

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

**7:00 P.M. PUBLIC HEARING – BUDGET AND APPROPRIATION FOR FISCAL YEAR
MAY 1, 2019 THROUGH APRIL 30, 2020**

Roll Call

Public Comments

**Budget and Appropriation for Fiscal Year May 1, 2019 through April 30,
2020**

Adjourn Public Hearing

REGULAR MEETING OF THE BOARD OF TRUSTEES

Roll Call

Approval of the Minutes

Public Comments

Consent Agenda

- A. Ordinance No. 398, An Ordinance for the Combined Budget and Appropriation for Fiscal Year May 1, 2019 through April 30, 2020.**
- B. Designation of Tamara Mueller as the IMRF Authorized Agent for the District.**
- C. Approval of Contractor's Application for Payment No. 1 in the amount of \$93,887.31 to Schroeder Asphalt Services, Inc. for the 2019 Rear Drive Entrance.**
- D. Approval of Change Order No. 1 in the amount of \$4,847 to Schroeder Asphalt Services, Inc. for the Rear Drive Entrance.**
- E. Approval of Final Plat for the Resubdivision of Melody Living.**

**LAKE IN THE HILLS SANITARY DISTRICT
AGENDA
PUBLIC HEARING AND REGULAR MEETING
OF THE BOARD OF TRUSTEES
July 11, 2019
7:00 p.m.
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Specific Agenda

Treasurer's Report

Approval of Bills

GRAND TOTAL OF ALL BILLS PRESENTED FOR APPROVAL IS \$ 242,320.93 OF WHICH \$ 37,891.92 IS FROM THE GENERAL CORPORATE FUND, \$ 162,695.01 IS FROM THE OPERATIONS AND MAINTENANCE FUND, \$ 41,734.00 IS FROM THE CONSTRUCTION FUND, AND \$ 0 IS FROM THE BOND AND INTEREST FUND.

Manager's Report

Operations Update

2019/2020 Tax Levy

Engineer's Report

Attorney's Report

Unfinished Business

New Business

Adjournment

**Lake in the Hills Sanitary District
Board of Trustees Regular Meeting Minutes
June 13, 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 Cheryl Kehoe and Trustee Jessica Reed. Also present were Assistant District Manager Tamara Mueller, Engineer Bob Doeringsfeld of Applied Technologies, District Attorney Ann Williams of Storino, Ramello & Durkin and District Treasurer/Clerk Karen Thompson

Approval of Minutes:

Motion was made by Trustee Kehoe and seconded by Trustee Reed to approve the Minutes of the Rescheduled Board Meeting of May 23, 2019 as presented. On a roll call vote, President Hansen, Trustee Kehoe and Trustee Reed voted aye.

Public Comments:

Terry Easler of Crystal Lake asked if President Hansen received a document from the Attorney indicating that there is no conflict of interest. District Attorney indicated that before they accept a new client they do an internal conflicts check so there are no violations. Terry Easler believes that there is a conflict between the County, District Attorney and Board President. District Attorney indicated that their firm does not represent the County.

Terry Easler had some additional concerns regarding how much money was spent on the personnel investigation and was wondering why the District has not yet received Attorney bills for May. District Attorney will look into why we haven't received additional bills. Terry Easler indicated that he needs to know the total expenses for this matter. He believes the total is approaching \$50,000 between Attorney fees and salary. He further indicated that he does not believe District staff is aware of the District Manager's status and the Board should communicate to staff. President Hansen indicated that the Board has acknowledged receipt of District Manager's resignation effective July 1, 2019. This topic will be discussed later in the meeting under New Business.

Terry Easler further indicated that the current Board members have very limited knowledge of what a Sanitary District is and wants to know if the Trustees feel confident that they have enough understanding to make good decisions. President Hansen commented that their job is not to run a Sanitary District, but instead is to provide oversight.

Terry Easler then asked about the plans for the District Manager's vacancy. President Hansen stated that there is a process and it is being discussed internally right now. Hopefully, there will be some additional information at next month's meeting regarding this.

Terry Easler further questioned if the County is going to continue the consolidation process. President Hansen said that he has not received any new direction on this. Terry Easler asked President Hansen if the County is going to stay out of the Sanitary District's business going forward. President Hansen indicated that it appears that way, but that could change. As always, President Hansen is willing to entertain the idea of consolidation if it makes sense.

Lastly, Terry Easler stated that according to the Sanitary District Act, the Board can hire a Chief Administrative Officer who reports directly to the Board.

Consent Agenda:

- A. Approval of proposal from Conrad De Latour & Associates for subsurface investigation of the Beach Lift Station.

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

Specific Agenda:

None.

Treasurer's Report:

District Treasurer presented written copies of the May 2019 Treasurer reports and provided a verbal summary. She stated that May 1st began the District's new fiscal year. She further stated that she did add the proposed budget numbers to the Treasurer's reports. This budget will be presented for approval at the July meeting. She further stated that the expenses on the O&M report for computer hardware, software & support were high for May. This is because we upgraded the utility billing software and server. She then directed the Board's attention to the Governmental Funds report and advised that in May we did begin to receive property tax installments.

Trustee Reed had a question regarding the high expenses for legal services. Treasurer confirmed that those were for the personnel matter. District Attorney provided further detail and indicated that this was for an unforeseen matter. She indicated that typically their bills are much smaller and their services are used on an as needed basis. District Attorney further stated that with the exception of some analysis and rewrites of the personnel policies, she does not anticipate any large projects in the near future.

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

Approval of Bills:

District Treasurer presented a list of bills for approval. She indicated that due to the late meeting last month there were fewer bills received. She also stated that there was nothing atypical to comment on, but that she has copies of all of the bills if any of the Trustees would like to see the detail.

Trustee Reed asked if we had received the credit from AT&T. District Treasurer indicated that we did receive one credit, but we are still waiting for another credit that Assistant District Manager has been pursuing with AT&T.

President Hansen asked for an update regarding the ComEd lines and the issue of who is responsible for those lines. Engineer Doeringsfeld provided some detail and indicated that is still being determined.

Motion was made by Trustee Kehoe and seconded by President Hansen to approve the List of Bills as presented for payment totaling \$ 155,965.38 with \$ 28,856.37 from the General Corporate Fund,

\$ 112,651.51 from the Operations and Maintenance Fund, \$ 14,457.50 from the Construction Fund and \$ 0 from the Bond and Interest Fund.

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

Manager's Report:

Assistant District Manager prepared and presented the May 2019 Manager's Report and provided a verbal summary. First, she stated that there was a correction on the printed report under connections. It should read one connection in May, which brings the year total to six. She further stated that there were 3 call outs in May, but none were the District's responsibility. She also stated that the repairs to Digester #4 were completed and it is being tested. To test it, they are going to add about a foot of water to the tank to make sure it doesn't leak. If all goes well with that test, it should be usable next week.

The District's IEPA inspection is scheduled for July 12, 2019. President Hansen asked about the barium and phosphorus reports that the IEPA is going to want to see. Assistant District Manager indicated that we have not yet received those reports from the former Engineer. President Hansen indicated that we should hold future payments from the former Engineer until these reports are received. Assistant District Manager indicated that she will follow up with him again. District Treasurer confirmed that this would apply to future bills and not the one that was just approved tonight. President Hansen concurred.

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

Engineer's Report:

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

Regarding Task Order 18-02 (Beach Lift Station Rehab), the direct contract with Conrad De Latour for the soil boring was just approved tonight. The purpose for this soil boring is an effort to contain any construction costs and to eliminate any unknowns due to the proximity to the lake. They will get that scheduled. They have worked with District staff regarding preliminary layouts. This has been sent to the Village and their concerns were with erosion control and the elevation of the lift station rim. Engineer Doeringsfeld said that these concerns have been explained and he does not anticipate any issues. The Village will be issuing the permits for the storm water on this project. They met with ComEd on site. ComEd indicated that without any additional cost they will provide a new pole and transformer. ComEd needs to place this on the northwest property corner; however, there is some landscaping that will need to be trimmed back. Applied Technologies will reach out to the property owner to discuss this. ComEd will disconnect the current overhead service and replace it with underground service. He further indicated that ComEd will not schedule this project until they have a signed contract and that their scheduling time is about 10-12 weeks out. The plan is to bid next month, award in August and begin construction after Labor Day.

Regarding Task Order 18-03 (Electrical Service & Plant Power Distribution), they have all the specifications put together for the electrical studies and are sending those out to prospective firms. The final reports, which will be prepared by a third party, will include arc flash, protective device and short circuit analysis.

Regarding Task Order 18-04 (Richard Taylor Park Bypass), the drawings are complete and will be sent to Assistant District Manager next week. This will also be constructed in the road so they will need to coordinate with the Village.

Regarding Task Order 19-01 (Rear Entrance Drive Construction Services), the pavement removal and excavation of sections 1 & 2 has been completed. They did run into poor soil conditions. Over 70 fully loaded trucks of stone were brought in to ensure a solid foundation for the road. Section 3 will be worked on over the next few weeks. They were unable to start section 3 because of the repairs being done to Digester #4. He did indicate that the culverts he saw up there tonight do not appear to be correct and he will look into that. They are interested in three contract changes for the project,- the first is the addition of fabric due to the poor soil conditions, the second is the addition of a trench drain near Oak Street and the third is removal of the old sludge drying bed piping.

Regarding future task orders, they are finishing up with the wash water pumps and are coordinating with District staff.

President Hansen asked if we are approaching budget limits on any of these projects. Engineer Doeringsfeld feels that we are within budget limits on all task orders.

Attorney's Report:

District Attorney indicated that they did receive a FOIA request from Northwest Herald regarding the District Manager's resignation. This was denied for various reasons under the law. She will keep the Board updated should anything change.

Regarding the posting of the District Manager opening, it is up to the Board on how to proceed, as there is no legal requirement.

Unfinished Business:

None.

New Business:

President Hansen indicated that we will need to fill the District Manager position and he reconfirmed that there is no legal requirement. District Attorney concurred and indicated that it is good protocol to post the opening. She can do some research and recommend a plan. She further stated that to post the opening does not require Board action, but to hire someone would require Board action.

Assistant District Manager indicated that we have not received any applicants for the seasonal summer help. Staff believes this is because the wage is similar to what someone could get anywhere and most high school or college students would not want to work at a wastewater treatment facility. President Hansen and Assistant District Manager agreed that \$15 per hour would be a good wage for this position. District Attorney added that employment offers can be made on a conditional and probationary basis.

