

GLENBARD WASTEWATER AUTHORITY
Executive Oversight Committee
Agenda

January 10, 2019

8:00 a.m.

Meeting will be held at the Glenbard Wastewater Plant
945 Bemis Rd, Glen Ellyn, IL

1. Call to Order
2. Roll Call
3. Pledge of Allegiance
4. Public Comment
5. Consent Agenda – The following items are considered to be routine by the Executive Oversight Committee and will be approved with a single vote in the form listed below:

Motion the EOC to approve the following items including Payroll and Vouchers for part of the months of October 2018 (partial), November 2018 totaling and December 2018 \$1,797,455.53 (Trustee Enright).

- 5.1 Executive Oversight Committee Meeting Minutes:
October 25, 2018 EOC Meeting
- 5.2 Vouchers Previously Reviewed by:
October 2018, November 2018 and December 2018 – Trustee Enright
- 5.3 Request for Authorization to Enter into Year 3 of 3 of Flow Monitoring Services Contract with RJN Group, Inc.

GWA requests waiver of bids and authorization to continue into year three of the three-year contract for Flow Monitoring Services with the RJN Group, Inc. The amount of \$122,000 shall be invoiced to Fund 270-520981 in CY2019.

- 5.4 Request for Authorization to Enter into Year 3 of 3 of Sodium Hypochlorite Supply Contract with Alexander Chemical Corporation.

GWA requests waiver of bids and authorization to continue into year three of the three-year contract for the Sodium Hypochlorite Supply Contract with Alexander Chemical Corporation at \$0.632/gallon, and shall be invoiced to Fund 270-520981 in CY2019

5.5 Request for Authorization to Enter into Year 3 of 3 of Sodium Thiosulfate Supply Contract with PVS Chemical.

GWA requests waiver of bids and authorization to continue into year three of the three-year contract for the Sodium Thiosulfate Supply Contract with PVS Chemical at \$1.72/gallon, and shall be invoiced to Fund 270-1-530440 in CY2019

5.6 Request for Authorization to Enter into Year 3 of 3 of the Janitorial Services Contract with RCC Cleaning.

GWA requests waiver of bids and authorization to continue into year three of the three-year contract for Janitorial Services with RCC Cleaning for \$12,240, and shall be invoiced to Fund 270-520971 in CY2019

5.7 Request for Authorization to Enter into Year 3 of 5 of the Lease of Atmospheric Vaporizers and Airgas Liquid Oxygen Hauling Agreement

GWA requests waiver of bids and authorization to continue into year three of the five-year contract for the leasing of atmospheric vaporizers and liquid oxygen hauling with Airgas in CY2019. Liquid Oxygen hauling will be priced at \$0.266/per 100 cubic feet with a base delivery charge of \$15,600, and invoiced to Fund 270-530443 in the CY2019 Budget. Atmospheric Vaporizers Leasing will be priced at \$1,500/month, and invoiced to Fund 40 Capital Plan in the CY2019 Budget.

5.8 Contract Laboratory Services Open Purchase Order Request

In late 2016 the Operations and Laboratory staff solicited three quotes for laboratory professional services for three-year period starting in 2017. Per Village of Glen Ellyn Purchasing Policy Section B.5., since this is a recurring/ongoing service, quotes only need to be obtained once every three years, so long as the cost remains competitive and there is no significant change to the scope of goods/services. Suburban Labs projected a cost of \$25,001.50 for a one-year period based on information provided to them from the Authority. The cost can be variable as call out work is required for the Stormwater Facility during rain events, as well as any extra sampling that might be required for our permit discharge or special condition on river sampling.

This professional service is budgeted in the CY2019 O&M budget account #270-520806 Prof. Serv. Laboratory in the amount of \$24,000. The Operations and Laboratory staff kindly requests the Executive Oversight Committee to approve an open purchase order for a not to exceed amount of \$24,000 for CY2019 as budgeted.

6. Second Amendment to Cell Phone Tower License Agreement

In 2018 TOWERCO, the owner of the cell tower located on Authority (Village of Glen Ellyn) property, approached the Authority with discussion in regards to

adding a 3rd carrier (T-Mobile) on the existing cell tower. The proposed amendment would add a 400 square foot enclosure at ground level in the existing storage area that would not have an impact on the operation of the Authority. The proposed amendment would also increase the monthly revenue to the Authority by \$1,650 per month.

Prior to the license agreement amendment going to the Village of Glen Ellyn for formal approval, EOC approval is needed since both member Villages are part of the EOC, and the revenue would benefit the Authority. Therefore, EOC approval is requested for the attached license agreement amendment with TOWERCO. No signature is needed at this time.

7. Discussion

- 7.1 High Strength Waste Standard Operating Procedure
- 7.2 Facility Improvement Project Update
- 7.3 Discussion of FPA Amendment Inquiry

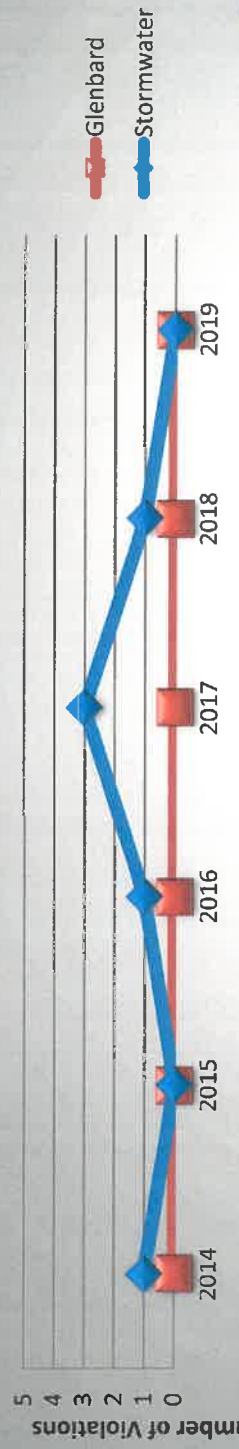
8. Other Business

- 8.1 New Personnel Introduction – Environmental Resources Coordinator
- 8.2 Technical Advisory Committee Updates
- 8.3 Pending Agenda Items
- 8.4 Executive Oversight Committee 2019 Meeting Dates

9. ***Next EOC Meeting*** – The next regularly scheduled EOC Meeting is set for ***Thursday, February 14, 2019 at 8:00 a.m. in the Conference Room at the Glenbard Wastewater Authority, 945 Bemis Road, Glen Ellyn, IL 60137.***



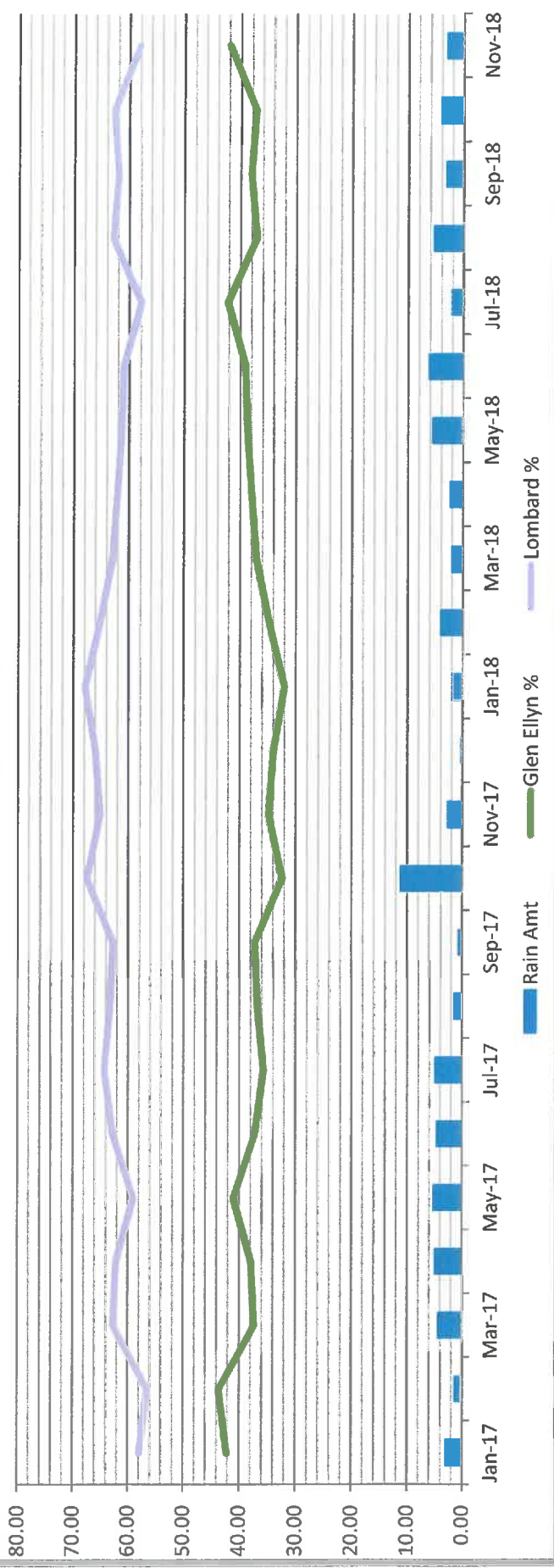
NPDES Permit Violations



Glenbard Plant: *Current Record
 2156 Days February 4, 2013 through December 31, 2018
 Previous excursion free operating record:
 1058 Days September 8, 2007 – April 10, 2010

Stormwater Facility:
 260 Days April 15, 2018 through December 31, 2018
 Current excursion free operating record:
 1140 Days July 11, 2009 through August 27, 2012

