall submit to TSC a final bill for any expenses and reimbursement due, which TSC shall pay prior to the expiration of said ten (10) day period. Upon payment of said expenses and reimbursement, this Agreement shall be terminated. Upon such termination, TSC shall continue to have the right to discharge wastewater, defined as domestic, in the DISTRICT's collection system.

9. The terms of this Agreement, including Exhibits A, B and C, may only be amended, in writing, upon execution of such amendment by both parties hereto.

10. This Agreement may be executed in counterparts and, if so executed, shall be

valid and binding to the same extent as if the parties had executed a single document.

11. TSC and DISTRICT acknowledge that they have had the benefit of counsel during the negotiations preceding the execution of this Agreement.

12. This Agreement shall be governed, for all purposes, by the laws of the State of Illinois.

13. If any section, paragraph, subdivision, clause, sentence or provision of this Agreement shall be determined 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.

14. The term of this Agreement shall extend from March 1, 2018 through, February 28, 2023.

IN WITNESS WHEREOF, the parties have executed this Agreement the day and year, first above written.

Lake in the Hills Sanitary District

Transport Service Co.

By: _____
Eric Hansen, President

By: _____
James King, President

Lots 4, 5, and 6 in Larsen Industrial Park, being a Subdivision of part of Section 21, Township 43 North, Range 8, East of the Third Principal Meridian, according to the Plat thereof recorded September 25, 1978 as Document No.747328, in McHenry County, Illinois

EFFLUENT REQUIREMENTS
BONCOSKY TRANSPORTATION, INC.
PRETREATMENT FACILITY
24-HOUR COMPOSITE SAMPLE

<u>PARAMETER</u>	<u>CONCENTRATION LIMIT</u>
COD	5000 mg/l
BOD ₅	2000 mg/l
Suspended Solids	2000 mg/l
Ammonia Nitrogen	30 mg/l
pH	5-9
Non-Polar Material	100 mg/l
Polar Material	200 mg/l
BETX (benzene, ethyl benzene, toluene, xylenes)	0.1 mg/l
Total Phosphorus (as P)	1.0 mg/l

TANKWASH CHEMICAL/PRODUCT LIST

ALCOHOLS

CYCLOHEXANOL	ISOPROPYL ALCOHOL 91%
ETHYLEHEXANOL – 2	ISOPROPYL ALCOHOL 95%
150 BUTYL ALCOHOL	TEXANOL ESTER-ALCOHOL
N-BUTYL ALCOHOL	ISOPROPYL ALCOHOL 99%
N-PROPYL ALCOHOL	MENTANOL
FURFURYL ALCOHOL	PRIMARY AMYL ALCOHOL
METHYLAMYL ALCOHOL	

ALIPHATIC HYDROCARBONS

HEPTANE	PETROLEUM NAPHTHA
HEXANE	RUBBER SOLVENT
KEROSENE	MINERAL SPIRITS
VM&P NAPHTHA	

AMINES

MONOETHANOLAMINE	DIETHANOLAMINE
MONOETHYLAMINE	DIETHYLAMINE
TRITHANOLAMINE	MORPHOLINE
TRIETHYLAMINE	ETHYLENE DIAMINE
METHYL PYROLIDINE	N-METHYL-PYRROLIDINE

TANKWASH CHEMICAL/PRODUCT LIST

AROMATIC HYDROCARBONS

TOLUENE

XYLENE

TETRAHYDROFURAN (THF)

BENZENE (BENZOL)

VINYL TOLUENE

STYRENE (RESIN SOLUTION)