Adjournment:

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

The meeting was adjourned at 7:42 pm.

Respectfully Submitted,



Karen Thompson,
District Clerk

APPROVED this _____ day of _____, 2019 .

President Hansen

ORDINANCE NO. 398
*An Ordinance for the Combined Budget and Appropriations
for Fiscal Year May 1, 2019, through April 30, 2020
of the Lake in the Hills Sanitary District*

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

SECTION 1: The following is the Annual Budget and Appropriation Ordinance for the Lake in the Hills Sanitary District for the fiscal year beginning May 1, 2019, and ending April 30, 2020.

A. GENERAL FUND

1.	<u>Personnel Services and Salary Expense</u>	
	Salaries of Trustees, Manager, Finance Director, Clerk	\$175,000
		<u>\$175,000</u>
2.	<u>Contractual Services</u>	
	Professional Engineering	\$ 45,000
	Legal Services	36,000
	Other Professional Services	<u>5,000</u>
		\$ 86,000
3.	<u>Administrative Expenses</u>	
	Printing, Publications	\$ 5,000
	Office Supplies, Equipment	3,000
	Postage	1,000
	Treasurer's Bond	4,000
	Community Affairs	1,000
	Memberships and Dues	<u>4,000</u>
		\$ 18,000
4.	<u>Operating Expenses</u>	
	Building and Grounds Upkeep	\$ 15,000
	Utilities	30,000
	J.U.L.I.E.	3,000
	Training and Education	2,000
	Travel Expenses	2,000
	Computer Hardware, Software & Support	<u>8,000</u>
		\$ 60,000
5.	<u>Contingency and Miscellaneous Expenses</u>	
	(Not otherwise appropriated)	<u>\$ 1,000</u>
		\$ 1,000
	<u>TOTAL GENERAL FUND</u>	<u>\$340,000</u>

B.	<u>CHLORINATION FUND</u>	\$ 24,000
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C.	<u>AUDIT FUND</u>	\$ 20,000
D.	<u>PUBLIC LIABILITY INSURANCE FUND</u>	
	Workers, Compensation	\$ 24,000
	Property	45,000
	Vehicles	18,000
	General Liability	80,000
	Administration Fee	<u>800</u>
		\$167,800
E.	<u>SOCIAL SECURITY FUND</u>	\$ 55,000
F.	<u>IMRF FUND</u>	\$230,000
	<u>TOTAL GENERAL CORPORATE FUND</u>	<u>\$836,800</u>
G.	<u>OPERATION & MAINTENANCE FUND</u>	
1.	<u>SEWERAGE OPERATIONS AND MAINTENANCE ACCOUNT</u>	
a.	<u>Personnel Services</u>	
	District Personnel Salaries	\$604,000
		<u>\$604,000</u>
b.	<u>Administrative Expenses</u>	
	Telephone	3,000
	Postage	20,000
	Printing, Publications	2,000
	Office Supplies	7,500
	Billing and Collection Expenses	75,000
	Professional Services	10,000
	Training, Travel and Education	5,000
	Computer Hardware, Software and Support	70,000
	Community Affairs	2,000
	Medical and Life Insurance	<u>275,000</u>
		\$469,500
c.	<u>Operation and Maintenance of Plant</u>	
	Operating Supplies	\$ 60,000
	Maintenance and Repair (Plant)	150,000
	Maintenance and Repair (Collection Systems)	310,000
	Utilities and Energy	420,000
	Grounds Upkeep	30,000
	Gasoline/Oil	20,000
	Computer and Support Services	2,000
	Emergency Communications	65,000
	Sludge Management	250,000
	Professional Services	24,000

Residential Reimbursement	10,000
Compliance Requirements/Permits	28,500
GIS	<u>10,000</u>
	\$1,379,500
<u>TOTAL OPERATING BUDGET</u>	<u>\$2,453,000</u>

2. Construction

d. Capital Improvements

New Construction	2,500,000
Plant Equipment	30,000
Collection System	300,000
Vehicles	45,000
Legal Expense	5,000
Engineering Expense	375,000
Bond, Finance Consulting Expense	<u>1,000</u>
	\$3,256,000

3. Bond and Interest Account

e. Bond Transfers

2008 Debt Certificates, Principal	110,000
2008 Debt Certificates, Interest	48,000
Administration Fee	<u>3,500</u>
	\$ 161,500

f. Bond Transfers

2014 Debt Certificates, Principal	110,000
2014 Debt Certificates, Interest	112,000
Administrative Fee	<u>3,500</u>
	\$ 225,500

g. Contingency & Miscellaneous Expenses
(Not otherwise appropriated)

	<u>\$ 3,000</u>
	\$ 3,000

TOTAL OPERATION AND MAINTENANCE FUND **\$6,099,000**

SUMMARY:

General Fund	\$ 340,000
Chlorination Fund	24,000
Audit Fund	20,000
Public Liability Insurance Fund	167,800
Social Security Fund	55,000
IMRF Fund	230,000
Operation and Maintenance Fund:	<u>6,099,000</u>
<i>Summary Total:</i>	<u>\$6,935,800</u>

SECTION 2: As part of the Annual Budget, it is stated:

1. That the cash on hand at the beginning of the fiscal year is \$6,260,129.
2. That the estimated cash expected to be received during the fiscal year from all sources is \$4,530,500.
3. That the estimated expenditures contemplated for the fiscal year are \$6,935,800.
4. That the estimated cash expected to be on hand at the end of the fiscal year is \$3,854,829.

SECTION 3: All unexpended balances of any item or items of any general appropriation made by this Ordinance may be expended in making up any insufficiency in any item or items in the same general appropriation and for the same purposes or in a like appropriation made by this ordinance.

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

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

SECTION 6: This Ordinance shall be in full force and effect upon its passage, approval and publication in pamphlet form (which publication is hereby authorized) as provided by law.

Ayes: _____

Nays: _____

Absent: _____

Abstain: _____

APPROVED:

President Eric Hansen

[SEAL]

ATTEST: _____
District Clerk, Karen Thompson

Passed: _____

Approved: _____

Published: _____

CERTIFICATION

I, Karen Thompson, do hereby certify that I am the duly appointed and qualified District Clerk of the Lake in the Hills Sanitary District, McHenry County, Illinois, and that as such District Clerk, I am the keeper of the ordinances, records, corporate seal and proceedings of the President and Board of Trustees of said Lake in the Hills Sanitary District.

I do hereby further certify that at a regular meeting of the President and Board of Trustees of the Lake in the Hills Sanitary District, held on the 11th day of July, 2019, the foregoing Ordinance entitled *An Ordinance for the Combined Budget and Appropriations for Fiscal Year May 1, 2019, through April 30, 2020, of the Lake in the Hills Sanitary District*, was duly passed and approved by the President and Board of Trustees of the Lake in the Hills Sanitary District.

I do further certify that the original, of which the attached is a true and correct copy, is entrusted to me as the District Clerk of said District for safekeeping, and that I am the lawful custodian and keeper of the same.

In witness whereof, I have affixed my name as District Clerk and caused the seal of said District to be affixed hereto this 11th day of July, 2019.

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

[SEAL]

CERTIFICATE OF ESTIMATED REVENUES
LAKE IN THE HILLS SANITARY DISTRICT
FISCAL YEAR BEGINNING MAY 1, 2019

FUND	SOURCE OF REVENUE	AMOUNT
General	Real Estate Taxes	\$240,000
	Interest	1,000
Audit	Real Estate Taxes	10,000
Chlorination	Real Estate Taxes	15,000
Liability Insurance	Real Estate Taxes	135,900
Social Security	Real Estate Taxes	45,000
Retirement	Real Estate Taxes	98,100
Sewerage	User Charges	3,600,000
	Septage Income	200,000
	Wastewater Discharge Income	45,000
	Connection Fee	110,000
	Annexation Fees	5,000
	Downstream Charges	500
	Liftstation Recapture	-0-
	Interest	25,000
Total Estimated Revenues		\$4,530,500

CERTIFICATION

I, Karen Thompson, the District Clerk of the Lake in the Hills Sanitary District, do hereby certify that the above is a true estimate of the revenues anticipated to be received by this governmental unit in this fiscal year 2019-20 for the indicated funds.

Dated: _____, 2019

Karen Thompson
District Clerk

[SEAL]

July 01, 2019



Lake in the Hills Sanitary District
515 Plum Street
Lake in the Hills, Illinois 60156

Re: Rear Drive Entrance
Schroeder Asphalt Services, Inc. Pay Request #1

Dear: Lake in the Hills Sanitary District Board of Trustees:

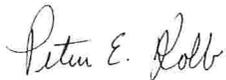
Schroeder Asphalt Services, Inc. has submitted the attached invoice for Pay Request #1, for the Lake in the Hills Sanitary District Rear Drive Entrance project. We have reviewed the work, invoice, payrolls, and lien waivers and recommend approval of the payment in the amount of **\$ 93,887.31**.

The recommended approved payment includes holding a retainage of \$ 10,431.92. Work in this invoice included asphalt removal, earth excavation and base preparation, crushed aggregate base course, storm sewer and trench drain installation, curb and gutter work, and the abandonment of old sludge bed pipes. Work remaining includes additional base course preparation, asphalt paving, and restoration (seeding and erosion control).

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

Sincerely,

Applied Technologies, Inc.