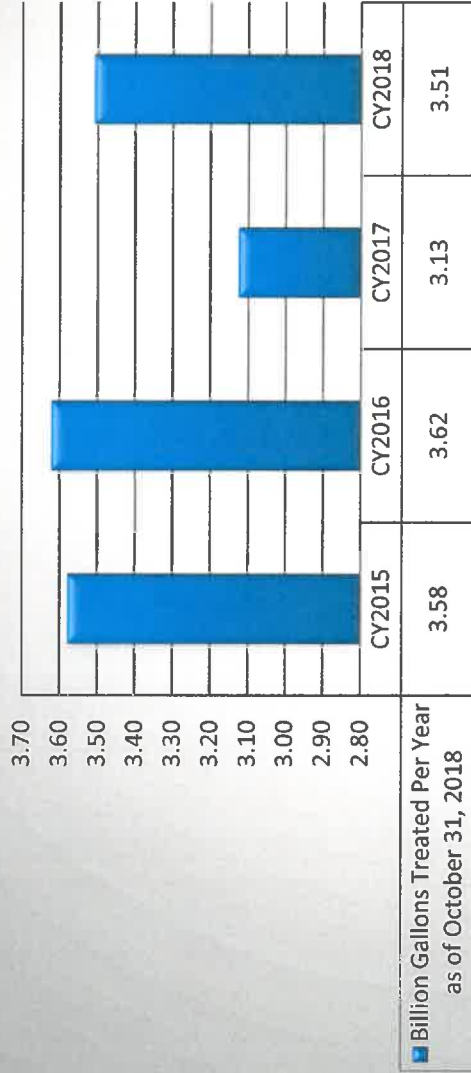
Flow Billing Comparison



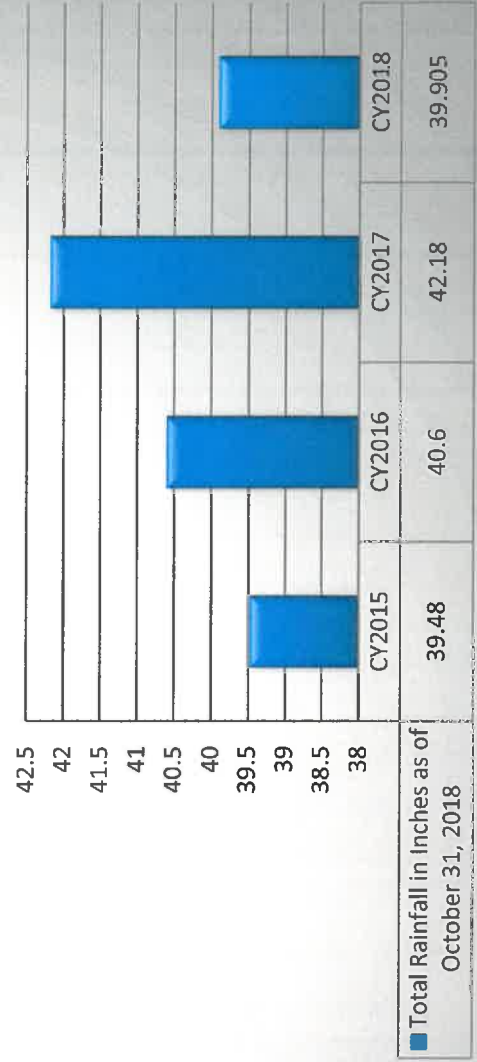
Month	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17	Jul-17	Aug-17	Sep-17	Oct-17	Nov-17	Dec-17	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18
Glen Ellyn %	37.91	56.51	62.14	59.03	62.77	64.29	64.29	63.229	62.74	67.48	65.11	65.9641	67.8625	65.1904	62.901	62.0747	61.2896	60.9583	57.8207	62.8782	61.9227	62.7321	58.1192
Lombard %	43.49	62.69	37.86	40.97	37.23	35.71	36.771	37.26	37.26	32.52	34.89	34.0359	32.1375	34.8096	37.099	37.9253	38.7104	39.0417	42.1798	37.1216	39.0773	37.2679	41.8807
Rain Amt	2.93	1.24	4.31	4.91	5.21	4.61	4.92	1.385	0.72	11.21	2.61	0.345	1.82	4.07	1.915	2.35	5.6	6.265	2.135	5.415	3.16	4.09	3.04



Billion Gallons Treated Per Year as of November 30, 2018



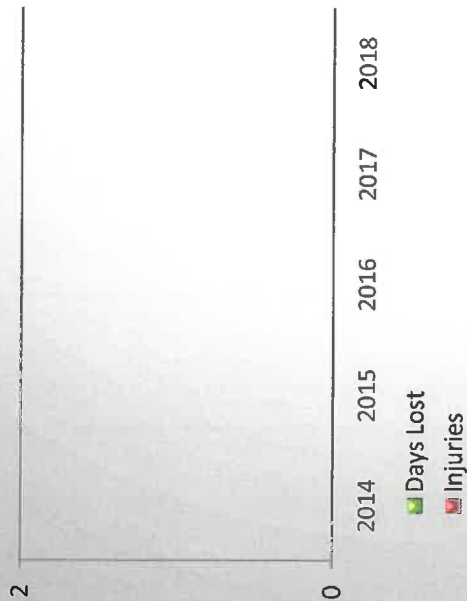
Total Rainfall in Inches as of November 30, 2018





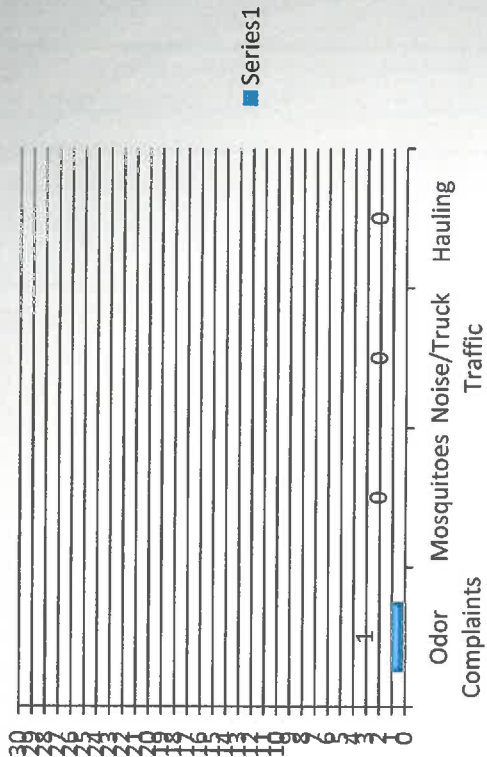
The Authority Key Performance Indicators Regarding Safety and Neighborhood Impacts

Injuries + Lost Time



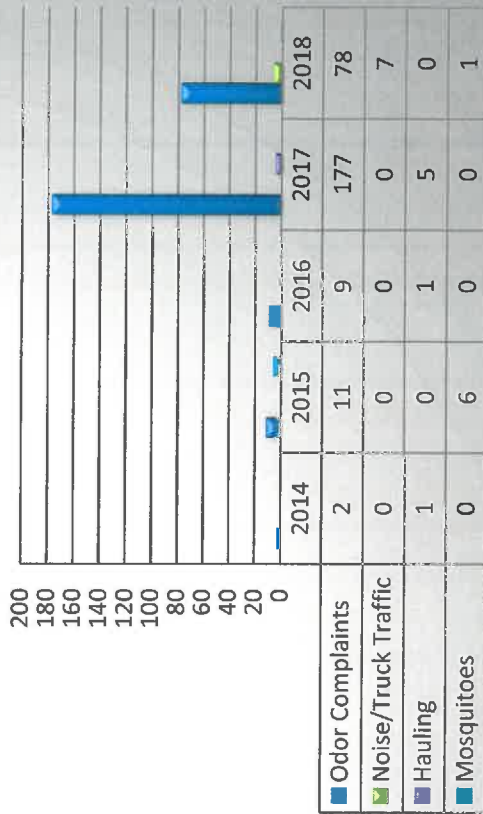
Years	2014	2015	2016	2017	2018
Injuries	0	0	0	0	0
Days Lost	0	0	0	0	0