CAUSTIC

CAUSTIC SODA 50% LIQUID

CAUSTIC POTASH 45% LIQUID

SODIUM HYDROXIDE LIQUID

CHLORINATED SOLVENTS

CARBON TETRACHLORIDE

ETHYLENE DICHLORIDE

METHYLENE CHLORIDE

TRICHLORETHYLENE

PERCHLORETHYLENE

1-1-1 TRICHLORETHANE

ESTERS

AMYL ACETATE PRIMARY

ETHYL ACETATE

N-PROPYL ACETATE

ISO BUTYL ACETATE

ISO PROPYL ACETATE

GLYCERINE

GLYCERINE-NATURAL

GLYCERINE-SYTHETIC

TANKWASH CHEMICAL/PRODUCT LIST

GLYCOLS

DIETHYLENE GLYCOL
DIPROPYLENE GLYCOL
ETHYLENE GLYCOL
HEXYLENE GLYCOL
TRITHYLENE GLYCOL

PROPYLENE GLYCOL IND
PROPYLENE GLYCOL USP
VARIOUS DEICING SOLUTIONS

GLYCOL ETHERS

EM-ETHYLENE GLYCOL
MONOMETHYL ETHER

EE-ETHYLENE GLYCOL
MONOETHYL ETHER

EB-ETHYLENE GLYCOL
MONOBUTYL ETHER

DM-DIETHYLENE GLYCOL
MONOMETHYL ETHER

DE-DIETHYLENE GLYCOL
MONOETHYL ETHER

DB-DIETHYLENE GLYCOL
MONOBUTYL ETHER

GLYCOL ETHER ACETATES

DIETHYLENE GLYCOL
MONOBUTYL
ETHER ACETATE

ETHYLENE GLYCOL
MONOBUTYL

ETHYLENE GLYCOL
MONOETHYL
ETHER ACETATE
URETHANE GRADE

DIETHYLENE GLYCOL
MONOETHYL
ETHER ACETATE

ETHYLENE GLYCOL
MONOMETHYL
ETHER ACETATE

PROPYLENE GLYCOL
METHYL ETHER ACETATE

TANKWASH CHEMICAL/PRODUCT LIST

KETONES

ACETONE	DI ISOBUTYL KETONE
CYCLOHEXANONE	ISOPHORONE
DIACETONE	METHYL ETHYL KETONE
METHYL ISOBUTYL KETONE	

MISCELLANEOUS CHEMICALS

HYDROGEN PEROXIDE

MOTOR OILS & LUBRICANTS

10 W 30	10 W 40
LUBE OIL	10 W 50
LUBE OIL ADDITIVES	GEAR LUBE

PHTHALATE PLASTICIZERS

DOP-DIOCTYL PHTHALATE	DEP-DIETHYL PHTHALATE
DEP-DIBUTYL PHTHALATE	DMP-DIMETHYL PHTHALATE
DI-N-BUTYL PHTHALATE	BIS-2-ETHYLHEXYL PHTHALATE

VEGETABLE OILS

COCONUT	TALL
SOYBEAN	PALM
LINSEED	CORN

TANKWASH CHEMICAL/PRODUCT LIST

SLURREYS

LIME SLURREY

CLAY SLURREY

RESIN

SYNTHETIC
WATER BASED

RESIN SOLUTION

C/N COMPOUND

SODIUM/SALT

ACID BASE

TETRA POTASSIUM PYROPHOSPHATE
SURFACTANTS

ALKALINE BASE

CLEANING SOLUTIONS

OIL BASE

PAINT & LACQUER

DBE-S DIMETHYL FLUTARATE

COMPOUNDS

EMULSIFIED PETROLEUM SIZING
VARIOUS PROPRIETARY BLENDS

TANKWASH CHEMICAL/PRODUCT LIST

DETERGENTS

DODECYLBENZENE SULFONIC ACID

SODIUM XYLENESULFONATE

SODIUM DODECYL BENZENE SULFONATE

PROPRIETARY BLENDS

DEFOMERS

OIL BASE

ALCOHOL BASE

ORGANIC

SYNTHETIC

MISCELLANEOUS

METHYL METHACRYLATE

BUTYL ACRYLATE

OCTYL (2-ETHYLHEXY) ACRYLATE

LAKE IN THE HILLS SANITARY DISTRICT
MONTHLY TREASURER REPORT - GOVERNMENTAL FUNDS
Month of January 2018

	MONTH	YTD	BUDGET
Beginning Cash and Investments			
First National Bank	1,419,551.11	1,229,530.22	
Credit Cards	(49.80)	(1,534.46)	
TOTAL BEGINNING CASH AND INVESTMENTS	1,419,501.31	1,227,995.76	
Revenues and Receipts			
Real Estate Taxes			
General Fund	-	272,862.18	273,000.00
Audit Fund	-	18,299.43	18,300.00
Chlorination	-	18,976.67	19,000.00
Liability Insurance	-	149,104.33	149,200.00
Social Security	-	44,053.34	44,100.00
Retirement	-	100,306.69	100,400.00
Replacement Taxes	185.40	1,058.66	-
Safety Grant Recvd from IL Public Risk Fund	-	2,144.00	
Interest Income	299.99	1,798.72	1,000.00
TOTAL REVENUES AND RECEIPTS	485.39	608,604.02	605,000.00
Expenditures			
GENERAL FUND			
PERSONNEL SERVICES			
Salaries of Trustees, Manager, Treasurer & Clerk	13,860.73	121,224.13	168,000.00
CONTRACTUAL SERVICES			
Professional Engineering	-	51,701.89	40,000.00
Legal Services	5,140.35	14,192.85	15,000.00
Other Professional Services	-	941.00	5,000.00
	5,140.35	66,835.74	60,000.00
ADMINISTRATIVE EXPENSES			
Printing, Publications	94.70	3,397.92	4,000.00
Office Supplies, Equipment	-	451.25	3,000.00
Postage	404.31	647.81	1,000.00
Treasurer's Bond	-	3,000.00	3,500.00
Community Affairs	123.92	253.50	2,000.00
Memberships and Dues	310.00	3,033.99	4,500.00
	932.93	10,784.47	18,000.00
OPERATING EXPENSES			
Building and Grounds Upkeep	336.50	5,194.45	12,000.00
Utilities	646.71	4,953.53	28,000.00
J.U.L.I.E.	-	-	2,500.00
Training and Education	-	255.00	2,000.00
Travel Expenses	-	81.73	2,000.00
Computer Hardware, Software & Support	159.10	3,369.74	8,000.00
	1,142.31	13,854.45	54,500.00
CONTINGENT AND MISCELLANEOUS EXPENSES			
Not Otherwise Appropriated	-	235.00	1,000.00
	-	235.00	1,000.00
TOTAL GENERAL FUND	21,076.32	212,933.79	301,500.00

Expenditures (continued)

CHLORINATION FUND	-	3,487.20	24,000.00
	-	3,487.20	24,000.00
AUDIT FUND	-	16,700.00	20,000.00
	-	16,700.00	20,000.00
PUBLIC LIABILITY INSURANCE FUND			
Workers' Compensation	-	12,524.00	21,000.00
Property	-	36,671.00	43,000.00
Vehicles	-	11,077.00	15,000.00
General Liability	-	25,278.00	70,000.00
Administrative Fee	-	372.00	800.00
	-	85,922.00	149,800.00
SOCIAL SECURITY FUND	3,904.43	37,720.84	50,000.00
IMRF FUND	10,502.12	93,278.12	130,000.00
OTHER EXPENDITURES (RECEIPTS)	-	-	-
TOTAL EXPENDITURES	35,482.87	450,041.95	675,300.00
EXCESS OF REVENUES OVER (UNDER) EXPENDITURES	(34,997.48)	158,562.07	(70,300.00)
Ending Cash and Investments			
First National Bank	1,384,942.40	1,214,208.97	
Credit Cards	(438.57)	(122.37)	
TOTAL ENDING CASH AND INVESTMENTS	1,384,503.83	1,214,086.60	
GENERAL CORPORATE FUND			