Peter E. Kolb, P.E.

mfp

Enclosures

cc: Tamara Mueller, Lake in the Hills Sanitary District

Contractor's Application for Payment No. 1

Application Period	Jun-19	Application Date	6/27/2019
From (Contractor):	Lake in the Hills Sanitary District 515 Plum Street Lake in the Hills, IL 60156	Via (Engineer):	Applied Technologies, Inc. 468 Park Avenue Lake Villa, IL 60046
Project:	Rear Drive Entrance	Engineer's Project No.:	6336
Contractor's Contract No.:	219042	Contractor's Project No.:	6336

**Application For Payment
Change Order Summary**

Approved Change Order Number	Additions	Deductions
TOTALS		
NET CHANGE BY CHANGE ORDERS		

1. ORIGINAL CONTRACT PRICE..... \$ 318,069.85
2. Net change by Change Orders..... \$
3. Current Contract Price (Line 1 + 2)..... \$ 318,069.85
4. TOTAL COMPLETED AND STORED TO DATE
(Column F total on Progress Estimates)..... \$ 104,119.23
5. RETAINAGE:
 - a. 10% X \$104,119.23 Work Completed..... \$ 10,411.92
 - b. X Stored Material..... \$
 - c. Total Retainage (Line 5.a + Line 5.b)..... \$ 10,411.92
6. AMOUNT ELIGIBLE TO DATE (Line 4 - Line 5.c)..... \$ 93,887.31
7. LESS PREVIOUS PAYMENTS (Line 6 from prior Application)..... \$
8. AMOUNT DUE THIS APPLICATION..... \$ 93,887.31
9. BALANCE TO FINISH, PLUS RETAINAGE
(Column G total on Progress Estimates + Line 5.c above)..... \$ 124,182.54

Contractor's Certification

The undersigned Contractor certifies, to the best of its knowledge, the following

- (1) All previous progress payments received from Owner on account of Work done under the Contract have been applied on account to discharge Contractor's legitimate obligations incurred in connection with the Work covered by prior Applications for Payment;
- (2) Title to all Work, materials and equipment incorporated in said Work, or otherwise listed in or covered by this Application for Payment, will pass to Owner at time of payment free and clear of all Liens, security interests, and encumbrances (except such as are covered by a bond acceptable to Owner indemnifying Owner against any such Liens, security interest, or encumbrances); and
- (3) All the Work covered by this Application for Payment is in accordance with the Contract Documents and is not defective.

Contractor Signature: Jennifer Graves Date: 7/3/19

Payment of \$ 93,887.31
(Line 8 or other - attach explanation of the other amount)

is recommended by: [Signature] (Engineer) 7/3/19 (Date)

Payment of: \$ 93,887.31
(Line 8 or other - attach explanation of the other amount)

is approved by: _____ (Owner) _____ (Date)

Approved by: _____
Funding or Financing Entity (if applicable) _____ (Date)

Contractor's Application

Progress Estimate - Unit Price Work

For (Contract): Lake in the Hills Sanitary District
 Rear Drive Entrance
 Application Number: I
 Application Date: June 27, 2019

A		B				C	D	E	F		
		Contract Information		Total Value of Item (\$)	Estimated Quantity Installed				Total Completed and Stored to Date (D + E)	% (F / B)	Balance to Finish (B - F)
Bid Item No.	Item Description	Item Quantity	Units	Unit Price	Total Value of Item (\$)	Estimated Quantity Installed	Value of Work Installed to Date	Materials Presently Stored (not in C)	Total Completed and Stored to Date (D + E)	% (F / B)	Balance to Finish (B - F)
1-1	Pavement Removal	1,965	SY	\$8.00	\$15,720.00	1,965	\$15,720.00		\$15,720.00	100.0%	
1-2	Earth Excavation	300	CY	\$30.00	\$9,000.00	652.15	\$19,564.50		\$19,564.50	217.4%	-\$10,564.50
1-3	Pipe Culvert Removal	64	LF	\$7.35	\$470.40	59.42	\$436.74		\$436.74	92.8%	\$33.66
1-4	Pipe Arch Culvert, Class D, Type I, 15-inch Equivalent Round	32	LF	\$68.25	\$2,184.00						\$2,184.00
1-5	Pipe Arch Culvert, Class D, Type I, 18-inch Equivalent Round	32	LF	\$78.75	\$2,520.00						\$2,520.00
1-6	Metal Flared End Section, 15-inch Equivalent Round Size	2	EA	\$210.00	\$420.00						\$420.00
1-7	Metal Flared End Section, 18-inch Equivalent Round Size	2	EA	\$262.50	\$525.00						\$525.00
1-8	Trench Drain, Detail 02999	28	LF	\$660.00	\$18,480.00	294.69	\$12,376.98		\$12,376.98	117.9%	\$18,480.00
1-9	Subgrade Repair	250	TON	\$42.00	\$10,500.00						-\$1,876.98
1-10	Grading and Shaping Ditches	325	LF	\$16.00	\$5,200.00						\$5,200.00
1-11	Aggregate Base Course, Type B	1355	TON	\$17.15	\$23,238.25	565.02	\$9,655.79		\$9,655.79	41.6%	\$13,582.46
1-12	Hot Mix Surface Removal- Butt Joint	160	SY	\$6.00	\$960.00						\$960.00
1-13	Hot Mix Asphalt Binder Course, IL-19.0, N50	370	TON	\$76.00	\$28,120.00						\$28,120.00
1-14	Bituminous Materials (Prime Coat)	4140	LBS	\$0.01	\$41.40						\$41.40
1-15	Hot-Mix Asphalt Surface Course	250	TON	\$85.00	\$21,250.00						\$21,250.00
1-16	Hot-Mix Asphalt Surface Course	80	TON	\$32.00	\$2,560.00						\$2,560.00
1-17	Aggregate Shoulders Type B	1	LS	\$4,700.00	\$4,700.00	0.25	\$1,175.00		\$1,175.00	25.0%	\$3,525.00
1-18	Erosion Control	1	LS	\$4,700.00	\$4,700.00						\$3,240.00
1-19	Seeding, Class 1A	0.2	ACRE	\$16,200.00	\$3,240.00						\$3,240.00
1-20	Storm Inlet, Detail 02997	2	EA	\$1,965.00	\$3,930.00	2	\$3,930.00		\$3,930.00	100.0%	
1-21	12-inch Dia High Density Polyethylene Dual Wall Drainage	110	LF	\$50.40	\$5,544.00	109.3	\$5,508.72		\$5,508.72	99.4%	\$35.28
2-1	Metal Flared End Section, 12-inch	1	EA	\$130.00	\$130.00						\$130.00
2-2	Pavement Removal	1,170	SY	\$8.00	\$9,360.00	1,162.14	\$9,297.12		\$9,297.12	100.0%	\$62.88
2-3	Earth Excavation	215	CY	\$30.00	\$6,450.00	387.38	\$11,621.40		\$11,621.40	180.2%	-\$5,171.40
2-4	Pipe Culvert Removal	44	LF	\$23.00	\$1,012.00	35.4	\$814.20		\$814.20	80.5%	\$197.80
2-5	Pipe Arch Culvert, Class D, Type I, 18-inch Equivalent Round	44	LF	\$105.00	\$4,620.00						\$4,620.00
2-6	Metal Flared End Section, 18-inch Equivalent Round Size	2	EA	\$315.00	\$630.00						\$630.00
2-7	Subgrade Repair	300	TON	\$42.00	\$12,600.00						\$12,600.00
2-8	Aggregate Base Course, Type B	880	TON	\$17.15	\$15,092.00	431.36	\$7,397.82		\$7,397.82	49.0%	\$7,694.18
2-9	Hot Mix Surface Removal- Butt Joint	40	SY	\$6.00	\$240.00						\$240.00
2-10	Hot Mix Surface Removal- Butt Joint	40	SY	\$6.00	\$240.00						\$240.00
2-11	Hot Mix Asphalt Binder Course, IL-19.0, N50	220	TON	\$76.00	\$16,720.00						\$16,720.00
2-12	Bituminous Materials (Prime Coat)	2460	LBS	\$0.01	\$24.60						\$24.60
2-13	Hot-Mix Asphalt Surface Course	150	TON	\$85.00	\$12,750.00						\$12,750.00
2-14	Hot-Mix Asphalt Surface Course	20	TON	\$38.00	\$760.00						\$760.00
2-15	Aggregate Shoulders Type B	70	LS	\$4.90	\$343.00						\$343.00
2-16	Erosion Control	0.1	ACRE	\$16,200.00	\$1,620.00						\$1,620.00
2-17	Seeding, Class 1A	162	LF	\$36.75	\$5,953.50						\$5,953.50
2-18	Concrete Cúter, 24-inch, Detail 02998	890	SY	\$8.00	\$7,120.00	388.87	\$4,710.96		\$4,710.96	66.2%	\$2,409.04
3-1	Pavement Removal	240	CY	\$30.00	\$7,200.00						\$7,200.00
3-2	Earth Excavation	250	TON	\$42.00	\$10,500.00						\$10,500.00
3-9	Subgrade Repair	650	TON	\$17.15	\$11,147.50						\$11,147.50
3-11	Aggregate Base Course, Type B	220	SY	\$6.00	\$1,320.00						\$1,320.00
3-12	Hot Mix Surface Removal- Butt Joint	165	TON	\$76.00	\$12,540.00						\$12,540.00

Progress Estimate - Unit Price Work

Contractor's Application

For (Contract): Lake in the Hills Sanitary District
 Rear Drive Entrance
 Application Period: June-19
 Application Number: J
 Application Date: June 27, 2019

Item		Contract Information				B	C	D	E	F	
Bid Item No.	Description	Item Quantity	Units	Unit Price	Total Value of Item (\$)	Estimated Quantity Installed	Value of Work Installed to Date	Materials Presently Stored (not in C)	Total Completed and Stored to Date (D + E)	% (F / B)	Balance to Finish (B - F)
3-14	Bituminous Materials (Prime Coat)	1870	LBS	\$0.01	\$18.70						\$18.70
3-15	Hot Mix Asphalt Concrete Course	110	TON	\$85.00	\$9,350.00						\$9,350.00
3-16	Aggregate Shoulders Type B	30	TON	\$32.00	\$960.00						\$960.00
3-17	Erosion Control	620	LS	\$4.90	\$3,038.00						\$3,038.00
3-18	Seeding, Class 1A	0.2	ACRE	\$16,200.00	\$3,240.00						\$3,240.00
3-23	Concrete Curb & Gutter, B.6.18, Detail 02100	122	LF	\$38.75	\$4,727.50						\$4,727.50
WCD01											
WCD02											
WCD03	Remove Sludges Drying Bed Pipes	4	EA	\$495.00		4	\$1,980.00		\$1,980.00		
Totals							\$104,319.23		\$104,319.23	32.8%	\$213,750.62

Date of Issuance: _____ Effective Date: _____
 Owner: Lake in the Hills Sanitary District Owner's Contract No.: _____
 Contractor: Schroeder Asphalt Services, Inc. Contractor's Project No.: _____
 Engineer: Applied Technologies, Inc. Engineer's Project No.: PN 6336
 Project: Rear Drive Entrance Contract Name: Rear Drive Entrance

The Contract is modified as follows upon execution of this Change Order:

Description:
 See attached Change Order No. 1 Summary

Attachments: *[List documents supporting change]*

CHANGE IN CONTRACT PRICE	CHANGE IN CONTRACT TIMES <i>[note changes in Milestones if applicable]</i>
Original Contract Price: \$ <u>318,069.85</u>	Original Contract Times: Substantial Completion: <u>August 4, 2019</u> Ready for Final Payment: <u>September 3, 2019</u> days or dates
[Increase] [Decrease] from previously approved Change Orders: \$ <u>0.00</u>	[Increase] [Decrease] from previously approved Change Orders No. <u> </u> to No. <u> </u> : Substantial Completion: _____ Ready for Final Payment: _____ days
Contract Price prior to this Change Order: \$ <u>318,069.85</u>	Contract Times prior to this Change Order: Substantial Completion: _____ Ready for Final Payment: _____ days or dates
[Increase] [Decrease] of this Change Order: \$ <u>4,847.00</u>	[Increase] [Decrease] of this Change Order: Substantial Completion: _____ Ready for Final Payment: _____ days or dates
Contract Price incorporating this Change Order: \$ <u>322,916.85</u>	Contract Times with all approved Change Orders: Substantial Completion: <u>August 4, 2019</u> Ready for Final Payment: <u>September 3, 2019</u> days or dates

RECOMMENDED:
 By: *Peter E. Koll*
 Engineer (if required)
 Title: *District Engineer*
 Date: *7/8/2019*

ACCEPTED:
 By: _____
 Owner (Authorized Signature)
 Title: _____
 Date: _____

ACCEPTED:
 By: *Grace A. Jones*
 Contractor (Authorized Signature)
 Title: *Corporate Secretary*
 Date: *7/8/19*

Approved by Funding Agency
 (if applicable)

By: _____ Date: _____
 Title: _____

CHANGE ORDER NO. 1 SUMMARY

Lake in the Hills Sanitary District - Rear Drive Entrance

Net cost of items 1 below = \$ 4,847.00

Work Change Directive No. 1

- a. Description:
Installation of Geotextile Fabric for Ground Stabilization at identified areas of Subgrade Repair.
- Cost increase of \$ 920.00
 - Time extension – 0 days
- b. Reason for Change:
Multiple areas of unsuitable subgrade were identified on Section 1 and determined to be remediated using Geotextile Fabric.
- c. Supporting Documents:
None.

Work Change Directive No. 2

- a. Description:
Installation of 30 LF of 4-inch ADS N-12 ST IB Pipe, material previously approved in Submittal No. 1.
Provide water-tight boot where pipe connects to trench drain, cast into place.
Move Concrete Headwall for Pipe Underdrains to new location at end of 4-inch extension.
- Cost increase of \$ 1,947.00
 - Time extension – 0 days
- b. Reason for Change:
Outlet of the designed trench drain was found to be discharging to a high-point with the potential to run back onto the road. The decision was made that a small pipe would be used to extend the point of discharge to a point further downhill to allow the water to run off into the existing gutter along Oak St.
- c. Supporting Documents:
WCD No. 2 Exhibit (2 Pages)

Work Change Directive No. 3

- a. Description:
Abandonment of four (4) existing sludge drying bed pipes.
Cut existing pipe 1 foot below subgrade elevation and provide cap with mechanical joint.
- Cost increase of \$ 1,980.00
 - Time extension – 0 days

b. Reason for Change:

The Sanitary District's old sludge drying bed pipes were no longer in use and in the way of the work for the new curb along the beds in Section 2. The decision was made to pay Schroeder to remove the pipes as part of the same project.

c. Supporting Documents:

WCD No. 3 Exhibit (1 Page)

ADS N-12[®] ST IB PIPE (ASTM F2648) SPECIFICATION

Scope

This specification describes 4- through 60-inch (100 to 1500 mm) ADS N-12 ST IB pipe (per ASTM F2648) for use in gravity-flow land drainage applications.

Pipe Requirements

ADS N-12 ST IB pipe (per ASTM F2648) shall have a smooth interior and annular exterior corrugations.

- 4- through 60-inch (100 to 1500 mm) pipe shall meet ASTM F2648.
- Manning's "n" value for use in design shall be 0.012.

Joint Performance

Pipe shall be joined using a bell & spigot joint meeting ASTM F2648. The joint shall be soil-tight and gaskets, when applicable, shall meet the requirements of ASTM F477. Gaskets shall be installed by the pipe manufacturer and covered with a removable, protective wrap to ensure the gasket is free from debris. A joint lubricant available from the manufacturer shall be used on the gasket and bell during assembly.

Fittings

Fittings shall conform to ASTM F2306. Bell and spigot connections shall utilize a spun-on or welded bell and valley or saddle gasket meeting the soil-tight joint performance requirements of ASTM F2306.

Material Properties

Material for pipe production shall be an engineered compound of virgin and recycled high density polyethylene conforming with the minimum requirements of cell classification 424420C (ESCR Test Condition B) for 4- through 10-inch (100 to 250 mm) diameters, and 435420C (ESCR Test Condition B) for 12- through 60-inch (300 to 1500 mm) diameters, as defined and described in the latest version of ASTM D3350, except that carbon black content should not exceed 4%. The design engineer shall verify compatibility with overall system including structural, hydraulic, material, and installation requirements for a given application.

Installation

Installation shall be in accordance with ASTM D2321 and ADS recommended installation guidelines, with the exception that minimum cover in trafficked areas for 4- through 48-inch (100 to 1200 mm) diameters shall be one foot. (0.3 m) and for 60-inch (1500 mm) diameter the minimum cover shall be 2 ft. (0.6 m) in single run applications. Backfill for minimum cover situations shall consist of Class 1 (compacted) or Class 2 (minimum 90% SPD) material. Maximum fill heights depend on embedment material and compaction level; please refer to Technical Note 2.02. Contact your local ADS representative or visit our website at www.ads-pipe.com for a copy of the latest installation guidelines.

Pipe Dimensions

	Nominal Diameter, in (mm)												
Pipe I.D. in (mm)	4 (100)	6 (150)	8 (200)	10 (250)	12 (300)	15 (375)	18 (450)	24 (600)	30 (750)	36 (900)	42 (1050)	48 (1200)	60 (1500)
Pipe O.D.* in (mm)	4.8 (122)	6.9 (175)	9.1 (231)	11.4 (290)	14.5 (368)	18 (457)	22 (559)	28 (711)	36 (914)	42 (1067)	48 (1219)	54 (1372)	67 (1702)

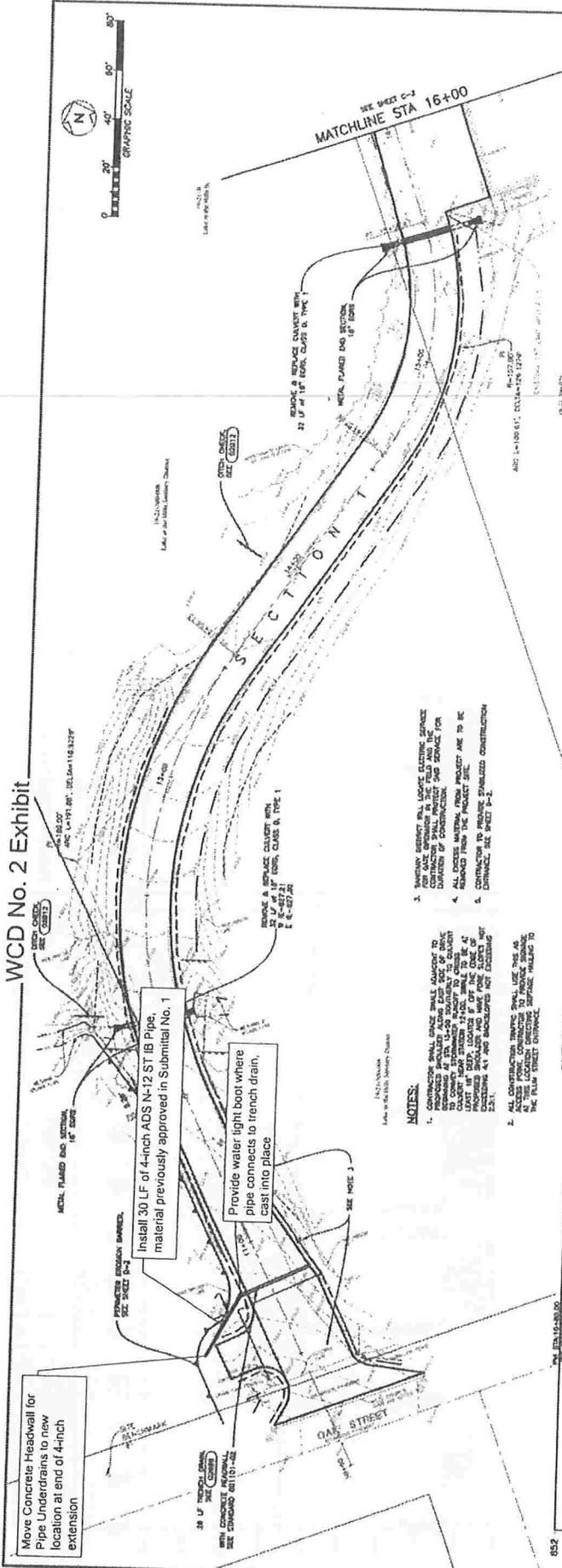
*Pipe O.D. values are provided for reference purposes only. values stated for 12 through 60-inch are ±1 inch. Contact a sales representative for exact values
 **All diameters available with or without perforations.