November 2018 Complaints



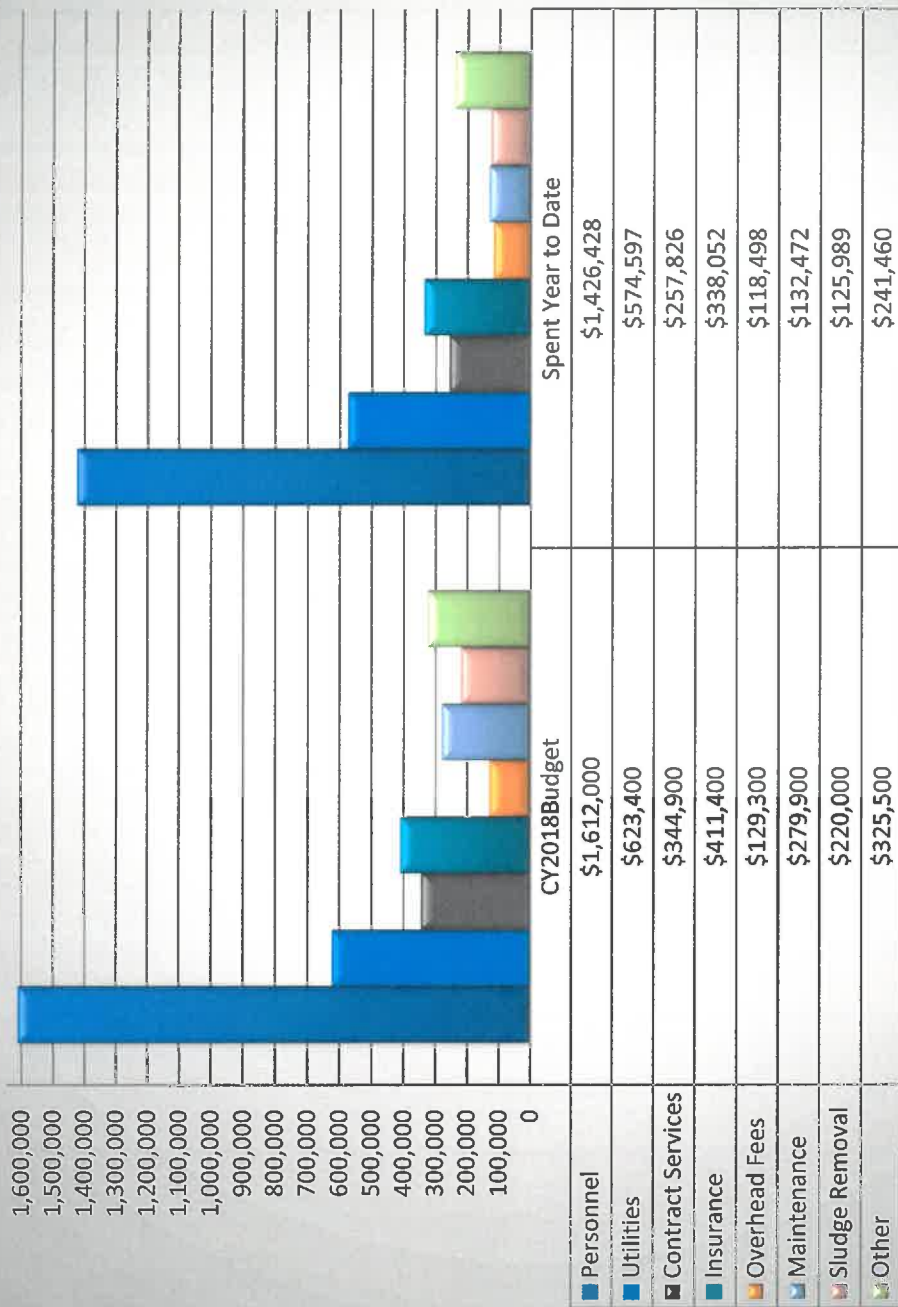
December 2018 Complaints = 0

Annual Complaint Comparison





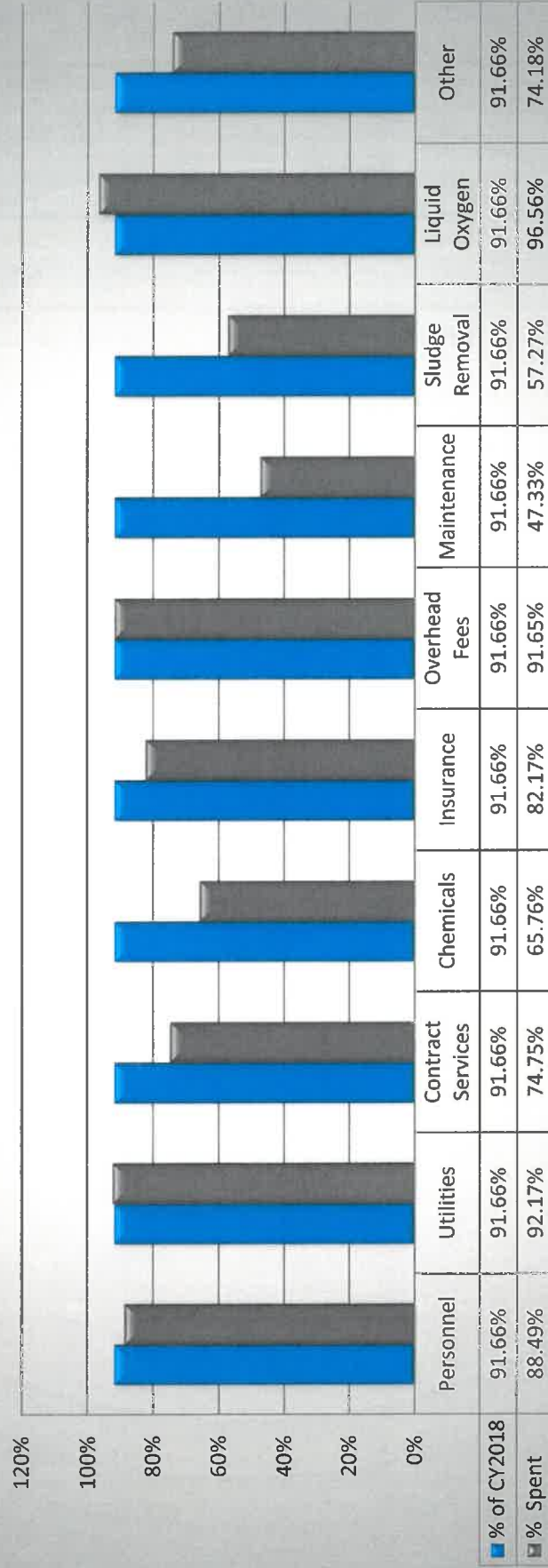
November O&M Expense \$ Reporting



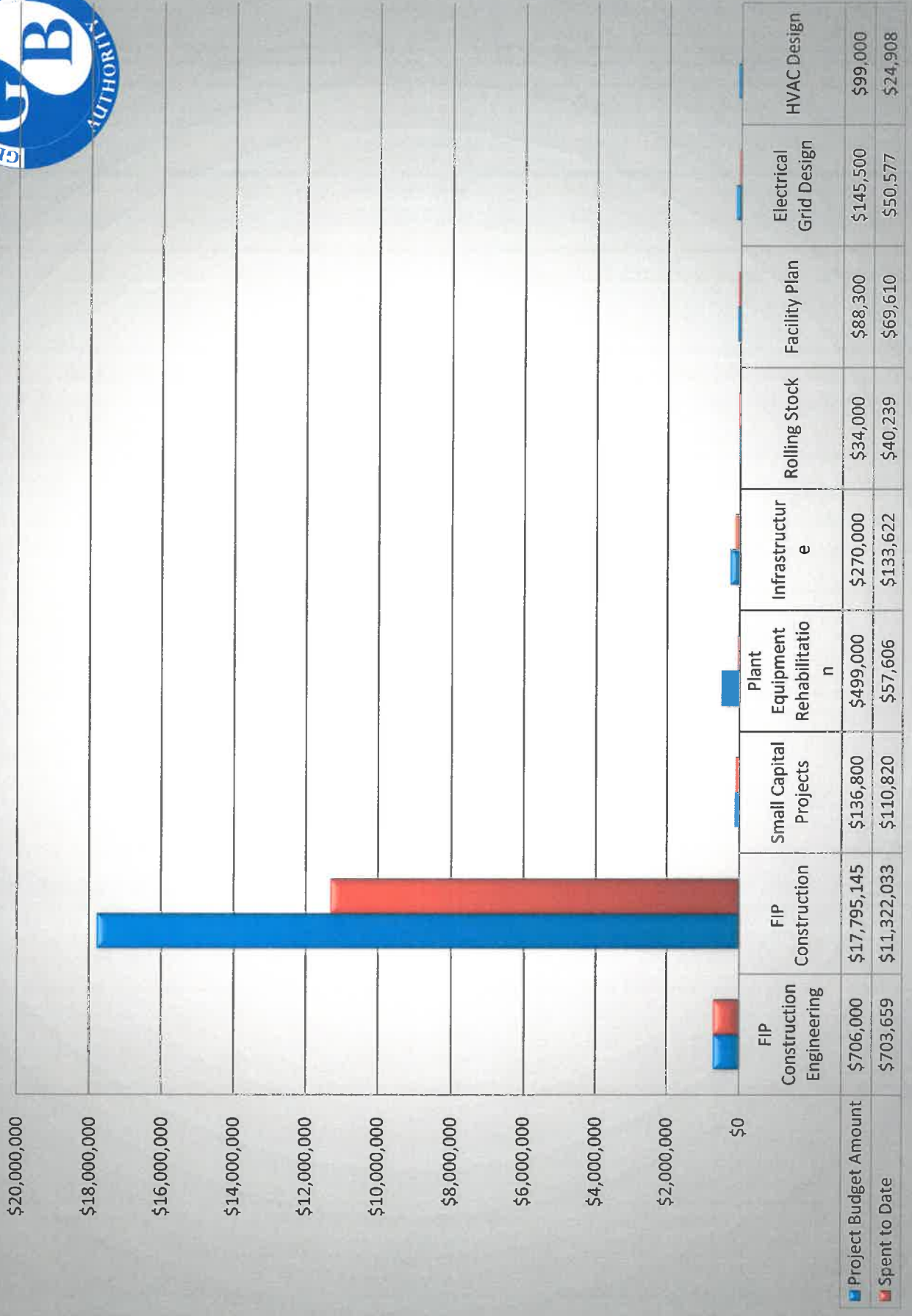
CY2018 Budget	Spent Year to Date		Contract Services		Insurance		Overhead Fees		Maintenance		Sludge Removal		Liquid Oxygen		Other		
	Budget	% of CY2018	Spent	% Spent	Spent	% Spent	Spent	% Spent	Spent	% Spent	Spent	% Spent	Spent	% Spent	Spent	% Spent	
\$1,612,000	92%	\$1,426,428	88.49%	\$344,900	74.75%	\$411,400	82.17%	\$129,300	91.65%	\$132,472	47.33%	\$220,000	57.27%	\$325,500	92%	\$241,460	74.18%
\$623,400	92%	\$574,597	92%	\$257,826	92%	\$338,052	92%	\$118,498	92%	\$132,472	92%	\$125,989	92%	\$313,834	92%	\$241,460	92%



November O&M Expense % Reporting



November/December 2018 Project Updates

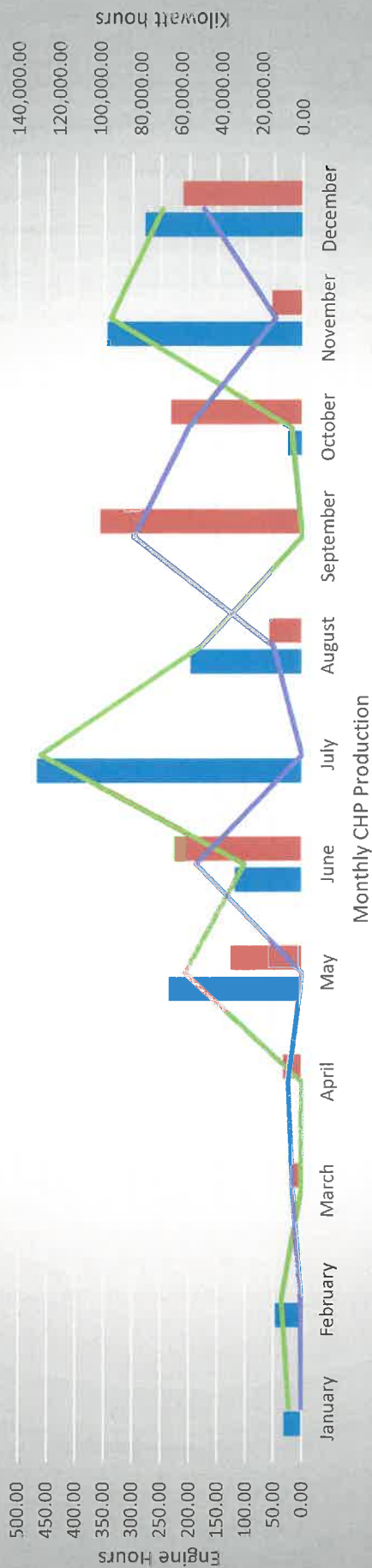


Description	Project Budget Amount	Spent to Date	October Updates
FIP Construction Engineering	\$706,000	\$703,659	Through December 15, 2018
FIP Construction	\$17,795,145	\$11,322,033	Through December 15, 2018
Small Capital Projects	\$136,800	\$110,820	Through December 15, 2018
Plant Equipment Rehabilitation	\$499,000	\$57,606	Through December 15, 2018
Infrastructure	\$270,000	\$133,622	Through December 15, 2018
Rolling Stock	\$34,000	\$40,239	Through December 31, 2018
Facility Plan	\$88,300	\$69,610	Through December 15, 2018 (\$150K budgeted)
Electrical Grid Design	\$145,500	\$50,577	Through December 15, 2018 (\$250K budgeted)
HVAC Design	\$99,000	\$24,908	Through December 15, 2018 (\$75K budgeted)