LAKE IN THE HILLS SANITARY DISTRICT
MONTHLY TREASURER REPORT - O&M/SEWERAGE FUNDS
 Month of January, 2018

		MONTH	YTD	BUDGET
Beginning Cash and Investments				
First National Bank - O & M Account	O&M	329,014.01	591,000.14	
First National Bank - Certificate Fund	Bond & Int	111,363.50	35,581.38	
First National Bank - Depreciation Account	Construction	1,554,719.78	1,439,040.41	
First National Bank - Surplus Funds	Construction	54,575.77	55,994.07	
First National Bank - Bond & Interest Fund	Bond & Int	607,901.47	445,863.97	
First National Bank - Sinking Funds	Bond & Int	473,746.13	355,362.64	
Algonquin Bank & Trust - Cash Mgr	O&M	2,519,927.68	2,686,621.18	
Algonquin Bank & Trust - Operating	O&M	-	1,005.00	
Home State Bank	O&M	40,626.15	32,557.72	
Illinois State Bank	O&M	25,730.25	21,779.86	
Credit Cards		(156.94)	(352.69)	
TOTAL BEGINNING CASH AND INVESTMENTS		5,717,447.80	5,664,453.68	
Revenues and Receipts				
Sewer Bill Income		797,798.39	2,809,603.24	3,600,000.00
Septage Income		885.84	179,470.94	230,000.00
Wastewater Discharge Income		6,651.11	37,779.80	45,000.00
Refunds		(252.46)	(3,579.59)	-
Connection/Tap-On Fees		-	83,200.00	100,000.00
Annexation Fees (inc. GIS)		-	-	5,000.00
Downstream & Misc Charges		-	1,789.50	500.00
Liftstation Recapture		-	-	-
Gain/Loss - Sale of Equipment		-	2,605.00	-
Interest Income		3,369.43	21,547.18	5,000.00
TOTAL REVENUES AND RECEIPTS		808,452.31	3,132,416.07	3,985,500.00
Expenditures				
PERSONNEL SERVICES				
District Personnel Salaries		37,177.58	371,858.27	580,000.00
ADMINISTRATIVE EXPENSES				
Telephone		477.09	2,319.16	3,000.00
Postage		-	14,292.07	20,000.00
Printing and Publications		212.60	1,101.70	2,000.00
Office Supplies		359.83	4,774.00	8,000.00
Collection and Billing Expenses		4,946.19	45,547.53	80,000.00
Professional Service		76.35	44,276.27	5,000.00
Training, Travel and Education		-	220.00	5,000.00
Computer Hardware, Software, and Support		4,634.80	17,467.62	20,000.00
Community Affairs		-	555.30	2,000.00
Medical and Life Insurance		16,611.04	132,726.15	195,000.00
		27,317.90	263,279.80	340,000.00
OPERATIONS AND MAINTENANCE				
Operating Supplies		5,315.29	39,756.05	60,000.00
Maintenance and Repair (Plant)		1,583.80	90,577.56	130,000.00
Maintenance and Repair (Collection Systems)		-	83,684.58	295,000.00
Utilities and Energy		34,850.02	279,130.89	378,000.00
Grounds Upkeep		-	20,078.66	30,000.00
Gasoline/Oil		409.28	9,032.25	15,000.00
Computer and Support Services		-	99.95	2,000.00
Emergency Communications		5,384.00	42,121.55	48,000.00

Sludge Management	35,927.93	345,593.77	500,000.00
Professional Services	1,946.00	15,642.15	24,000.00
Residential Reimbursement			10,000.00
Compliance Requirements/Permits	-	19,645.00	28,000.00
GIS	-	-	10,000.00
	<u>85,416.32</u>	<u>945,362.41</u>	<u>1,530,000.00</u>

Expenditures (continued)

CAPITAL IMPROVEMENTS

New Construction	69,386.00	647,476.06	3,000,000.00
Plant Equipment	3,535.00	20,435.00	30,000.00
Collection System	-	-	280,000.00
Vehicles	-	29,790.00	50,000.00
Legal Expense	-	-	5,000.00
Engineering Expense	9,251.50	143,591.19	375,000.00
Bond, Finance Consulting Expense - Series 2014A	-	-	1,000.00
	<u>82,172.50</u>	<u>841,292.25</u>	<u>3,741,000.00</u>

BOND TRANSFERS

2008 Debt Certificates, Principal	-	-	100,000.00
2008 Debt Certificates, Interest	-	28,293.76	60,000.00
Administration Fees - 2008 Debt Certs	-	-	3,500.00
	<u>-</u>	<u>28,293.76</u>	<u>163,500.00</u>
Series 2014 Bond, Principal	-	-	100,000.00
Series 2014 Bond, Interest	-	57,493.75	118,000.00
Administration Fees - 2014 Series Bond	-	750.00	3,500.00
	<u>-</u>	<u>58,243.75</u>	<u>221,500.00</u>