WCD No. 2 Exhibit

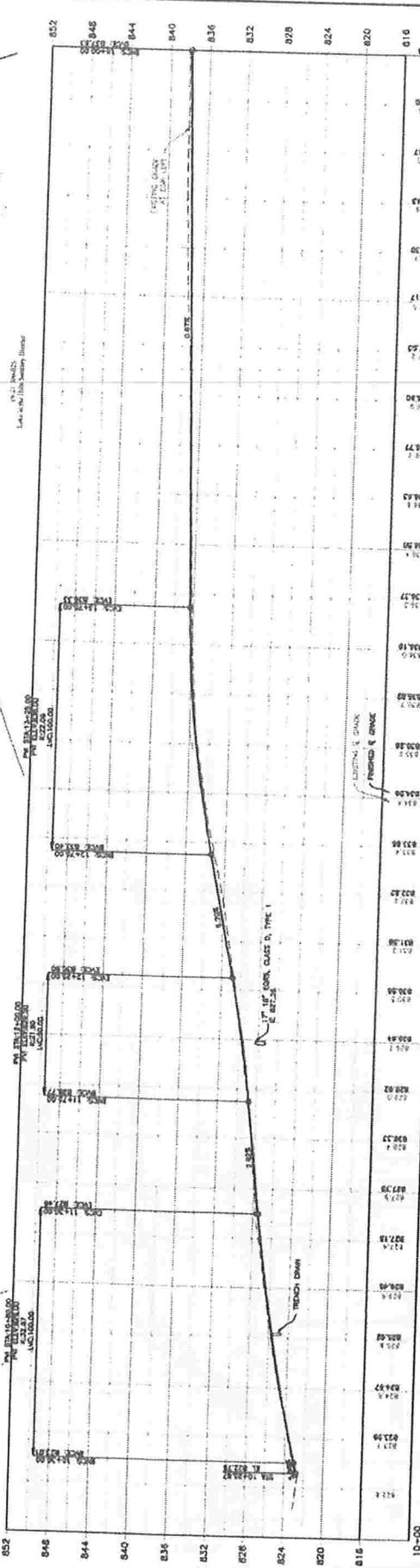
Move Concrete Headwall for Pipe Underdrains to new location at end of 4-inch extension

Install 30 LF of 4-inch ADS N-12 ST IB Pipe material previously approved in Submittal No. 1

Provide water tight boot where pipe connects to trench drain, cast into place



- NOTES:**
- CONTRACTOR SHALL VERIFY EXISTING UTILITY LOCATIONS AND DEPT. RECORDS. CONTRACTOR SHALL PROTECT AND MAINTAIN ALL UTILITIES THROUGHOUT CONSTRUCTION.
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STATION	ELEVATION	REMARKS
852	852.00	PROPOSED TRENCH DRAIN
848	848.00	PROPOSED TRENCH DRAIN
844	844.00	PROPOSED TRENCH DRAIN
840	840.00	PROPOSED TRENCH DRAIN
836	836.00	PROPOSED TRENCH DRAIN
832	832.00	PROPOSED TRENCH DRAIN
828	828.00	PROPOSED TRENCH DRAIN
824	824.00	PROPOSED TRENCH DRAIN
820	820.00	PROPOSED TRENCH DRAIN
816	816.00	PROPOSED TRENCH DRAIN

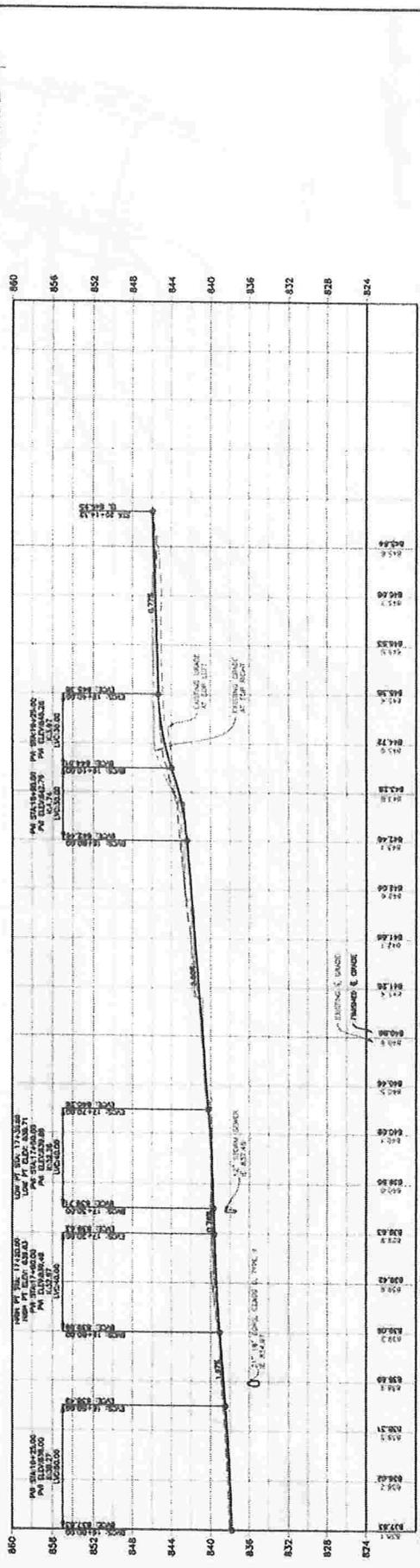
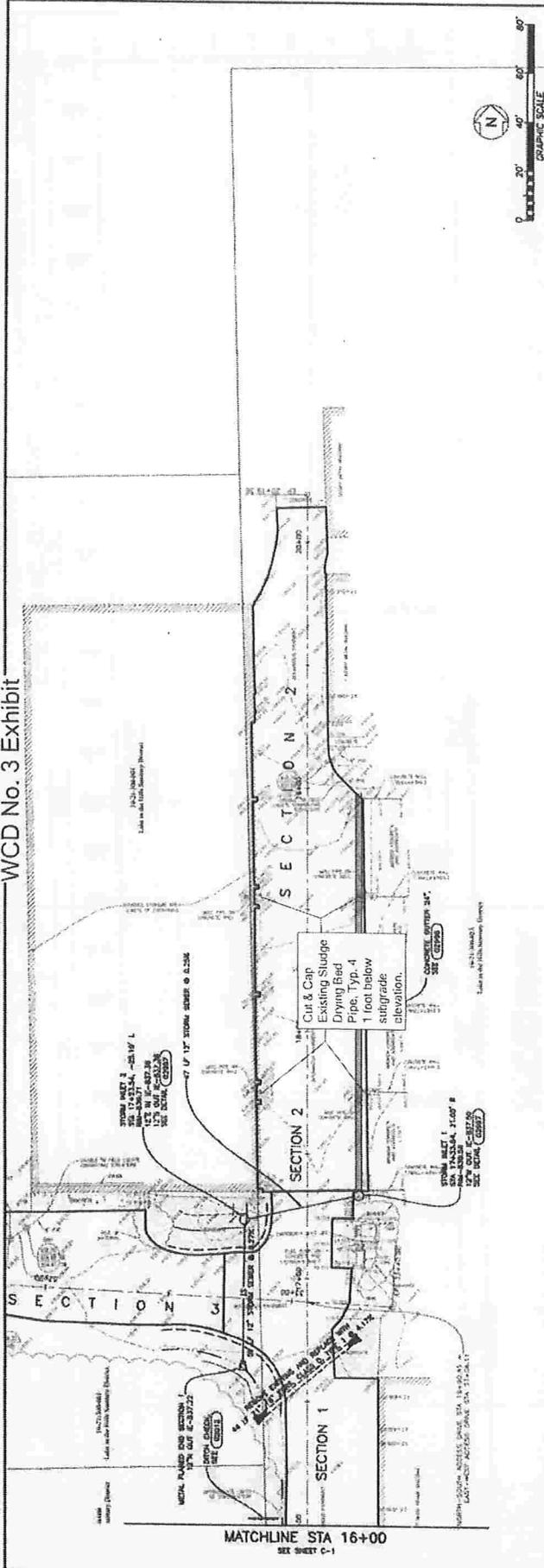
EDWARD BY: W.A.H.	DATE: 11-14-10
DRAWN BY: P.A.C.	DATE: 11-14-10
CHECKED BY: R.C.L.	DATE: 11-14-10
APPROVED BY: P.E.R.	DATE: 11-14-10

PROJECT NO. 6263	DATE: MAR 2019
PROJECT NAME: NORTH-SOUTH ACCESS DRIVE CIVIL	DATE: 11-14-10
PROJECT LOCATION: LAKE IN THE HILLS SANITARY DISTRICT REAR DRIVE ENTRANCE LAKE IN THE HILLS, ILLINOIS	DATE: 11-14-10
PROJECT TYPE: PLAN AND PROFILE	DATE: 11-14-10
PROJECT SHEET: C-1	DATE: 11-14-10



- BID SET -

WCD No. 3 Exhibit



DESIGNED BY: BEAUX DRAWN BY: P.C.G. CHECKED BY: F.C.D. APPROVED BY: P.E.K.		VERIFY SEALS UNIT OF 24" x 36" OF ORIGINAL DRAWING DATE SET BY: BLAET WCA/ETS ACCORDANCE		16+00 17+00 18+00 19+00 20+00 21+00		LAKE IN THE HILLS SANITARY DISTRICT REAR DRIVE ENTRANCE LAKE IN THE HILLS, ILLINOIS		NORTH-SOUTH ACCESS DRIVE CIVIL PLAN AND PROFILE		PROJECT NO.: 6263 DATE: MAR 2019 DRAWING NO.: C-2	
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- BID SET -

NO. DATE

REVISION

BY: **J.P.O.**

July 3, 2019

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

Re: Resubdivision of Melody Living
Final Plat

Dear Ms. Mueller and Board of Trustees:

We are in receipt of the following documents from Haeger Engineering:

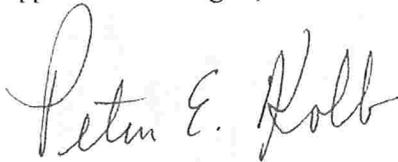
- Final Plat of Resubdivision of Melody Living, dated July 1, 2019, attached

We have reviewed the Final Plat for the Resubdivision of Melody Living, located on Harvest Gate Road, north of Algonquin Road. The property subdivision contains 2 Lots, each served by a separate sanitary sewer. Each sewer is located in a 10-foot wide easement granted to the District for the purpose of serving the property with sanitary sewer service.

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

We recommend the District approve and sign the Plat Certificate.

Sincerely,
Applied Technologies, Inc.