Combined Heat & Power Production Report

Road to Net Zero



	Engine #1 Hrs	Engine #2 Hrs	Engine #2 Avail Hrs	Engine #1 kWh	Engine #2 kWh	Engine #1 Avail kWh	Engine #2 Avail kWh	Engine #1 kWh	Engine #2 kWh	Engine #1 Avail kWh	Engine #2 Avail kWh	\$ Saved
January	30.80	0.00	744	6,252.00	0.00	279,000	279,000	279,000	0.00	279,000	279,000	\$641.33
February	46.40	2.20	672	10,038.00	2.20	252,000	252,000	252,000	391.00	252,000	252,000	\$1,068.33
March	1.30	22.30	744	224.00	22.30	279,000	279,000	279,000	4,632.00	279,000	279,000	\$497.33
April	0.20	32.80	720	0.00	32.80	270,000	270,000	270,000	6,854.00	270,000	270,000	\$701.33
May	234.40	125.40	744	57,834.00	125.40	279,000	279,000	279,000	125.40	279,000	279,000	\$5,993.33
June	118.70	224.40	720	28,690.00	224.40	270,000	270,000	270,000	52,309.00	270,000	270,000	\$8,293.33
July	467.80	0.00	744	129,134.00	0.00	279,000	279,000	279,000	0.00	279,000	279,000	\$1,000.00
August	197.40	57.70	744	49,870.00	57.70	279,000	279,000	279,000	14,279.00	279,000	279,000	\$6,569.33
September	0.30	356.80	720	22.00	356.80	270,000	270,000	270,000	83,156.00	270,000	270,000	\$8,518.78
October	24.90	231.50	744	5,360.00	231.50	279,000	279,000	279,000	56,369.00	279,000	279,000	\$6,322.06
November	344.60	53.40	720	94,915.00	53.40	270,000	270,000	270,000	13,345.00	270,000	270,000	\$11,087.59
December	278.30	211.20	744	69,229.00	211.20	279,000	279,000	279,000	48,794.66	279,000	279,000	\$12,087.48



Return on Investment Monetary Breakdown

Calendar Year 2017	Grant Funding DCEO/ICECF	HSW/FOG Gallons Received	HSW Tipping Fees	Elec Energy Produced @ \$0.09/kWh	Additional NG Costs; Comp	Previous Years Month	Maintenance Costs	Total + or -	Target to meet 8.8 Year Repayment Schedule	Hit + or Miss
January		270,253	\$13,512.65	\$35,121.96	(\$7,458.26)		(\$1,283.15)	\$39,893.20	\$37,078.39	2,814.81
February		319,906	\$15,995.30	\$25,186.50	(\$875.65)		(\$16,353.56)	\$23,952.59	\$37,078.39	(13,125.80)
March		306,330	\$15,316.50	\$23,849.37	(\$2,433.50)		(\$7,015.48)	\$29,716.89	\$37,078.39	(7,361.50)
April		353,953	\$17,697.65	\$32,190.75	(\$3,031.14)		(\$995.00)	\$45,862.26	\$37,078.39	8,783.87
May		471,371	\$23,568.55	\$22,998.42	(\$3,542.00)		(\$710.44)	\$42,314.53	\$37,078.39	5,236.14
June	\$129,348.00	572,038	\$28,601.90	\$30,523.32	\$0.00		(\$1,444.40)	\$57,680.82	\$37,078.39	20,602.43
July	\$388,042.50	589,748	\$29,487.40	\$27,406.26	\$0.00		(\$19,703.00)	\$37,190.66	\$37,078.39	112.27
August		479,644	\$23,982.20	\$20,794.32	\$0.00		(\$31,500.00)	\$13,276.52	\$37,078.39	(23,801.87)
September		0	\$0.00	\$7,274.88	\$0.00		(\$895.00)	\$6,379.88	\$37,078.39	(30,698.51)
October		0	\$0.00	\$7,268.13	\$0.00		(\$1,950.43)	\$5,317.70	\$37,078.39	(31,760.69)
November		0	\$0.00	\$3,630.60	\$0.00		\$0.00	\$3,630.60	\$37,078.39	(33,447.79)
December		0	\$0.00	\$1,046.97	\$0.00		(\$895.00)	\$151.97	\$37,078.39	(36,926.42)
Annual Totals		3,915,478.51	\$168,162.15	\$237,291.48	(\$17,340.55)		(\$82,745.46)	\$305,367.62		
Repayment Balance		\$305,367.62								
Annual Payback on Investment										Average \$25,521.89

Calendar Year 2018	HSW/FOG Gallons Received	HSW Tipping Fees	Elec Energy Produced @ \$0.11/kWh	Maintenance Costs	Total + or -	Target to meet 8.8 Year Repayment Schedule	Hit + or Miss
January	0	\$0.00	\$641.33	\$0.00	\$641.33	\$33,293.85	(32,652.52)
February	0	\$0.00	\$1,068.10	\$0.00	\$1,068.10	\$33,293.85	(32,225.75)
March	0	\$0.00	\$497.33	\$0.00	\$497.33	\$33,293.85	(32,796.52)
April	0	\$0.00	\$701.96	\$0.00	\$701.96	\$33,293.85	(32,591.89)
May	63,882	\$3,244.10	\$5,935.99	\$0.00	\$9,180.09	\$33,293.85	(24,113.76)
June	44,500	\$2,250.00	\$8,295.62	(\$774.09)	\$9,771.53	\$33,293.85	(23,522.32)
July	50,500	\$2,525.00	\$13,225.43	(\$1,431.64)	\$14,318.79	\$33,293.85	(18,975.06)
August	65,900	\$3,295.00	\$6,569.90	(\$232.71)	\$9,632.19	\$33,293.85	(23,661.66)
September	30,400	\$1,520.00	\$8,518.78	(\$898.81)	\$9,139.97	\$33,293.85	(24,153.88)
October	38,100	\$1,905.00	\$6,322.06	(\$652.88)	\$7,574.18	\$33,293.85	(25,719.67)
November	77,873	\$3,893.65	\$11,087.59	(\$125.00)	\$14,856.24	\$33,293.85	(18,437.61)
December	96,222	\$4,811.10	\$12,087.48	\$0.00	\$16,898.58	\$33,293.85	(16,395.27)
Annual Totals	467,377	\$23,443.85	\$74,951.58	(\$4,115.13)	\$94,280.30		
Repayment Balance		\$3,515,830.59					
Annual Payback on Investment		\$209,687.99					
Current Return on Investment							

SECTION 5.0

CONSENT AGENDA

SECTION 5.1

**MINUTES FROM THE
OCTOBER 25, 2018
MEETING**

GLENBARD WASTEWATER AUTHORITY
Executive Oversight Committee
Minutes
October 25, 2018
Meeting held at the Glenbard Wastewater Plant
945 Bemis Road, Glen Ellyn, IL

Members Present:

Keith Giagnorio	President, Village of Lombard
Diane McGinley	President, Village of Glen Ellyn
Mike Fugiel	Trustee, Village of Lombard
Bill Enright	Trustee, Village of Glen Ellyn
Scott Niehaus	Village Manager, Village of Lombard
Mark Franz	Village Manager, Village of Glen Ellyn
Carol Goldsmith	Public Works Director, Village of Lombard
Julius Hansen	Public Works Director, Village of Glen Ellyn

Others Present:

Matthew Streicher	Executive Director, GWA
Tom Romza	Assistant Director/Engineer, GWA
Rick Freeman	Electrical Superintendent, GWA
David Goodalis	Operations Superintendent, GWA
Jon Braga	Interim Maintenance Superintendent, GWA
Laurie Frieders	Environmental Resources Coordinator, GWA
Christina Coyle	Finance Director, Village of Glen Ellyn
Gayle Lendabarker	Administrative Secretary, GWA

1. Call to Order at 8:01 a.m.
2. Roll Call: President Giagnorio, President McGinley, Trustee Fugiel, Trustee Enright, Mr. Niehaus, Mr. Franz, Mr. Goldsmith and Mr. Hansen answered "Present".
3. Pledge of Allegiance
4. Public Comment
5. Consent Agenda - The following items are considered to be routine by the Executive Oversight Committee and will be approved with a single vote in the form listed below:

Motion the EOC to approve the following items including Payroll and Vouchers for the Month of September and part of October 2018 totaling \$1,419,562.68 (Trustee Enright).

Mr. Franz motioned and Mr. Niehaus seconded the MOTION that the following items on the Consent Agenda be approved. President Giagnorio, President McGinley, Trustee Fugiel, Trustee Enright, Mr. Niehaus, Mr. Franz, Mr. Goldsmith, and Mr. Hansen responded "Aye" during a roll vote. The motion carried.

- 5.1 Executive Oversight Committee Meeting Minutes:
 - o September 13, 2018 EOC Meeting
- 5.2 Vouchers previously reviewed by Trustee Enright
 - o September and partial October 2018
- 5.3 Approval New Telephone System

Authority staff are requesting EOC approval for the purchase of a new Midco Telephone system through the National Joint Purchasing Authority (NJPA). The existing telephone system at the Authority is outdated, unsupported, and in need of replacement. Authority staff recommends to award the phone replacement contract to Midco, Inc. in the amount of \$22,223.52 This has been budgeted under Fund 40-580140, Infrastructure Improvements, in the amount of \$40,000. Although comparative pricing was obtained for due diligence, competitive bidding of this item is not necessary, due to it being purchased through a joint purchasing agency. The TAC has reviewed this item and agrees with the recommendation being made.

6. CY2019 Draft Budget Review

Motion the EOC to authorize approval of the CY2019 Budget to the Full Boards of Glen Ellyn and Lombard.

Mr. Streicher reviewed the last round of changes to the proposed CY2019 budget which results in 1.1% increase in partner allocations. Trustee Enright asked why the insurance premium decreased. Ms. Coyle advised that the savings was a result of the lower number and type of claims GWA has had in the past.

Trustee Enright motioned and Trustee Fugiel seconded the motion to approve recommending the CY2019 budget to the GWA Full Board for approval. President Giagnorio, President McGinley, Trustee Fugiel, Trustee Enright, Mr. Niehaus, Mr. Franz, Mr. Goldsmith, and Mr. Hansen responded "Aye" during a roll vote. The motion carried.

7. Discussion

7.1 Facility Improvement Project

Mr. Romza advised that digging for the new raw pump lift station had finally started, which can only be done ten feet at a time as bracing needs to be installed to keep things from collapsing. Mr. Romza indicated that it would be a month to a month and half before any concrete would be poured to form the lift station.