CONTINGENT AND MISCELLANEOUS EXPENSES

Not Otherwise Appropriated	-	2,524.43	3,000.00
	<u>-</u>	<u>2,524.43</u>	<u>3,000.00</u>

TOTAL EXPENDITURES

<u>232,084.30</u>	<u>2,510,854.67</u>	<u>6,579,000.00</u>
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EXCESS OF REVENUES OVER (UNDER) EXPENDITURES

<u>576,368.01</u>	<u>621,561.40</u>	<u>\$ (2,593,500.00)</u>
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Ending Cash and Investments

First National Bank - O & M Account	O&M	595,416.07	376,199.49
First National Bank - Certificate Fund	Bond & Int	124,387.77	48,586.29
First National Bank - Depreciation Account	Construction	1,555,832.94	1,446,961.99
First National Bank - Surplus Funds	Construction	56,675.31	36,529.72
First National Bank - Bond & Interest Fund	Bond & Int	610,449.11	510,471.32
First National Bank - Sinking Fund	Bond & Int	488,592.45	370,152.55
Algonquin Bank & Trust - Cash Mgr.	O&M	2,779,818.64	2,725,881.72
Algonquin Bank & Trust - Operating	O&M	677.00	93.00
Home State Bank - Now Account	O&M	43,304.83	32,731.35
Illinois State Bank	O&M	27,433.43	21,860.24
Credit Cards	O&M	(389.62)	(1,369.13)
		<u>6,282,197.93</u>	<u>5,568,098.54</u>

TOTAL ENDING CASH AND INVESTMENTS

SEWERAGE FUND

**LITH SANITARY DISTRICT
Bills Paid Before Meeting
February 8, 2018 Meeting Date**

Name	Memo	Amount
General Fund		
<hr/>		
TOTAL GEN FUND BILLS PAID BEFORE MEETING		\$ -
<hr/>		
O & M Fund		
AT&T	Emerg Comm	\$ 323.29
Comcast Cable	Comp Support & Telephone	\$ 369.92
Flood Brothers Disposal	Building/Grounds - January Trash	\$ 318.00
<hr/>		
TOTAL O & M BILLS PAID BEFORE MEETING		\$ 1,011.21
<hr/>		

**LITH SANITARY DISTRICT
Recurring Bills
February 8, 2018 Meeting Date**

Name	Memo	Amount
General Fund		
Illinois Municipal Retirement Fund	Employer Portion of IMRF - January 2018	\$ 10,502.12
United States Treasury	District Pd Payroll Taxes (SS & Med)	\$ 3,904.43
<hr/>		
TOTAL GENERAL FUND RECURRING BILLS		\$ 14,406.55
<hr/>		
O & M Fund		
Humana	Health Insurance Premiums	\$ 14,942.03
Payment Services Network	Collections Expenses December 2017	\$ 421.99
<hr/>		
TOTAL O & M RECURRING BILLS		\$ 15,364.02
<hr/>		

Approved _____

President Hansen

**LITH SANITARY DISTRICT - Governmental Fund
Bills Presented to Board for Approval
February 8, 2018**

Name	Memo	Amount
GENERAL CORP FUND BILLS		
First National Bank of Omaha - Visa	Printing/Publications & Comp Support	\$ 188.10
First National Bank of Omaha - Visa	Comm Affairs	\$ 13.92
Illinois Assn. of Wastewater Agencies	Training/Education	\$ 60.00
Interstate Gas Supply, Inc.	Utilities - Nat Gas	\$ 1,270.24
Logsdon Office Supply	Office Supplies	\$ 143.76
Nicor Gas	Utilities - Nat Gas	\$ 1,009.05
Northwest Herald	Printing & Publications	\$ 193.40
Storino Ramello & Durkin	Legal Svs - Dec 2017	\$ 1,663.80
The Home Depot	Building & Grounds	\$ 336.50
TOTAL GENERAL CORP FUND BILLS		\$ 4,878.77

**LITH SANITARY DISTRICT - O&M/Sewerage Fund
Bills Presented to Board for Approval
February 8, 2018**

Name	Memo	Amount
O & M BILLS		
Ansercall 24 LLC	Emerg Comm	\$ 100.00
AT&T	Emerg Comm	\$ 3,139.57
AT&T	Emerg Comm	\$ 170.67
AutoZone, Inc.	Maint/Repair - Vehicles	\$ 17.94
Cintas Corp	Supplies - Personnel	\$ 1,147.78
ComEd, Inc.	Utilities - Coll Sys Meadowbrook	\$ 388.84
ComEd, Inc.	Utilities - Coll Sys Dam	\$ 400.65
ComEd, Inc.	Utilities - Coll Sys Beach	\$ 92.28
Conrad De Latour & Associates	Engineering	\$ 6,431.00
Controls Consulting Inc	Maint/Repair - Plant	\$ 4,388.00
Dynegy Energy Services	Utilities - Plant, Concord, Decatur & Pyott LS	\$ 33,816.50