Peter E. Kolb, P.E.
rcd

LAKE IN THE HILLS SANITARY DISTRICT
MONTHLY TREASURER REPORT - GOVERNMENTAL FUNDS

Month of June, 2019

	BANK BAL AT BEGINNING OF PRIOR MONTH	BANK BAL AT BEGINNING OF THE CURRENT MONTH	BANK BAL AT THE BEGINNING OF THE FY	
Beginning Cash and Investments				
First National Bank	1,322,636.54	1,285,433.12	1,322,636.54	
Credit Cards	-	-	-	
TOTAL BEGINNING CASH AND INVESTMENTS	1,322,636.54	1,285,433.12	1,322,636.54	
	PRIOR MONTH	CURRENT MONTH	YTD	PROPOSED BUDGET
Revenues and Receipts				
Real Estate Taxes				
General Fund	12,576.18	132,750.51	145,326.69	240,000.00
Audit Fund	901.66	9,517.70	10,419.36	10,000.00
Chlorination Fund	734.70	7,755.23	8,489.93	15,000.00
Liability Insurance Fund	6,368.41	67,223.15	73,591.56	135,900.00
Social Security Fund	2,170.66	22,912.85	25,083.51	45,000.00
Retirement Fund	4,942.44	52,171.04	57,113.48	98,100.00
Replacement Taxes	475.05	-	475.05	-
Safety Grant Recvd from IL Public Risk Fund	-	-	-	-
Interest Income	281.06	307.11	588.17	1,000.00
TOTAL REVENUES AND RECEIPTS	28,450.16	292,637.59	321,087.75	545,000.00
Expenditures				
GENERAL FUND				
PERSONNEL SERVICES				
Salaries of Trustees, Manager, Treasurer & Clerk	14,653.22	13,919.35	28,572.57	175,000.00
CONTRACTUAL SERVICES				
Professional Engineering	4,121.00	10,528.00	14,649.00	45,000.00
Legal Services	18,289.57	-	18,289.57	36,000.00
Other Professional Services	-	-	-	5,000.00
	22,410.57	10,528.00	32,938.57	86,000.00
ADMINISTRATIVE EXPENSES				
Printing, Publications	95.32	42.30	137.62	5,000.00
Office Supplies, Equipment	-	-	-	3,000.00
Postage	270.99	-	270.99	1,000.00
Treasurer's Bond	-	-	-	4,000.00
Community Affairs	-	-	-	1,000.00
Memberships and Dues	-	-	-	4,000.00
	366.31	42.30	408.61	18,000.00
OPERATING EXPENSES				
Building and Grounds Upkeep	1,592.42	627.47	2,219.89	15,000.00
Utilities	6,182.41	721.96	6,904.37	30,000.00
J.U.L.I.E.	-	-	-	3,000.00
Training and Education	-	-	-	2,000.00
Travel Expenses	-	-	-	2,000.00
Computer Hardware, Software & Support	99.95	374.95	474.90	8,000.00
	7,874.78	1,724.38	9,599.16	60,000.00
CONTINGENT AND MISCELLANEOUS EXPENSES				
Not Otherwise Appropriated	-	-	-	1,000.00
	-	-	-	1,000.00
TOTAL GENERAL FUND	45,304.88	26,214.03	71,518.91	340,000.00

	PRIOR MONTH	CURRENT MONTH	YTD	PROPOSED BUDGET
Expenditures (continued)				
CHLORINATION FUND	-	-	-	24,000.00
	-	-	-	24,000.00
AUDIT FUND	-	-	-	20,000.00
	-	-	-	20,000.00
PUBLIC LIABILITY INSURANCE FUND				
Workers' Compensation	3,939.00	-	3,939.00	24,000.00
Property	-	-	-	45,000.00
Vehicles	-	-	-	18,000.00
General Liability	-	-	-	80,000.00
Administrative Fee	119.00	-	119.00	800.00
	4,058.00	-	4,058.00	167,800.00
SOCIAL SECURITY FUND	4,444.57	4,763.89	9,208.46	55,000.00
IMRF FUND	11,846.13	12,719.90	24,566.03	230,000.00
OTHER EXPENDITURES (RECEIPTS)	-	-	-	-
TOTAL EXPENDITURES	65,653.58	43,697.82	109,351.40	836,800.00
EXCESS OF REVENUES OVER (UNDER) EXPENDITURES	(37,203.42)	248,939.77	211,736.35	(291,800.00)
Ending Cash and Investments	BANK BAL AT END OF THE PRIOR MONTH	BANK BAL AT END OF THE CURRENT MONTH	BANK BALANCE AT THE END OF MAY	
First National Bank	1,285,433.12	1,534,372.89	1,285,433.12	
Credit Cards	-	-	-	
TOTAL ENDING CASH AND INVESTMENTS	1,285,433.12	1,534,372.89	1,285,433.12	
GENERAL CORPORATE FUND				

LAKE IN THE HILLS SANITARY DISTRICT
MONTHLY TREASURER REPORT - O&M/SEWERAGE FUNDS

Month of June, 2019

		BANK BALS AT BEGINNING OF PRIOR MONTH	BANK BALS AT BEGINNING OF THE CURRENT MONTH	BANK BALS AT THE BEGINNING OF THE FY
Beginning Cash and Investments				
First National Bank - O & M Account	O&M	554,828.09	361,425.46	554,828.09
First National Bank - Certificate Fund	Bond & Int	27,978.27	40,988.34	27,978.27
First National Bank - Depreciation Account	Construction	2,040,661.06	2,054,418.48	2,040,661.06
First National Bank - Surplus Funds	Construction	37,837.21	13,843.29	37,837.21
First National Bank - Bond & Interest Fund	Bond & Int	606,836.79	673,153.54	606,836.79
First National Bank - Sinking Funds	Bond & Int	711,620.02	726,516.75	711,620.02
Algonquin Bank & Trust - Cash Mgr	O&M	939,069.95	976,298.75	939,069.95
Algonquin Bank & Trust - Operating	O&M	1,634.00	421.00	1,634.00
Home State Bank	O&M	11,609.76	11,776.61	11,609.76
Illinois State Bank	O&M	5,016.95	5,017.16	5,016.95
Credit Cards		(145.19)	(469.35)	(145.19)
TOTAL BEGINNING CASH AND INVESTMENTS		4,936,946.91	4,863,390.03	4,936,946.91

SEWERAGE FUNDS

	PRIOR MONTH	CURRENT MONTH	YTD	PROPOSED BUDGET
Revenues and Receipts				
Sewer Bill Income/User Charges	96,254.97	37,741.86	133,996.83	3,600,000.00
Septage Income	8,425.00	40,497.32	48,922.32	200,000.00
Wastewater Discharge Income	3,622.70	3,631.52	7,254.22	45,000.00
Refunds	(1,036.35)	(624.27)	(1,660.62)	-
Connection/Tap-On Fees	5,200.00	20,800.00	26,000.00	110,000.00
Annexation Fees (inc. GIS)	-	-	-	5,000.00
Downstream & Misc Charges	-	-	-	500.00
Liftstation Recapture	-	-	-	-
Gain/Loss - Sale of Equipment	-	-	-	-
Interest Income	3,085.45	2,832.84	5,918.29	25,000.00
TOTAL REVENUES AND RECEIPTS	115,551.77	104,879.27	220,431.04	3,985,500.00

Expenditures

PERSONNEL SERVICES

District Personnel Salaries	45,125.55	48,354.14	93,479.69	604,000.00
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ADMINISTRATIVE EXPENSES

Telephone	211.94	211.94	423.88	3,000.00
Postage	567.48	3,795.15	4,362.63	20,000.00
Printing and Publications	-	-	-	2,000.00
Office Supplies	890.42	65.60	956.02	7,500.00
Collection and Billing Expenses	9,185.97	3,011.83	12,197.80	75,000.00
Professional Services	79.90	77.28	157.18	10,000.00
Training, Travel and Education	-	40.00	40.00	5,000.00
Computer Hardware, Software, and Support	17,823.85	806.35	18,630.20	70,000.00
Community Affairs	-	-	-	2,000.00
Medical and Life Insurance	22,792.92	22,074.42	44,867.34	275,000.00
	51,552.48	30,082.57	81,635.05	469,500.00

OPERATIONS AND MAINTENANCE

Operating Supplies	6,346.28	1,871.85	8,218.13	60,000.00
Maintenance and Repair (Plant)	3,676.55	6,738.55	10,415.10	150,000.00
Maintenance and Repair (Collection Systems)	14,360.86	-	14,360.86	310,000.00
Utilities and Energy	30,867.67	43,779.51	74,647.18	420,000.00
Grounds Upkeep	296.00	1,184.00	1,480.00	30,000.00
Gasoline/Oil	383.92	485.90	869.82	20,000.00
Computer and Support Services	-	-	-	2,000.00
Emergency Communications	5,889.48	5,845.38	11,734.86	65,000.00
Sludge Management	-	58.31	58.31	250,000.00
Professional Services	1,274.65	3,490.86	4,765.51	24,000.00

	PRIOR MONTH	CURRENT MONTH	YTD	PROPOSED BUDGET
Residential Reimbursement	-	-	-	10,000.00
Compliance Requirements/Permits	-	-	-	28,500.00
GIS	-	-	-	10,000.00
	<u>63,095.41</u>	<u>63,454.36</u>	<u>126,549.77</u>	<u>1,379,500.00</u>

Expenditures (continued)

CAPITAL IMPROVEMENTS

New Construction	24,006.50	31,347.50	55,354.00	2,500,000.00
Plant Equipment	-	-	-	30,000.00
Collection System	-	-	-	300,000.00
Vehicles	-	-	-	45,000.00
Legal Expense	-	-	-	5,000.00
Engineering Expense	12,500.50	32,478.50	44,979.00	375,000.00
Bond, Finance Consulting Expense	-	-	-	1,000.00
	<u>36,507.00</u>	<u>63,826.00</u>	<u>100,333.00</u>	<u>3,256,000.00</u>

BOND TRANSFERS

2008 Debt Certificates, Principal	-	-	-	110,000.00
2008 Debt Certificates, Interest	-	-	-	48,000.00
Administration Fees - 2008 Debt Certs	-	-	-	3,500.00
	<u>-</u>	<u>-</u>	<u>-</u>	<u>161,500.00</u>

Series 2014 Bond, Principal	-	-	-	110,000.00
Series 2014 Bond, Interest	-	-	-	112,000.00
Administration Fees - 2014 Series Bond	-	-	-	3,500.00
	<u>-</u>	<u>-</u>	<u>-</u>	<u>225,500.00</u>

CONTINGENT AND MISCELLANEOUS EXPENSES

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

TOTAL EXPENDITURES

196,280.44 205,717.07 401,997.51 6,099,000.00

EXCESS OF REVENUES OVER (UNDER) EXPENDITURES

(80,728.67) (100,837.80) (181,566.47) (2,113,500.00)