Trustee Enright asked how wide the hole was. Mr. Romza advised as wide as the current raw building or approximately forty (40) feet. Mr. Streicher indicated the final result has the bottom of the pump station forty-seven (47) feet below ground.

Trustee Enright asked if they will encounter water. Mr. Streicher indicated they do which was one of the reasons for the change order increasing the project due to all of the pumping that will be needed.

Mr. Franz asked if winter will impact the project. Mr. Romza advised most likely not as the water is being pumped as it is encountered and the type of concrete to be used needs to be cooled to help it set properly.

Mr. Romza advised the HVAC work in the filter building is close to completion, gas lines are in and tested.

Mr. Streicher added that the last construction schedule submitted by the contractor shows their substantial completion date as February 2020, which is not the date negotiated in the one change order wherein final completion was scheduled to be November 2019 which, naturally, liquidated damages can be pursued, at least for engineering costs, if not more. Mr. Streicher advised that beginning the coming weekend, the contractor intends to start working ten-hour (10) shifts on Saturdays due to shorter days at this time of the year to try and get back on schedule. Mr. Streicher stated that with each payment application Boller is required to submit an updated construction schedule so there are no surprises.

Trustee Enright asked if the construction project was paid for via bonds. Mr. Streicher indicated that it is being financed through the State of Illinois' IEPA Revolving Loan fund at a rate of 1.75 percent (1.75%); once the project is done, GWA will begin repaying the loan over twenty (20) years.

Mr. Goldsmith asked where things stand with the IEPA inspection. Mr. Streicher indicated that the IEPA had showed up at the plant the previous month as a result of an odor complaint and had their attention drawn to the FIP project and soil erosion control measures; the inspector threatening that the project was out of compliance for needing storm water permits since GWA essentially disturbed over an acre of soil. The EPA inspector threatened to issue violations to both villages as a result of neglecting to get the stormwater permit. Mr. Streicher indicated that GWA has applied

for the necessary storm water permit and is putting together a storm water pollution prevention plan, which is a fairly complicated document/plan that the contractor has to keep up with and both GWA and Village of Lombard will be handling inspections.

Mr. Streicher indicated that the previous Friday the IEPA inspector returned to check on the odor situation so it seems that issue has dropped, but she did focus most of her attention on the soil erosion and storm water controls.

Mr. Franz asked Mr. Streicher to bring the Committee up to date on the odor complaints that had been received in September as they have been contacting Village personnel. Mr. Streicher advised that GWA had received thirty (30) odor complaints, many of them multiple complaints from a select few residents. Mr. Streicher indicated that the cause of the odor is a result of the low flow conditions due to a lack of rain fall and lack of inflow and infiltration that occurs when there is rain; these conditions gives hydrogen sulfide more time to build up in the pipes and is released in a greater concentration when the flow reaches the plant and is exposed to the air; additionally, the flow coming to the plant is warmer than the air temperature which is another contributing factor the quantity and strength of the sulfides. Mr. Streicher noted that hydrogen sulfides are highly detectable by the human nose at a level that is not detectable by sampling equipment.

Mr. Streicher indicated that many of the residents assume that the odors are a direct result of resuming the FOG deliveries; GWA's position is that the odors are not related to the intake of FOG based on the monitoring of the digester health and the implementation of the SOP for receiving the FOG. Mr. Streicher indicated that staff takes a variety of pro-active measures to try and lessen the impact of the odors, but in the end, due to the nature of the facility zero odors is not a reality.

Trustee Enright asked if rain water somehow gets mixed in with the sewer. Mr. Streicher indicated that parts of Lombard do have combined stormwater and sewer systems so that is one source, and in other areas there have inflow via resident's sump pumps and infiltrations from sewer pipes in the ground that may have cracks or joint connections that are old and failing which allow rain water into the system when the ground water level is high enough.

Mr. Franz wanted to clarify that the digester and FOG is not contributing to the current round of odors and that the current facility plan will focus on this issue in depth.

8. Other Business

- 8.1 Technical Advisory Committee
- 8.2 Pending Agenda Items
- 8.3 Full Board Meeting

November 15, 2018 at 6:00 p.m. at the Village of Lombard

Mr. Franz asked about an update on the pre-treatment ordinance. Ms. Frieders advised that the comments were received from the USEPA in the last few days and she will be compiling a report and distribute to both sides for review.

9. ***Next EOC Meeting*** – The next regularly scheduled EOC Meeting is set for ***Thursday, December 13, 2018 at 8:00 a.m. in the Conference Room at the Glenbard Wastewater Authority, 945 Bemis Road, Glen Ellyn, Illinois.***

Mr. Niehaus moved to adjourn the October 25, 2018 EOC Meeting and convene for Executive Session for the purpose of discussing the purchase of real estate property, from which the Committee will not return to regular session. Mr. Enright seconded the MOTION. President Giagnorio, President McGinley, Mr. Fugiel, Mr. Enright, Mr. Niehaus, Mr. Franz, Mr. Goldsmith, and Mr. Hansen responded “Aye” during a roll vote. The motion carried. The meeting adjourned at 8:28 a.m.

10. Executive Session – Materials to be Provided Under Separate Cover

Motion the EOC to adjourn to Executive Session for the purposes of discussing the purchase of real estate property for the use of the public body. The EOC will not be returning to open session after adjournment of the Executive Session.

Executive Session Materials to be provided under separate cover!

Submitted by:

Gayle A. Lendabarker
GWA Administrative Secretary

SECTION 5.2

VOUCHERS

OCTOBER 2018,

NOVEMBER 2018 AND

DECEMBER 2018

GLENBARD WASTEWATER AUTHORITY
APPROVAL OF VOUCHERS
 For the meeting in January 2019

EXPENDITURES:	Check Date	Paid Amount
Accounts Payable Warrant 1018-2	10/31/2018	\$87,239.02
Accounts Payable Warrant 1118-1	11/16/2018	\$88,153.77
Accounts Payable Warrant 1118-2	11/30/2018	\$976,972.28
Accounts Payable Warrant 1218-1	12/18/2018	\$546,047.50
Accounts Payable Warrant 1218-2	12/28/2018	\$99,042.96
		<u>\$1,797,455.53</u>
	Warrant Total	<u><u>\$1,797,455.53</u></u>

PAYROLL EXPENDITURES:	October 26, 2018	November 9, 2018	November 23, 2018	December 7, 2018	December 21, 2018	January 4, 2019
Net Employee Payroll Checks	\$ 35,769.26	\$ 36,410.66	\$ 36,825.98	\$ 37,068.11	\$ 37,199.62	\$ 38,787.71

Employee & Employer Payroll Deductions:

Employee Deductions*	\$18,581.51	\$18,771.02	\$18,911.23	\$18,767.73	\$19,233.15	\$19,290.65
IMRF - Employer contribution	\$5,079.69	\$5,109.39	\$5,119.60	\$5,067.35	\$5,174.52	\$3,804.62
Social Security/Medicare Tax Withheld - Employer portion	\$3,970.51	\$4,022.60	\$4,076.56	\$4,072.63	\$4,143.15	\$4,247.62
Total Payroll	\$ 63,358.99	\$ 64,313.67	\$ 64,933.37	\$ 64,975.82	\$ 65,750.44	\$ 66,130.60

GRAND TOTAL

\$ 257,581.85

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WARRANT: 1018-2

TO FISCAL 2018/12 01/01/2018 TO 12/31/2018

VENDOR NAME DOCUMENT	INV DATE VOUCHER PO	CHECK NO	T	CHK DATE	GL ACCOUNT	GL ACCOUNT DESCRIPTION	YTD PAID	
19568 INVOICE: IN00196155	10/13/18	957749	P	10/30/18	270	ELECTRONICS CONTRACTUAL	171.00	
VENDOR TOTALS	1,064.00	YTD INVOICED				1,064.00	YTD PAID	171.00
768 CINTAS FIRST AID & SAFETY 19569 INVOICE: 8403861648	10/19/18	957750	P	10/30/18	270	SAFETY RELATED EQUIPMNT/S	326.72	
VENDOR TOTALS	3,833.15	YTD INVOICED				3,833.15	YTD PAID	326.72
1248 B&W CONTROL SYSTEMS INTEGRATION LLC 19571 INVOICE: 202040	10/22/18	957751	P	10/30/18	40	INFRASTRUCTURE UPGRADES	3,923.63	
19571 INVOICE: 202040	10/22/18	957751	P	10/30/18	40	SMALL CAPITAL PROJECTS	3,741.85	
19572 INVOICE: 202041	10/22/18	957751	P	10/30/18	40	INFRASTRUCTURE UPGRADES	7,263.20	
19573 INVOICE: 202042	10/22/18	957751	P	10/30/18	40	SMALL CAPITAL PROJECTS	8,900.00	
VENDOR TOTALS	89,914.73	YTD INVOICED				89,914.73	YTD PAID	23,828.68
74 DREISILKER ELECTRIC MOTORS INC 19574 INVOICE: 1101912	10/12/18	957752	P	10/30/18	270	MAINTENANCE-ELECTRONICS	271.69	
VENDOR TOTALS	1,858.88	YTD INVOICED				1,858.88	YTD PAID	271.69
827 ELECTRICAL CONTRACTORS, INC. 19575 INVOICE: 71819	10/11/18	957753	P	10/30/18	270	ELECTRONICS CONTRACTUAL	192.00	
VENDOR TOTALS	611.00	YTD INVOICED				611.00	YTD PAID	192.00
425 FASTENAL COMPANY 19577 INVOICE: ILADD88133	10/08/18	957754	P	10/30/18	270	MAINTENANCE-EQUIPMENT	99.99	
VENDOR TOTALS	99.99	YTD INVOICED				99.99	YTD PAID	99.99
293 VILLAGE OF GLEN ELLYN 1013159 INVOICE: IFT-168	10/30/18	2416	W	10/30/18	270	OVERHEAD FEES	10,772.50	
1013159 INVOICE: IFT-168	10/30/18	2416	W	10/30/18	270	MAINTENANCE-CONTRACTUAL	3,016.67	
VENDOR TOTALS	194,365.32	YTD INVOICED				194,365.32	YTD PAID	13,789.17
828 GAYLE LENDABARKER 19583 09/05/18		957755	P	10/30/18	270	DUES-SUBSCRIPTIONS-REG FE	318.59	

VENDOR NAME DOCUMENT	INV DATE	VOUCHER	PO	CHECK NO	T	CHK DATE	GL ACCOUNT	GL ACCOUNT DESCRIPTION	927.12 YTD INVOICED	927.12 YTD PAID