First National Bank of Omaha - Visa	Maint/Repair - Plant	\$	61.55
First National Bank of Omaha - Visa	Personnel Supplies & Pro Svs	\$	311.27
First Security Systems, Inc.	Pro Svs	\$	467.82
Hawkins, Inc	Supplies - Operations	\$	3,700.00
Logsdon Office Supply	Office Supplies	\$	40.70
Logsdon Office Supply	Office Supplies	\$	68.63
Logsdon Office Supply	Office Supplies	\$	738.84
Logsdon Office Supply	Office Supplies	\$	159.94
McHenry County Recorder	Collections	\$	19.50
Northern Tool & Equipment	Plant Equipment	\$	3,409.72
PetroChoice LLC	Gas/Fuel	\$	699.44
Postl-Yore and Associates	Engineering - Barium	\$	1,360.00
Postl-Yore and Associates	General Engineering Services	\$	765.00
Postl-Yore and Associates	Engineering - Collection System	\$	4,068.25
Shaw Suburban Media	Printing & Publications	\$	337.40
Sigma-Aldrich Inc	Operating Supplies - Lab	\$	65.30
Storino Ramello & Durkin	Collections	\$	927.80
Storino Ramello & Durkin	Pro Svs - Recovery of Earnest Money Dec 2017	\$	6,922.00
Synagro WWT	Sludge Mgt - Jan 2018	\$	37,370.63
Technology Masters Inc	Computer Support	\$	826.25
The Home Depot	Maint/Repair - Plant	\$	16.80
The UPS Store	Postage	\$	9.93
United Laboratories	Supplies - Maint	\$	352.08
Verizon Wireless	Emerg Comm	\$	308.15
Village of Lake In The Hills	Collections - Water Shut Offs	\$	367.50
Warehouse Direct	Pro Svs	\$	38.48
Water One, Inc.	Supplies - Personnel	\$	70.00

TOTAL O&M FUND BILLS

\$ 113,576.21

CONSTRUCTION FUND BILLS

Controls Consulting	Engineering - Air Supply	\$	980.00
Controls Consulting	Engineering - Digester #4	\$	3,640.00
Postl-Yore and Associates	Engineering - Air Supply	\$	3,316.50
Postl-Yore and Associates	Engineering - Digester #4	\$	26,481.00

TOTAL CONSTRUCTION FUND BILLS

\$ 34,417.50

BOND FUND BILLS

Bank of New York Mellon	Admin Fee - 2018 Debt Certs	\$	750.00
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TOTAL BOND FUND BILLS

\$ 750.00

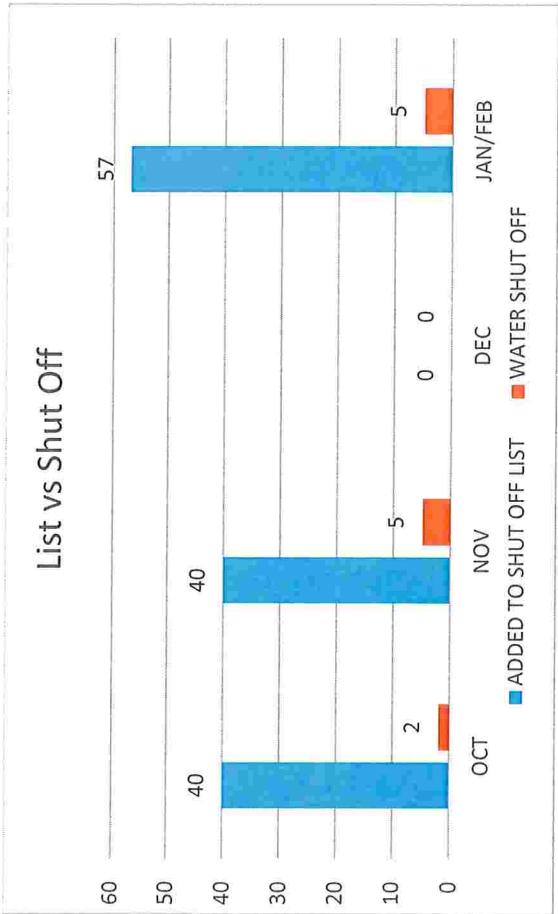
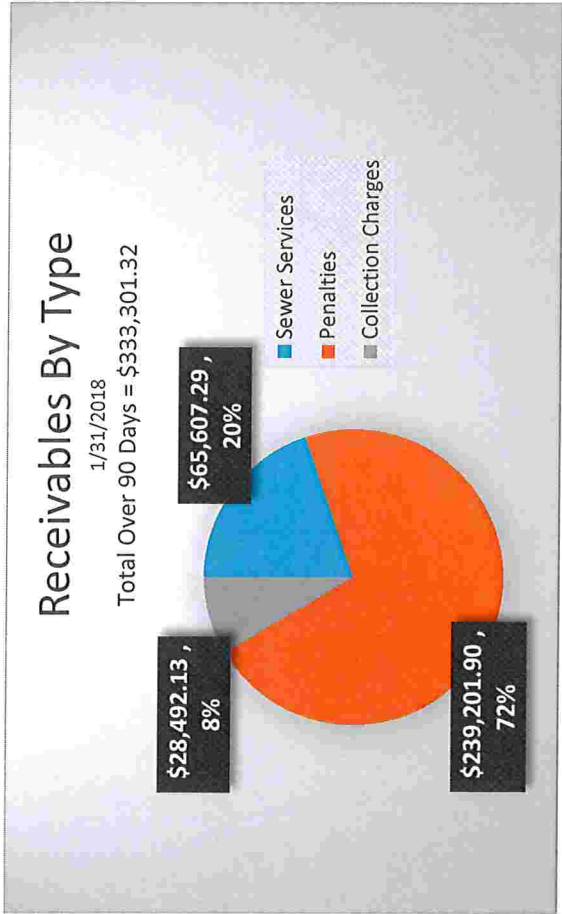
GRAND TOTAL OF ALL BILLS PRESENTED FOR APPROVAL IS \$ 184,404.26 OF WHICH \$ 19,285.32 IS FROM THE GENERAL CORPORATE FUND, \$ 129,951.44 IS FROM THE OPERATIONS AND MAINTENANCE FUND, \$ 34,417.50 IS FROM THE CONSTRUCTION FUND, AND \$ 750.00 IS FROM THE BOND AND INTEREST FUND.