		BANK BALS AT END OF THE PRIOR MONTH	BANK BALS AT END OF THE CURRENT MONTH	BANK BALS AT THE END OF MAY
Ending Cash and Investments				
First National Bank - O & M Account	O&M	361,425.46	269,583.53	361,425.46
First National Bank - Certificate Fund	Bond & Int	40,988.34	54,002.67	40,988.34
First National Bank - Depreciation Account	Construction	2,054,418.48	2,076,969.62	2,054,418.48
First National Bank - Surplus Funds	Construction	13,843.29	22,504.35	13,843.29
First National Bank - Bond & Interest Fund	Bond & Int	673,153.54	679,225.92	673,153.54
First National Bank - Sinking Fund	Bond & Int	726,516.75	741,411.66	726,516.75
Algonquin Bank & Trust - Cash Mgr.	O&M	976,298.75	897,443.93	976,298.75
Algonquin Bank & Trust - Operating	O&M	421.00	158.00	421.00
Home State Bank	O&M	11,776.61	12,039.23	11,776.61
Illinois State Bank	O&M	5,017.16	5,089.35	5,017.16
Credit Cards	O&M	(469.35)	(564.93)	(469.35)

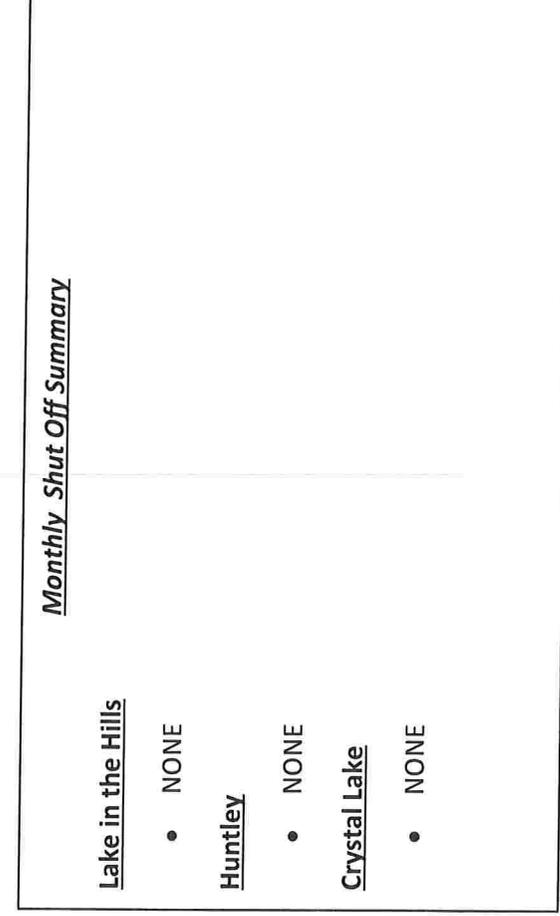
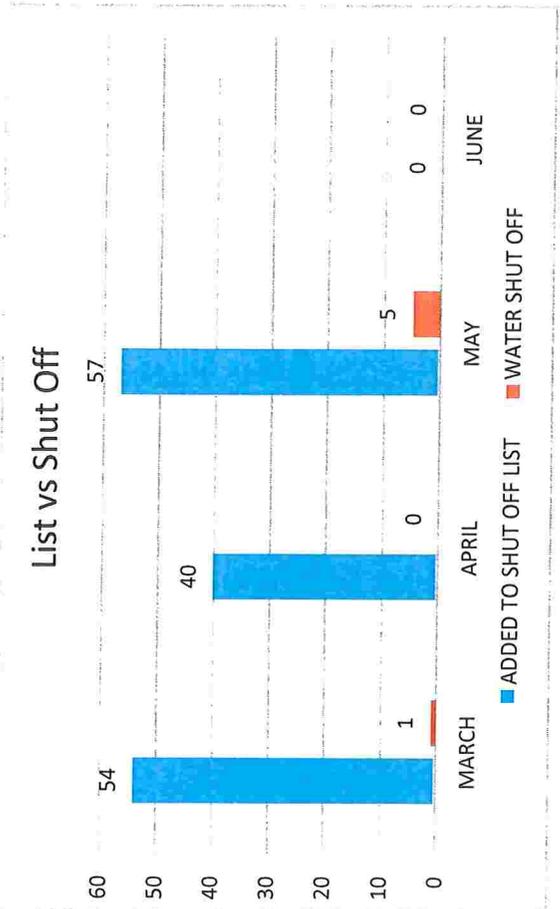
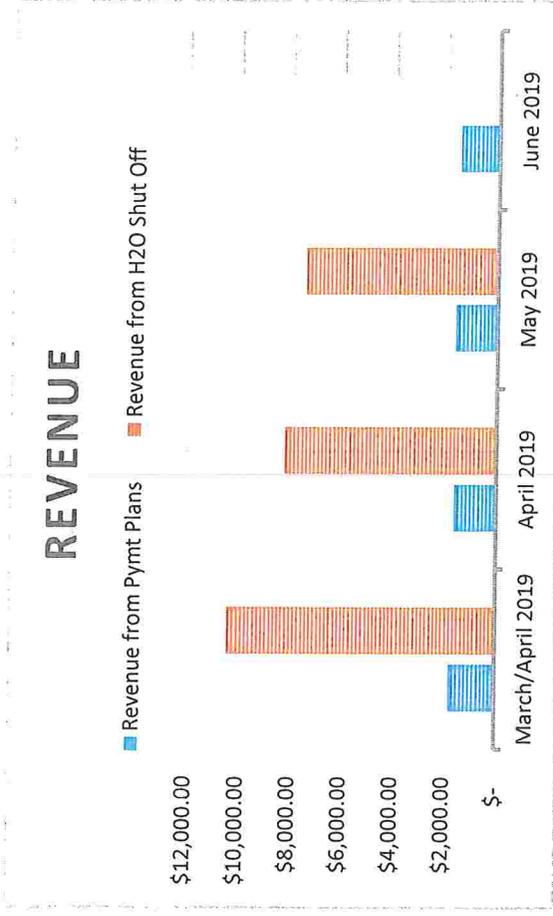
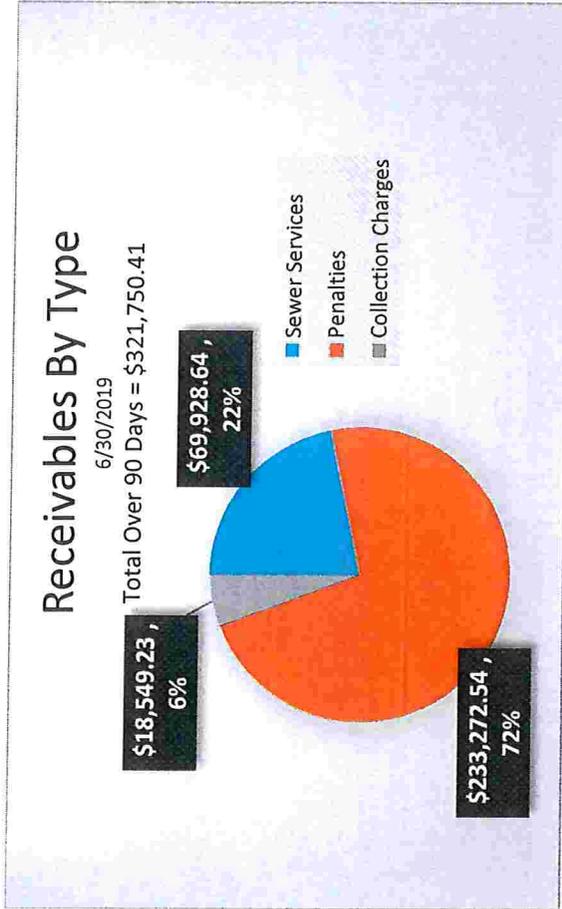
TOTAL ENDING CASH AND INVESTMENTS

4,863,390.03 4,757,863.33 4,863,390.03

SEWERAGE FUNDS

Accounts Receivable Analysis

June 2019



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

Name	Memo	Amount
General Fund		
TOTAL GEN FUND BILLS PAID BEFORE MEETING		\$ -
O & M Fund		
Ansercall 24	Emerg Comm	\$ 100.00
AT&T	Emerg Comm	\$ 414.68
Comcast	Computer Support & Telephone	\$ 401.79
Controls Consulting	Engineering - New SCADA work	\$ 7,140.00
Controls Consulting	Engineering - New SCADA work	\$ 4,200.00
Flood Brothers Disposal & Recycling	Building & Grounds - June Trash	\$ 318.00
FLSmith Krebs Inc	Maint/Repair - Plant, Grit Bldg	\$ 126.30
Marc Kresmery Construction LLC	Maint/Repair - Plant, repair to gas main	\$ 2,057.19
TOTAL O & M BILLS PAID BEFORE MEETING		\$ 14,757.96
Construction Fund		
Controls Consulting	Cap Imprvmts - New Const, SCADA Panels	\$ 9,895.00
Controls Consulting	Cap Imprvmts - New Const, SCADA Panels	\$ 6,995.00
TOTAL CONSTRUCTION BILLS PAID BEFORE MEETING		\$ 16,890.00

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

Name	Memo	Amount
General Fund		
Illinois Municipal Retirement Fund	Employer Portion of IMRF - June 2019	\$ 12,719.90
United States Treasury	District Pd Payroll Taxes (SS & Med)	\$ 4,763.89
TOTAL GENERAL FUND RECURRING BILLS		\$ 17,483.79
O & M Fund		
Humana	Health Insurance Premiums	\$ 22,074.42
Payment Services Network	Collections Expenses from May 2019	\$ 827.23
United States Postal Service	Postage - Quarterly Bills	\$ 3,784.19
TOTAL O & M RECURRING BILLS		\$ 26,685.84

Approved _____

President Hansen

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

Name	Memo	Amount
GENERAL CORP FUND BILLS		
Applied Technologies	Engineering	\$ 3,496.00
First National Bank of Omaha	Computer Support	\$ 99.95
Hawkins Inc	Chlorination - Alum Sulfate	\$ 1,445.60
Hawkins Inc	Chlorination - Alum Sulfate	\$ 1,989.00
Interstate Gas Supply, Inc.	Utilities - Nat Gas Sales May 2019	\$ 148.79
Nicor Gas	Utilities - Nat Gas 5/8-6/7/19	\$ 330.58
Pitney Bowes	Postage - Meter Rental 7/16/19-10/15/19	\$ 132.35
Shaw Suburban Media	Printing & Publications, Public Hearing for Budget	\$ 53.02
Storino Ramello & Durkin	Legal Svs - May 2019	\$ 9,647.75
Storino Ramello & Durkin	Legal Svs - June 2019	\$ 1,312.50
TruGreen	Bldg & Grounds - 6/13/19 Lawn Svs	\$ 825.59
TruGreen	Bldg & Grounds - 6/26/19 Targeted Insect Control	\$ 927.00
TOTAL GENERAL CORP FUND BILLS		\$ 20,408.13