VENDOR TOTALS									927.12	48.58
295 VILLAGE OF LOMBARD	10/08/18			957761	P	10/30/18	270	WATER	521203	18.80
INVOICE: 19616										
VENDOR TOTALS									29,945.36	18.80
171 MCMASTER-CARR SUPPLY CO.	10/18/18			957762	P	10/30/18	270	MAINTENANCE-EQUIPMENT	520975	647.73
INVOICE: 76660653	10/10/18			957762	P	10/30/18	270	MAINTENANCE-ELECTRONICS	520980	349.22
INVOICE: 75900366	10/22/18			957762	P	10/30/18	270-1	MAINTENANCE-EQUIPMENT	520975	192.90
INVOICE: 76918320	10/24/18			957762	P	10/30/18	270	MAINTENANCE-ELECTRONICS	520980	33.54
INVOICE: 77176157	10/23/18			957762	P	10/30/18	270	MAINTENANCE-ELECTRONICS	520980	32.94
INVOICE: 77052087										
VENDOR TOTALS									9,494.98	1,256.33
1223 CAPITAL ONE NATIONAL ASSN	10/15/18			957763	P	10/30/18	270	MAINTENANCE-EQUIPMENT	520975	97.62
INVOICE: 317528818020719										
VENDOR TOTALS									1,389.34	97.62
178 MICHAEL'S UNIFORM COMPANY, INC.	10/16/18			957764	P	10/30/18	270	UNIFORMS	530445	34.00
INVOICE: 89379	10/16/18			957764	P	10/30/18	270	UNIFORMS	530445	2,822.86
INVOICE: 89380	10/02/18			957764	P	10/30/18	270	UNIFORMS	530445	-99.00
INVOICE: 89261										
VENDOR TOTALS									4,859.27	2,757.86
1142 GENUINE PARTS CO-NAPA	09/21/18			957765	P	10/30/18	270	MAINTENANCE-EQUIPMENT	520975	5.99
INVOICE: 701-479435										
VENDOR TOTALS									244.16	5.99
199 NEUCO, INC.	10/12/18			957766	P	10/30/18	270	MAINTENANCE-ELECTRONICS	520980	335.86
INVOICE: 3281551										
VENDOR TOTALS									3,185.43	335.86

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WARRANT: 1018-2

TO FISCAL 2018/12 01/01/2018 TO 12/31/2018

VENDOR NAME DOCUMENT	INV DATE	VOUCHER	PO	CHECK NO	T	CHK DATE	GL ACCOUNT	GL ACCOUNT DESCRIPTION		
2234 NISSEN ENERGY INC 19608 INVOICE: 140	10/17/18			2426	W	10/30/18	270	520975	MAINTENANCE-EQUIPMENT	652.88
VENDOR TOTALS				1,005.38				YTD PAID		652.88
224 POLYDYNE INC 19609 INVOICE: 1287552	10/10/18			957773	P	10/31/18	270	530440	CHEMICALS	1,125.00
VENDOR TOTALS				34,340.68				YTD PAID		1,125.00
233 PVS MINIBULK, INC 19610 INVOICE: 126879	10/10/18			957774	P	10/31/18	270-1	530440	CHEMICALS	3,358.33
VENDOR TOTALS				22,648.23				YTD PAID		3,358.33
939 STAPLES CONTRACT & COMMERCIAL INC. 19611 INVOICE: 3394477381	10/22/18			957767	P	10/30/18	270	530100	OFFICE EXPENSES	90.00
VENDOR TOTALS				3,584.58				YTD PAID		90.00
464 STRAND ASSOCIATES, INC. 19612 INVOICE: 142217	10/10/18			20180012		10/30/18	40	580150	PLANT EQUIPMENT REHABILIT	1,139.03
VENDOR TOTALS				81,049.95				YTD PAID		1,139.03
1240 TWIN OAKS LANDSCAPING, INC 19614 INVOICE: MN880801-0007	10/01/18			957769	P	10/30/18	270	520971	BUILDING & GROUNDS CONTRA	2,650.00
VENDOR TOTALS				20180001		10/30/18	270-1	520970	MAINTENANCE-BUILDING & GR	835.00
VENDOR TOTALS				27,880.00				YTD PAID		3,485.00
477 UNITED PARCEL SERVICE, INC 19615 INVOICE: 9YF103428	10/20/18			957770	P	10/30/18	270	520975	MAINTENANCE-EQUIPMENT	3.81
VENDOR TOTALS				957770		10/30/18	270	530100	OFFICE EXPENSES	10.05
VENDOR TOTALS				104.75				YTD PAID		13.86
988 VERIZON WIRELESS SERVICES LLC 19617 INVOICE: 9816744907	10/18/18			957771	P	10/30/18	270	521195	TELECOMMUNICATIONS	441.25

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WARRANT: 1018-2

TO FISCAL 2018/12 01/01/2018 TO 12/31/2018

VENDOR NAME
DOCUMENT INV DATE VOUCHER PO CHECK NO T CHK DATE GL ACCOUNT GL ACCOUNT DESCRIPTION

VENDOR TOTALS 8,606.20 YTD INVOICED 8,606.20 YTD PAID 441.25

REPORT TOTALS 87,239.02

	COUNT	AMOUNT
TOTAL PRINTED CHECKS	30	69,467.06
TOTAL WIRE TRANSFERS	6	17,771.96

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WARRANT: 11118-1

TO FISCAL 2018/12 01/01/2018 TO 12/31/2018

VENDOR NAME	DOCUMENT	INV DATE	VOUCHER PO	CHECK NO	T	CHK DATE	GL ACCOUNT	GL ACCOUNT DESCRIPTION	YTD PAID
19634	INVOICE: 769502764	10/09/18		957781	P	11/16/18	270	520971	207.78
VENDOR TOTALS								2,395.72	207.78
1218 COLLEY ELEVATOR CO.									
19636	INVOICE: 177856	11/01/18		957782	P	11/16/18	270	520971	191.00
VENDOR TOTALS								4,673.00	191.00
490 COMCAST CABLE COMMUNICATIONS, LLC									
19637	INVOICE: 19637	10/25/18		957783	P	11/16/18	270	521195	202.57
VENDOR TOTALS								2,431.04	202.57
994 DIRECT ENERGY MARKETING, INC.									
19638	INVOICE: 183030036400613	10/30/18		957784	P	11/16/18	270	521201	32,470.42
19638	INVOICE: 183030036400613	10/30/18		957784	P	11/16/18	270-1	521201	1,261.23
19638	INVOICE: 183030036400613	10/30/18		957784	P	11/16/18	270-2	521201	1,136.88
19638	INVOICE: 183030036400613	10/30/18		957784	P	11/16/18	270-3	521201	509.14
VENDOR TOTALS								403,306.68	35,377.67
1290 AST CONSULTING INC.									
19639	INVOICE: 1211	11/07/18		957785	P	11/16/18	270	530225	880.00
VENDOR TOTALS								1,480.00	880.00
297 W.W. GRAINGER, INC.									
19640	INVOICE: 9953400976	11/02/18		957786	P	11/16/18	270	530225	734.04
19641	INVOICE: 9948538906	10/29/18		957786	P	11/16/18	270	520990	39.70
19642	INVOICE: 9946759843	10/26/18		957786	P	11/16/18	270	520980	45.98
VENDOR TOTALS								13,284.95	819.72
743 GROOT, INC									
19643	INVOICE: 2553428	11/01/18		957787	P	11/16/18	270	520991	274.80
VENDOR TOTALS								4,120.05	274.80

WARRANT: 1118-1

TO FISCAL 2018/12 01/01/2018 TO 12/31/2018

VENDOR NAME DOCUMENT	INV DATE	VOUCHER	PO	CHECK NO	T	CHK DATE	GL ACCOUNT	GL ACCOUNT DESCRIPTION	YTD PAID	YTD INVOICED
VENDOR TOTALS									4,859.27	4,859.27
602 MIDCO, INC. 19655 INVOICE: 330241	11/08/18		201800124	957795	P	11/16/18	40	INFRASTRUCTURE UPGRADES	580140	580140
VENDOR TOTALS									11,111.52	11,111.52
188 MOTION INDUSTRIES INC 19656 INVOICE: 1110-646885	11/02/18			957796	P	11/16/18	270	MAINTENANCE-EQUIPMENT	520975	520975
VENDOR TOTALS									1,766.52	1,766.52
1234 NISSEN ENERGY INC 19658 INVOICE: 143	11/01/18			2427	W	11/17/18	270	MAINTENANCE-EQUIPMENT	520975	520975
VENDOR TOTALS									1,005.38	1,005.38
1185 AE2S OPERATIONS, LLC 19659 INVOICE: 774	08/07/18			957797	P	11/16/18	270	ELECTRONICS CONTRACTUAL	520981	520981
VENDOR TOTALS									4,800.00	4,800.00
226 PORTER PIPE AND SUPPLY CO 19660 INVOICE: 11820850-00	11/02/18			957798	P	11/16/18	270	MAINTENANCE-EQUIPMENT	520975	520975
VENDOR TOTALS									11,234.74	11,234.74
180 RELADYNE -MID-TOWN PETROLEUM INC. 19663 INVOICE: 1161240-IN	10/29/18			957799	P	11/16/18	270	MAINTENANCE-EQUIPMENT	520975	520975
VENDOR TOTALS									6,435.60	6,435.60
939 STAPLES CONTRACT & COMMERCIAL INC. 19665 INVOICE: 3396167613 19666 INVOICE: 3396167612 19667 INVOICE: 3396167611	11/05/18			957800	P	11/16/18	270	OFFICE EXPENSES	530100	530100
VENDOR TOTALS									3,584.58	3,584.58
464 STRAND ASSOCIATES, INC. 19668	10/12/18		20180005	957801	P	11/16/18	40	ELECTRIC SVC DISTBIB SYS	580180	580180
VENDOR TOTALS									1,096.20	1,096.20

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WARRANT: 1118-1

TO FISCAL 2018/12 01/01/2018 TO 12/31/2018

VENDOR NAME DOCUMENT	INV DATE	VOUCHER	PO	CHECK NO	T	CHK DATE	GL ACCOUNT	GL ACCOUNT DESCRIPTION
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INVOICE: 142630								
VENDOR TOTALS 81,049.95 YTD INVOICED 81,049.95 YTD PAID 1,096.20								
738 SUBURBAN LABORATORIES, INC.								
19669	10/17/18			957802	P	11/16/18	270	520806 PROFESSIONAL SERVICES-LAB 370.50
	INVOICE: 159773							
19670	10/17/18			957802	P	11/16/18	270	520806 PROFESSIONAL SERVICES-LAB 370.50
	INVOICE: 159774							
19671	10/17/18			957802	P	11/16/18	270	520806 PROFESSIONAL SERVICES-LAB 370.50
	INVOICE: 159775							
19672	10/31/18			957802	P	11/16/18	270	520806 PROFESSIONAL SERVICES-LAB 510.00
	INVOICE: 160110							
19673	11/12/18			957802	P	11/16/18	270	520806 PROFESSIONAL SERVICES-LAB 629.00
	INVOICE: 160473							