Approved _____

President Hansen

Accounts Receivable Analysis

January 2018



Monthly Shut Off Summary

Lake in the Hills

- 5 Shut Offs – 4 Pd in Full Post Shut Off, 1 Remains Unpaid and Appears Vacant.

Huntley

- NONE

Crystal Lake

- NONE

MANAGER'S REPORT

Month of January, 2018

Customers:

	CURRENT	TOTAL for YEAR	DATA for January 2017
Total accounts thru January 2018:	11,689		11,675
New Customers:	1	1	0
Connections:	1	1	0
Permits Issued:	0	0	0
Permits Issued Past 13 Months:	17		10
Total Permits Issued to Date:			
<i>Residential:</i>	10,048		
<i>Commercial:</i>	121		
<i>Industrial:</i>	1		

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

NAME	PE	DWELLINGS	
Bear Paddle Swim School	50	Pool Facility	(March 2017)
Melody Living of Lake in the Hills	388	Assisted Living	(September 2017)

COLLECTION SYSTEM EMERGENCY RESPONSES:

DATE	LOCATION	PROBLEM	DISTRICT PROBLEM
1/4/18	1216 Sycamore Street	Sewer Gas	No
1/5/18	393 Hiawatha Trail	Slow Drains	No
1/8/18	1411 Washington Street	Slow Drains	No
1/11/18	15 Dogwood Court	Water in Heating Vent	No

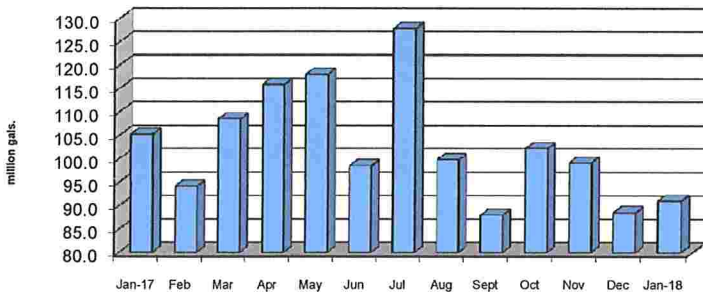
COLLECTION SYSTEM ACTIVITIES:

None

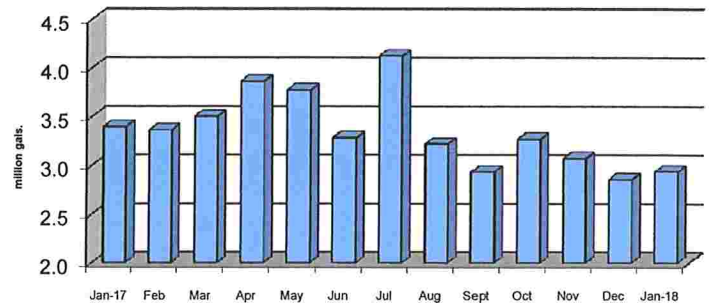
FLOWS:

Total Flow for Month:	91.044	million gallons
Average Daily Flow:	2.937	mgd
Maximum Daily Flow:	3.614	mgd (1/22)
Precipitation Total:	1.32	inches
Historical Monthly Precipitation Avg.:	1.86	inches
Septage Accepted:	115,367	gallons

Total Monthly Flows



Monthly Average Daily Flows



MANAGER'S MONTHLY REPORT

January, 2018

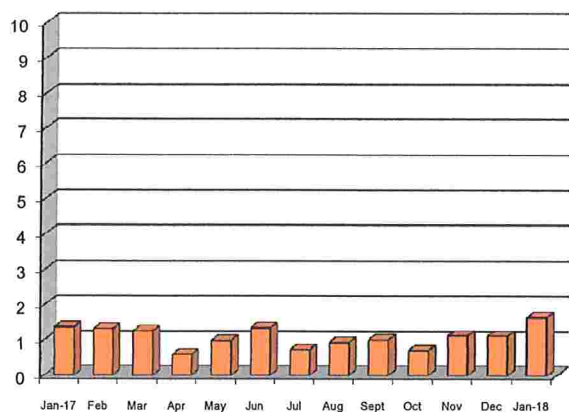
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TREATMENT PLANT OPERATIONS:

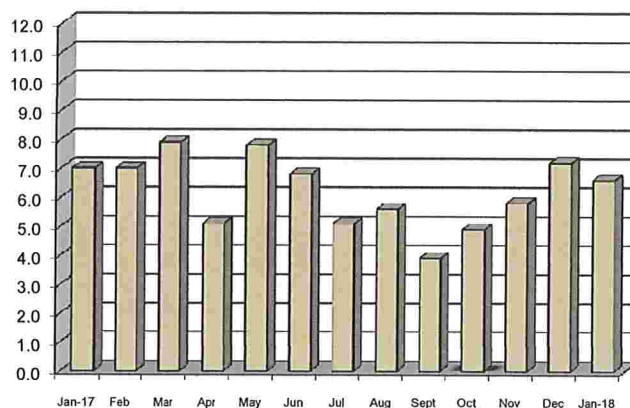
	<u>Average in</u>	<u>Average out</u>	<u>Average % reduction</u>
C.B.O.D:	140 mg/L	1.7 mg/L	98.8%
Total Suspended Solids:	245 mg/L	6.6 mg/L	97.3%
Ammonia Nitrogen:	15.7 mg/L	0.67 mg/L	95.7%
Phosphorus:		0.22 mg/L	
Fecal Coliform:		51 colonies (daily max.)	