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

Name	Memo	Amount
O & M BILLS		
Applied Technologies	Engineering - Task Order 18-02 Beach Lift Station	\$ 5,820.00
Applied Technologies	Engineering - Task Order 18-04 Richard Taylor Park Bypass	\$ 7,380.00
AT&T-Alarms	Emerg Comm - Decatur LS	\$ 209.06
AT&T-Alarms	Emerg Comm	\$ 5,195.87
Berryman Equipment Company	Maint/Repair - Plant (field svs blower #2 & belts)	\$ 1,548.00
Cintas Corporation	Supplies - Personnel, June 2019	\$ 1,179.64
Civic Systems LLC	Computer Support, Semiannual software fees	\$ 3,407.00
Civic Systems LLC	Computer Support, Travel exp for onsite training	\$ 449.74
ComEd, Inc.	Utilities - Coll Sys, Dam LS	\$ 939.36

ComEd, Inc.	Utilities - Coll Sys, Beach LS	\$	108.46
Consolidated Electrical Distributors, Inc	Maint/Repair - Coll Sys, Decatur LS	\$	22.00
Controls Consulting	Engineering - SCADA	\$	4,000.00
Controls Consulting	Engineering - SCADA	\$	6,860.00
Dynegy Energy Services	Utilities - Plant, Concord, Decatur, & Pyott LS	\$	40,021.76
Firestone	Maint/Repair - Vehicles, Crane Truck Tire	\$	262.25
First National Bank of Omaha - Visa	Pro Svs - Intuit Payroll Fees	\$	61.63
First National Bank of Omaha - Visa	Gas/Fuel, Sludge Mgt, Training Travel & Ed, M/R Plant	\$	195.39
Grainger, Inc.	Maint/Repair - Plant, Wash water pump #2	\$	3,280.34
Grainger, Inc.	Maint/Repair - Plant, Ox Ditch	\$	43.89
Grainger, Inc.	Operating Supplies - Lab	\$	47.76
Hadronex dba Smart Cover Systems	Emerg Comm (2 yr renewal 8/2019 thru 7/2021)	\$	3,570.00
Hawkins Inc	Supplies - Operations, Aqua Hawk	\$	3,892.45
Illinois EPA	Permit/Fees -NPDES Permit - July 1, 2019 to June 30, 2020	\$	17,500.00
John Caccamo - reimbursement	Medical & Life Insurance - Ded reimbursement	\$	500.00
Joseph D Foreman & Company	Maint/Repair - Plant, wash water pump	\$	142.00
Logsdon Office Supply	Office Supplies	\$	173.26
Logsdon Office Supply	Office Supplies	\$	29.60
M & A Precision Truck Repair	Maint/Repair - Vehicles, Vactor	\$	30.00
McHenry County Recorder	Collections	\$	18.50
Menards	Maint/Repair - Plant	\$	183.37
PetroChoice LLC	Gas/Fuel	\$	719.14
PetroChoice LLC	Gas/Fuel	\$	1,062.54
PetroChoice LLC	Gas/Fuel	\$	628.58
Ryco Landscaping	Grounds Upkeep, June mowing	\$	2,664.00
Sigma-Aldrich Inc	Operating Supplies - Lab	\$	54.27
Storino Ramello & Durkin	Collections Exp - May 2019	\$	618.45
Storino Ramello & Durkin	Collections Exp - June 2019	\$	622.65
Suburban Laboratories, Inc.	Pro Svs - Lab	\$	132.00
Tamara Mueller - Reimbursement	Medical & Life Insurance - Ded reimbursement	\$	500.00
Technology Masters Inc	Computer Exp - Labor to Install New Server	\$	3,213.00
The Home Depot	Maint/Repair - Plant Bldg & Grounds (S grit bldg roof sealing)	\$	335.04
Third Millennium	Collection & Billing Exp - QU Bill Rendering	\$	2,494.67
USA BlueBook	Operating Supplies	\$	136.17
USA BlueBook	Operating Supplies	\$	425.80
Verizon Wireless	Emerg Comm	\$	343.96
Warehouse Direct	Pro Svs	\$	15.53
Water One	Oper Supplies - Personnel, drinking water equip rental	\$	22.50
Ziegler Ace Hardware	Oper Supplies	\$	191.58

TOTAL O&M FUND BILLS

\$ 121,251.21

CONSTRUCTION FUND BILLS

Applied Technologies Inc	Engineering - Task Order 19-01 Rear Drive Entrance	\$	9,974.00
Controls Consulting	Cap Imprvmts - New Const SCADA Work	\$	4,975.00
Controls Consulting	Cap Imprvmts - New Const SCADA Fiber Optic Panel	\$	9,895.00

TOTAL CONSTRUCTION FUND BILLS

\$ 24,844.00

GRAND TOTAL OF ALL BILLS PRESENTED FOR APPROVAL IS \$ 242,320.93 OF WHICH \$ 37,891.92 IS FROM THE GENERAL CORPORATE FUND, \$ 162,695.01 IS FROM THE OPERATIONS AND MAINTENANCE FUND, \$ 41,734.00 IS FROM THE CONSTRUCTION FUND, AND \$ 0 IS FROM THE BOND AND INTEREST FUND.

Approved _____

President Hansen

MANAGER'S REPORT

Month of June, 2019

<u>Customers:</u>	CURRENT	TOTAL for YEAR	DATA for June 2018
	Total accounts through May 2019:	11,710	
New Customers:	0	3	3
Connections:	0	6	3
Permits Issued:	4	7	2
Permits Issued Past 13 Months:	21		
Total Permits Issued to Date:			
<i>Residential:</i>	10,080		
<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
6/1/19	1117 Patton Ave	floor drain had standing water	no
6/3/19	7 Fairhaven Ct.	basement drain clogged	no
6/19/19	109 Oakleaf Rd.	slow draining bathroom	no

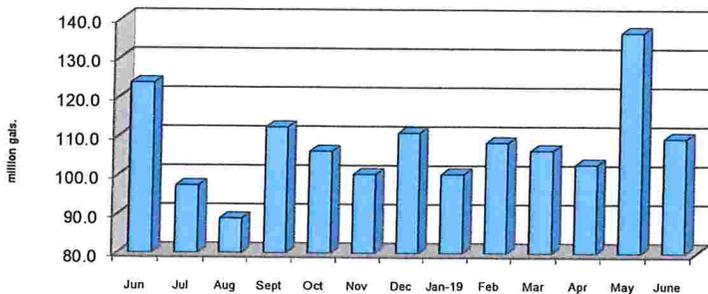
COLLECTION SYSTEM ACTIVITIES:

GIS updating is approximately 90% complete.

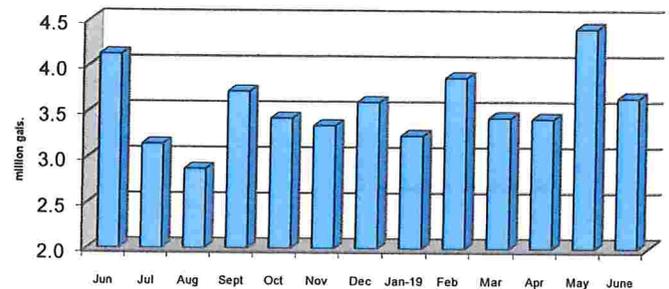
FLOWS:

Total Flow for Month:	109.473	million gallons
Average Daily Flow:	3.649	mgd
Maximum Daily Flow:	5.702	mgd
Precipitation Total:	4.13	inches
Precipitation This Month Last Year:	8.93	inches
Septage Accepted:	501,020	gallons

Total Monthly Flows



Monthly Average Daily Flows



MANAGER'S MONTHLY REPORT

June, 2019

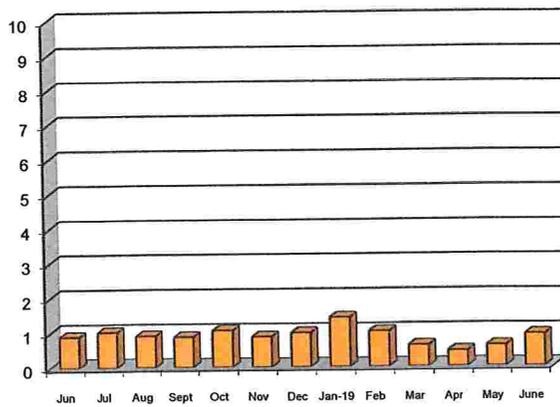
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TREATMENT PLANT OPERATIONS:

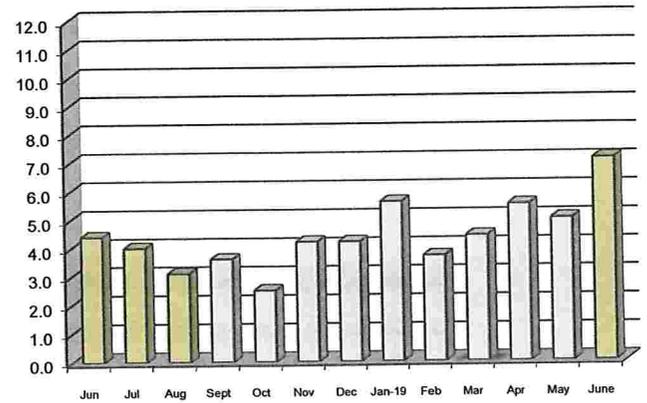
	<u>Average in</u>	<u>Average out</u>	<u>Average % reduction</u>
C.B.O.D:	178 mg/L	0.9 mg/L	99.5%
Total Suspended Solids:	329 mg/L	7.1 mg/L	97.8%
Ammonia Nitrogen:	10.4 mg/L	1.44 mg/L	86.2%
Phosphorus:		0.90 mg/L	
Fecal Coliform:		260 colonies (daily max.)	

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:	3.230 million gallons
Decanted:	0.000 million gallons
Thickened	3.016 million gallons
To Digester	0.960 million gallons
Pressed	0.431 million gallons

PERSONNEL ACTIVITIES:

Staff drained VLR for maintenance.

Respectfully submitted,

Tamara C. Mueller
Assistant District Manager