VENDOR TOTALS 27,982.80 YTD INVOICED 27,982.80 YTD PAID 2,250.50								
271 TERRACE SUPPLY COMPANY								
19674	10/31/18			957803	P	11/16/18	270	520976 MAINTENANCE-CONTRACTUAL 51.46
	INVOICE: 93457							
19675	11/05/18			957803	P	11/16/18	270	520975 MAINTENANCE-EQUIPMENT 297.62
	INVOICE: 70424699							

VENDOR TOTALS 1,478.03 YTD INVOICED 1,478.03 YTD PAID 349.08								
1240 TWIN OAKS LANDSCAPING, INC								
19676	11/01/18		20180001	957804	P	11/16/18	270	520971 BUILDING & GROUNDS CONTRA 2,650.00
	INVOICE: MN880801-0008							
19676	11/01/18		20180001	957804	P	11/16/18	270-1	520970 MAINTENANCE-BUILDING & GR 835.00
	INVOICE: MN880801-0008							

VENDOR TOTALS 27,880.00 YTD INVOICED 27,880.00 YTD PAID 3,485.00								
REPORT TOTALS 88,153.77								

COUNT	AMOUNT
TOTAL PRINTED CHECKS 30	82,100.68
TOTAL WIRE TRANSFERS 2	6,053.09

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WARRANT: 1118-2

TO FISCAL 2018/12 01/01/2018 TO 12/31/2018

VENDOR NAME	INV DATE	VOUCHER	PO	CHECK NO	T	CHK DATE	GL ACCOUNT	GL ACCOUNT DESCRIPTION	YTD PAID	YTD INVOICED
19759 INVOICE:	11/05/18			2437	W	11/30/18	520625	TRAVEL	40.00	
19760 INVOICE:	11/05/18			2439	W	11/30/18	530100	OFFICE EXPENSES	-783.61	
19761 INVOICE:	11/05/18			2440	W	11/30/18	530100	OFFICE EXPENSES	86.10	
19762 INVOICE:	11/05/18			2443	W	11/30/18	520980	MAINTENANCE-ELECTRONICS	614.63	
19763 INVOICE:	11/05/18			2444	W	11/30/18	520980	MAINTENANCE-ELECTRONICS	22.19	
VENDOR TOTALS							20,087.70	YTD PAID	1,635.26	
1248 B&W CONTROL SYSTEMS INTEGRATION LLC										
19688 INVOICE:	11/16/18			957809	P	11/30/18	580120	SMALL CAPITAL PROJECTS	4,450.00	
19689 INVOICE:	11/16/18		20180011	957809	P	11/30/18	580140	INFRASTRUCTURE UPGRADES	7,782.00	
19690 INVOICE:	11/20/18						89,914.73	YTD PAID	12,232.00	
1138 CONSTELLATION ENERGY SERVICES INC										
19690 INVOICE:	11/20/18			957810	P	11/30/18	521202	NATURAL GAS	1,692.23	
19690 INVOICE:	11/20/18			957810	P	11/30/18	521202	NATURAL GAS	124.59	
19690 INVOICE:	11/20/18			957810	P	11/30/18	521204	SELF-GEN GAS	216.75	
VENDOR TOTALS							50,049.65	YTD PAID	2,033.57	
86 WESCO, A DIVISION OF WESCO DISTRIBUTION INC										
19749 INVOICE:	11/19/18			957811	P	11/30/18	520980	MAINTENANCE-ELECTRONICS	1,053.04	
19750 INVOICE:	11/16/18			957811	P	11/30/18	520980	MAINTENANCE-ELECTRONICS	2,735.38	
19751 INVOICE:	11/19/18			957811	P	11/30/18	520981	ELECTRONICS CONTRACTUAL	1,220.00	
VENDOR TOTALS							10,590.24	YTD PAID	5,008.42	
293 VILLAGE OF GLEN ELLYN										
1013160 INVOICE:	11/30/18			2430	W	11/30/18	521130	OVERHEAD FEES	10,772.50	
1013160 INVOICE:	11/30/18			2430	W	11/30/18	520976	MAINTENANCE-CONTRACTUAL	3,016.67	
19747 INVOICE:	11/01/18			957812	P	11/30/18	521203	WATER	2,640.39	
19748 INVOICE:	11/01/18			957812	P	11/30/18	521203	WATER	19.86	

WARRANT: 1118-2

TO FISCAL 2018/12 01/01/2018 TO 12/31/2018

VENDOR NAME DOCUMENT	INV DATE	VOUCHER	PO	CHECK NO	T	CHK DATE	GL ACCOUNT	GL ACCOUNT DESCRIPTION	YTD INVOICED	YTD PAID
VENDOR TOTALS									194,365.32	16,449.42
113 GODING ELECTRIC CO. 19691 INVOICE: 6052	11/14/18			957813	P	11/30/18	270	MAINTENANCE-ELECTRONICS	520980	625.00
VENDOR TOTALS									625.00	625.00
297 W.W. GRAINGER, INC. 19692 INVOICE: 9958235229 19693 INVOICE: 9006948245 19694 INVOICE: 9004058419 19695 INVOICE: 9002932292 19696 INVOICE: 9003133189	11/07/18 11/15/18 11/13/18 11/12/18 11/13/18			957814 957814 957814 957814 957814	P	11/30/18	270	MAINTENANCE-BUILDING & GR MAINTENANCE-ELECTRONICS MAINTENANCE-ELECTRONICS MAINTENANCE-BUILDING & GR MAINTENANCE-ELECTRONICS	520970 520980 520980 520970 520980	275.98 115.95 45.98 537.15 663.67
VENDOR TOTALS									13,284.95	1,638.73
116 GRAYBAR ELECTRIC COMPANY INC 19697 INVOICE: 9307240292	11/14/18			957815	P	11/30/18	270	MAINTENANCE-ELECTRONICS	520980	20.12
VENDOR TOTALS									1,271.70	20.12
119 HACH COMPANY 19699 INVOICE: 11227934	11/19/18 11/22/18			957816	P	11/30/18	270	MAINTENANCE-ELECTRONICS	520980	309.47
VENDOR TOTALS									12,004.97	309.47
985 HOLSTEINS GARAGE 19700 INVOICE: 613	10/31/18			957817	P	11/30/18	270	MAINTENANCE-CONTRACTUAL	520976	105.00
VENDOR TOTALS									542.00	105.00
124 HOME DEPOT USA, INC 19701 INVOICE: 8080153 19702 INVOICE: 1014423 19704 INVOICE: 23944 19706 INVOICE: 3061639 19707	10/17/18 10/24/18 10/25/18 11/01/18 11/08/18			957818 957818 957818 957818 957818	P	11/30/18	270	MAINTENANCE-EQUIPMENT MAINTENANCE-EQUIPMENT MAINTENANCE-EQUIPMENT MAINTENANCE-EQUIPMENT MAINTENANCE-EQUIPMENT	520975 520975 520975 520975 520980	41.88 72.79 13.66 52.24 47.32

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WARRANT: 1118-2

TO FISCAL 2018/12 01/01/2018 TO 12/31/2018

VENDOR NAME DOCUMENT	INV DATE VOUCHER PO	CHECK NO	T	CHK DATE	GL ACCOUNT	GL ACCOUNT DESCRIPTION	YTD PAID
19720 INVOICE: 79029812	11/12/18	957823	P	11/30/18	270	MAINTENANCE-EQUIPMENT	559.69
VENDOR TOTALS	9,494.98	YTD INVOICED					595.51
178 MICHAEL'S UNIFORM COMPANY, INC. 19722 INVOICE: 89718	11/20/18	957824	P	11/30/18	270	UNIFORMS	107.19
VENDOR TOTALS	4,859.27	YTD INVOICED					107.19
188 MOTION INDUSTRIES INC 19723 INVOICE: IL10-648167	11/19/18	957825	P	11/30/18	270	MAINTENANCE-EQUIPMENT	21.96
VENDOR TOTALS	1,766.52	YTD INVOICED					21.96
190 SID TOOL CO, INC 19724 INVOICE: C28388140	10/31/18	957826	P	11/30/18	270	MAINTENANCE-EQUIPMENT	477.98
VENDOR TOTALS	1,575.88	YTD INVOICED					477.98
1142 GENUINE PARTS CO-NAPA 19725 INVOICE: 701-485492	11/07/18	957827	P	11/30/18	270	MAINTENANCE-EQUIPMENT	37.98
19726 INVOICE: 701-485488	11/07/18	957827	P	11/30/18	270	MAINTENANCE-EQUIPMENT	65.97
19727 INVOICE: 701-485674	11/08/18	957827	P	11/30/18	270	MAINTENANCE-EQUIPMENT	-21.99
19728 INVOICE: 701-486914	11/19/18	957827	P	11/30/18	270	MAINTENANCE-EQUIPMENT	7.49
VENDOR TOTALS	244.16	YTD INVOICED					89.45
518 3B GROUP 19729 INVOICE: 582833SI	11/09/18	957828	P	11/30/18	270	MAINTENANCE-BUILDING & GR	777.25
VENDOR TOTALS	777.25	YTD INVOICED					777.25
209 NCL OF WISCONSIN INC 19730 INVOICE: 414601	10/31/18	957829	P	11/30/18	270	OPERATING SUPPLIES - LAB	1,011.37
19731 INVOICE: 415104	11/13/18	957829	P	11/30/18	270	OPERATING SUPPLIES - LAB	763.77
VENDOR TOTALS	7,924.10	YTD INVOICED					1,775.14
226 PORTER PIPE AND SUPPLY CO 19732	11/19/18	957830	P	11/30/18	270	MAINTENANCE-EQUIPMENT	43.07

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VENDOR NAME	DOCUMENT	INV DATE	VOUCHER	PO	CHECK NO	T	CHK DATE	GL ACCOUNT	GL ACCOUNT DESCRIPTION	YTD PAID