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:	3.875 million gallons
Decanted:	0.000 million gallons
Thickened	3.891 million gallons
To Digester	0.632 million gallons
Pressed	0.812 million gallons

PERSONNEL ACTIVITIES:

1/11/2018	Rick, John, Tamara and Ross attended Fox Valley Operators meeting at Carpentersville, Illinois
1/12/2018	Rick attended IAWA meeting in Utica, Illinois
1/31/18	Rick attended IMRF seminar in Crystal Lake, Illinois

Respectfully submitted,

Rick Forner, Manager

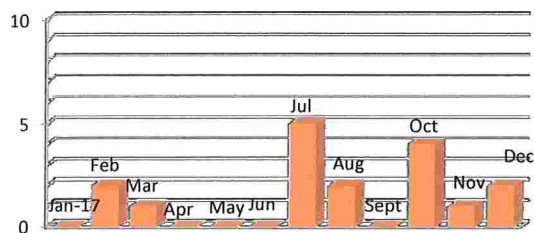
MANAGER'S ANNUAL REPORT YEAR 2017

Customers:

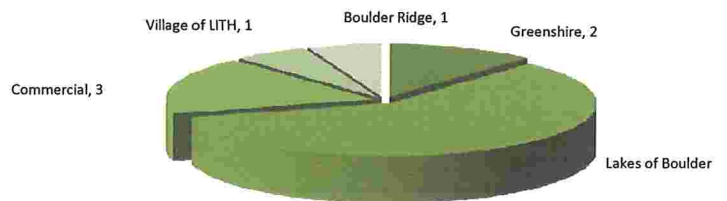
Total accounts:
 New Customers:
 Connections made:
 Permits issued:
 Total permits issued through 12/31/17:
 Residential: 10,048
 Commercial: 121
 Industrial: 1

TOTAL for 2017	TOTAL for 2016	AVERAGE PAST 5 YEARS
11,688	11,675	
13	14	16
18	8	12
17	10	16

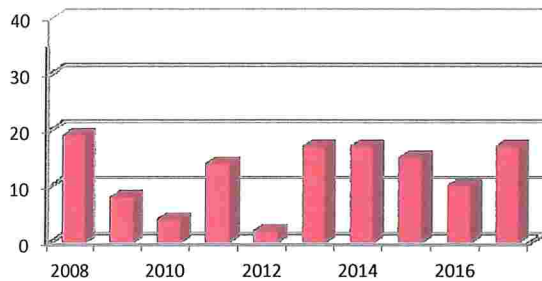
Permits Issued by Month - 2017



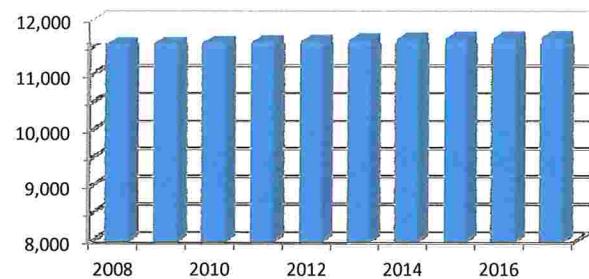
Connections by Development



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	
Bear Paddle Swim School	50	Pool Facility	(March 2017)
Melody Living of Lake in the Hills	388	Assistedm Living	(September 2017)
	438		

COLLECTION SYSTEM EMERGENCY RESPONSES:

District personnel responded to 21 residential call-outs. Of those, 3 were related to District operations.

MANAGER'S ANNUAL REPORT

Year 2017

Page 2

COLLECTION SYSTEM ACTIVITIES:

Contracts Awarded for Collection System:

None

Maintenance Activities for Collection System:

60,407 feet of sewers were inspected by CCTV by our own personnel.

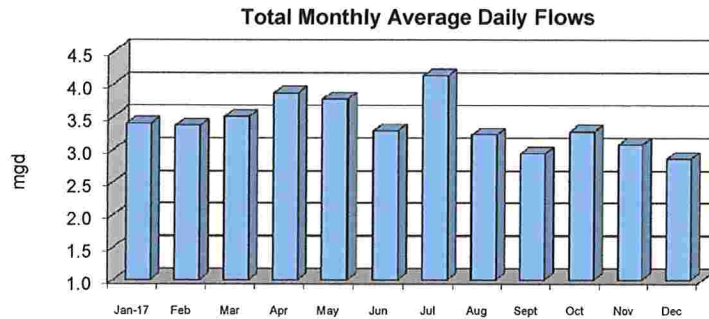
11,381 feet of sewers were cleaned by own personnel.

The following developments were accepted for ownership:

None

FLOWS:

Total Flow for Year:	1.245 billion gallons (1.228 billion gallons - 2016)
Average Daily Flow:	3.387 mgd
Maximum Daily Flow:	7.685 mgd 22-Jul
Total Precipitation For Year:	45.7 inches Annual Average 37.83 inches
Precipitation Daily Maximum:	3.36 inches 28-Jun



TREATMENT PLANT OPERATIONS:

C.B.O.D

	Influent	Effluent
Yearly Average:	154 mg/l	1.1 mg/l
Daily Maximum:	258 mg/l 21-Jun	4.2 mg/l 11-Sep
Maximum Loading:	8,729 lbs. 2-May	106.0 lbs. 11-Sep

Total Suspended Solids

Yearly Average:	298 mg/l	6.2 mg/l
Daily Maximum:	916 mg/l 1-May	13.0 mg/l 17-May
Maximum Loading:	52,827 lbs. 1-May	430 lbs. 3-May

Ammonia Nitrogen

Yearly Average:	18.6 mg/l	0.48 mg/l
Daily Maximum:	74.3 mg/l 31-May	7.5 mg/l 25-Dec
Maximum Loading:	1,749 lbs. 31-May	165.3 lbs. 25-Dec

Phosphorus

Yearly Average:	0.47 mg/l
Daily Maximum:	1.90 mg/l 28-Feb
Maximum Loading:	56.4 lbs. 2-Mar

Fecal Coliform:

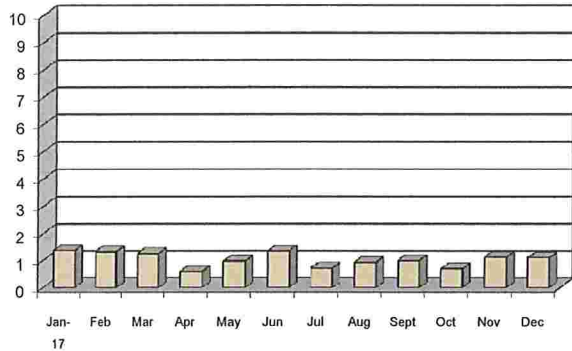
Daily Maximum:	86 Colonies 23-Oct
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MANAGER'S ANNUAL REPORT

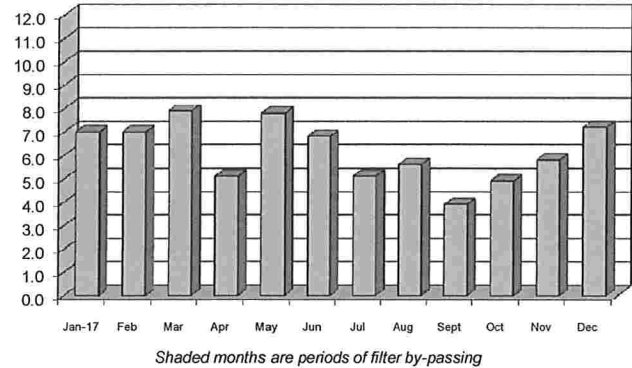
Year 2017

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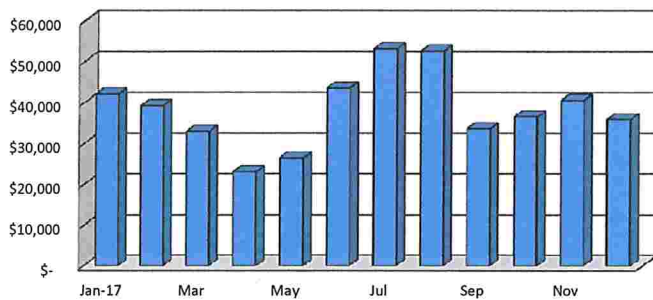
**Effluent Monthly Average -
CBOD**



**Effluent Monthly Average -
Total Suspended Solids**



Sludge Press Expense - Synagro



PLANT OPERATIONS SUMMARY:

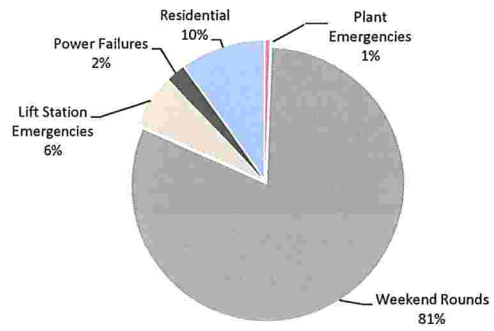
Annual Quantities:

Wasted 46,045,000 gallons (3,873,000 gals. Monthly Average)
Decanted 265,000 gallons (22,100 Monthly Average - 1% of waste)
Pressed 9,841,000 gallons of sludge (820,000 gals. Monthly Average, \$459,981 approximate total expenditure, \$410,638 - 2016)
Thickened by GBT 46,248,000 gallons (3,854,000 gals. Monthly Average)
Sent to Digesters 8,724,000 gallons (727,000 gals. Monthly Average)
Sludge Generated: 687.17 dry tons (905.58 dry tons - 2016)
Sludge Land Applied: 687.17 dry tons (905.58 dry tons - 2016)
Municipal Water Treatment Discharge Received: 40,639,346 gallons (\$44,296 Revenue, 2016 - \$46,356)
Septage Received: 3,492,394 gallons (\$209,544 Revenue, 2016 - \$232,607)
Industrial Waste Received: 1,900,000 gallons (Estimated)

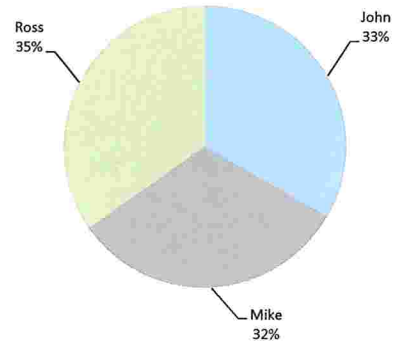
Contracts Awarded for Treatment Facility:

2017 Tank and Clarifier Coating - Clarifiers 1 & 2 and Sludge Holding Tank - RP Coating, \$311,000.00
Reconfiguration of Existing Blowers - Energenecs, Inc., \$659,000.00

Overtime Breakdown by Classification



Overtime Breakdown by Personnel



Respectfully submitted,



Rick Forner, Manager