INVOICE: 11828356-00										
VENDOR TOTALS 11,234.74 YTD INVOICED 11,234.74 YTD PAID 43.07										
952 PROGRAM ONE PROFESSIONAL BUILDING SERVICES INC.										
19753		11/08/18			957831	P	11/30/18	270	BUILDING & GROUNDS CONTRA	210.00
INVOICE: 117410										
VENDOR TOTALS 840.00 YTD INVOICED 840.00 YTD PAID 210.00										
1226 RC CLEANING COMPANY										
19734		11/26/18			957832	P	11/30/18	270	BUILDING & GROUNDS CONTRA	1,020.00
INVOICE: 19734										
VENDOR TOTALS 12,640.00 YTD INVOICED 12,640.00 YTD PAID 1,020.00										
412 NESTLE WATERS NORTH AMERICA										
19735		11/06/18			957833	P	11/30/18	270	OFFICE EXPENSES	105.85
INVOICE: 18K8100616302										
VENDOR TOTALS 1,142.23 YTD INVOICED 1,142.23 YTD PAID 105.85										
1212 RJN GROUP, INC										
19736		11/06/18			20180002		11/30/18	270	ELECTRONICS CONTRACTUAL	10,149.00
INVOICE: 305022										
VENDOR TOTALS 148,788.00 YTD INVOICED 148,788.00 YTD PAID 10,149.00										
939 STAPLES CONTRACT & COMMERCIAL INC.										
19737		11/12/18			957835	P	11/30/18	270	OFFICE EXPENSES	323.97
INVOICE: 3396770399										
VENDOR TOTALS 3,584.58 YTD INVOICED 3,584.58 YTD PAID 323.97										
464 STRAND ASSOCIATES, INC.										
19738		11/12/18			20180012		11/30/18	40	PLANT EQUIPMENT REHABILIT	3,281.56
INVOICE: 143135										
VENDOR TOTALS 81,049.95 YTD INVOICED 81,049.95 YTD PAID 3,281.56										
738 SUBURBAN LABORATORIES, INC.										
19739		11/19/18			957837	P	11/30/18	270	PROFESSIONAL SERVICES-LAB	470.00
INVOICE: 160633										
19740		11/27/18			957837	P	11/30/18	270	PROFESSIONAL SERVICES-LAB	160.00
INVOICE: 160720										
VENDOR TOTALS 27,982.80 YTD INVOICED 27,982.80 YTD PAID 630.00										
1271 SYNAGRO-WMT										
19741		08/31/18			957838	P	11/30/18	270	SLUDGE DISPOSAL - LAND	12,236.00
INVOICE: 20-132844										

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TO FISCAL 2018/12 01/01/2018 TO 12/31/2018

VENDOR NAME	DOCUMENT	INV DATE	VOUCHER	PO	CHECK NO	T	CHK DATE	GL ACCOUNT	GL ACCOUNT DESCRIPTION	AMOUNT
19742		10/31/18			957838	P	11/30/18	270	521150	12,768.00
	INVOICE: 20-133457									
VENDOR TOTALS			88,920.00	YTD INVOICED					88,920.00	25,004.00
1282 TALLGRASS RESTORATION, LLC					957839	P	11/30/18	270-1	520970	2,450.00
	INVOICE: 2021204									
VENDOR TOTALS			3,530.00	YTD INVOICED					3,530.00	2,450.00
271 TERRACE SUPPLY COMPANY					957840	P	11/30/18	270	520975	89.42
	INVOICE: 70425818									
VENDOR TOTALS			1,478.03	YTD INVOICED					1,478.03	89.42
1001 TROTTER AND ASSOCIATES, INC.					957841	P	11/30/18	40	580180	13,610.00
	INVOICE: 15066									
VENDOR TOTALS			77,977.25	YTD INVOICED					77,977.25	13,610.00
988 VERIZON WIRELESS SERVICES LLC					957842	P	11/30/18	270	521195	226.43
	INVOICE: 9817571558									
19752		11/18/18			957842	P	11/30/18	270	521195	779.28
	INVOICE: 9818635241									
VENDOR TOTALS			8,606.20	YTD INVOICED					8,606.20	1,005.71
REPORT TOTALS										
									COUNT	AMOUNT
TOTAL PRINTED CHECKS									38	102,861.85
TOTAL WIRE TRANSFERS									16	874,110.43

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TO FISCAL 2018/12 01/01/2018 TO 12/31/2018

VENDOR NAME DOCUMENT	INV DATE	VOUCHER	PO	CHECK NO	T	CHK DATE	GL ACCOUNT	GL ACCOUNT DESCRIPTION	
881 AIRGAS, INC 19765 INVOICE: 9500499826 19766 INVOICE: 9957740768 19767 INVOICE: 9500505978	12/01/18			957843	P	12/18/18	270	LIQUID OXYGEN	9,079.72
VENDOR TOTALS									358,369.72 YTD PAID
1246 FOX MARKETING GROUP 19818 INVOICE: 28874	09/06/18			957844	P	12/18/18	270	OFFICE EXPENSES	40.00
VENDOR TOTALS									312.00 YTD PAID
859 ANALYTICAL SOLUTION, INC 19768 INVOICE: 12004734	11/23/18			957845	P	12/18/18	270	PROFESSIONAL SERVICES-LAB	560.00
VENDOR TOTALS									1,120.00 YTD PAID
24 BERLAND'S INC 19769 INVOICE: 360117	12/04/18			957846	P	12/18/18	270	MAINTENANCE-EQUIPMENT	99.96
VENDOR TOTALS									967.55 YTD PAID
1124 BLACK & VEATCH CORPORATION 19764 INVOICE: 1283748	11/20/18			2445	W	12/06/18	40	FACILITY IMPROVEMENT PROJ	15,234.25
VENDOR TOTALS									129,591.13 YTD PAID
1221 BOLLER CONSTRUCTION CO, INC 19770 INVOICE: PAYMENT 14	10/31/18			2446	W	12/18/18	40	FACILITY IMPROVEMENT PROJ	458,582.00
VENDOR TOTALS									4,993,617.41 YTD PAID
33 CALCO, LTD. 19794 INVOICE: AU45171	12/07/18			957847	P	12/18/18	270	CHEMICALS	164.00
VENDOR TOTALS									1,185.00 YTD PAID
819 UNITED COMMUNICATIONS 19817 INVOICE: 19817	12/13/18			957848	P	12/18/18	270	TELECOMMUNICATIONS	1,165.45

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VENDOR NAME	INV DATE	VOUCHER	PO	CHECK NO	T	CHK DATE	GL ACCOUNT	GL ACCOUNT DESCRIPTION	YTD PAID	YTD INVOICED
VENDOR TOTALS									13,560.19	13,560.19
47 CINTAS CORPORATION #769										
19792	12/04/18			957849	P	12/18/18	270	BUILDING & GROUNDS CONTRA	520971	520971
INVOICE: 769531453										
VENDOR TOTALS									2,395.72	2,395.72
768 CINTAS FIRST AID & SAFETY										
19820	11/16/18			957850	P	12/18/18	270	SAFETY RELATED EQUIPMT/S	530225	530225
INVOICE: 8403905014										
VENDOR TOTALS									3,833.15	3,833.15
1218 COLLEY ELEVATOR CO.										
19773	12/01/18			957851	P	12/18/18	270	BUILDING & GROUNDS CONTRA	520971	520971
INVOICE: 178997										
VENDOR TOTALS									4,673.00	4,673.00
490 COMCAST CABLE COMMUNICATIONS, LLC										
19774	11/25/18			957852	P	12/18/18	270	TELECOMMUNICATIONS	521195	521195
INVOICE: 19774										
VENDOR TOTALS									2,431.04	2,431.04
1291 DISCOUNT FENCE COMPANY, INC.										
19775	12/03/18			957853	P	12/18/18	270	MAINTENANCE-EQUIPMENT	520975	520975
INVOICE: 309455										
VENDOR TOTALS									2,185.00	2,185.00
74 DREISILKER ELECTRIC MOTORS INC										
19776	11/27/18			957854	P	12/18/18	270	MAINTENANCE-ELECTRONICS	520980	520980
INVOICE: 1106207										
19777	11/30/18			957854	P	12/18/18	270	MAINTENANCE-ELECTRONICS	520980	520980
INVOICE: 1106812										
VENDOR TOTALS									1,858.88	1,858.88
1290 AST CONSULTING INC.										
19795	12/12/18			957855	P	12/18/18	270	SAFETY RELATED EQUIPMT/S	530225	530225
INVOICE: 1220										
VENDOR TOTALS									1,480.00	1,480.00
293 VILLAGE OF GLEN ELLYN										
19813	11/30/18			957856	P	12/18/18	270	WATER	521203	521203
INVOICE: 19813										
19814	12/01/18			957856	P	12/18/18	270	WATER	521203	521203

1,165.45
214.48
214.48
312.36
312.36
191.00
191.00
202.57
202.57
2,185.00
2,185.00
104.12
164.74
268.86
600.00
600.00
2,152.82
19.86

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VENDOR NAME	INV DATE	VOUCHER PO	CHECK NO	T	CHK DATE	GL ACCOUNT	GL ACCOUNT DESCRIPTION	YTD PAID

INVOICE: 19814								
VENDOR TOTALS		194,365.32	YTD INVOICED			194,365.32	YTD PAID	2,172.68
1072 GOLDSTINE, SKRODZKI, RUSSIAN, NEMEC AND HOFF LTD.			957857	P	12/18/18	270	520700	438.60
INVOICE: 143775	12/06/18							
VENDOR TOTALS		16,819.80	YTD INVOICED			16,819.80	YTD PAID	438.60
297 W.W. GRAINGER, INC.			957858	P	12/18/18	270	520980	47.01
INVOICE: 9022405493	12/04/18							
INVOICE: 9015634182	11/27/18							
VENDOR TOTALS		13,284.95	YTD INVOICED			13,284.95	YTD PAID	1,046.01
743 GROOT, INC			957859	P	12/18/18	270	520991	334.98
INVOICE: 2659489	12/01/18							
VENDOR TOTALS		4,120.05	YTD INVOICED			4,120.05	YTD PAID	334.98
985 HOLSTEINS GARAGE			957860	P	12/18/18	270	520976	35.00
INVOICE: 656	11/30/18							
VENDOR TOTALS		542.00	YTD INVOICED			542.00	YTD PAID	35.00
185 KONICA MINOLTA BUSINESS SOLUTIONS INC			957861	P	12/18/18	270	530100	261.24
INVOICE: 9005171241	11/25/18							
VENDOR TOTALS		1,033.78	YTD INVOICED			1,033.78	YTD PAID	261.24
157 LEN'S ACE HARDWARE, INC.			957862	P	12/18/18	270	520990	83.11
INVOICE: 87572	11/30/18							
VENDOR TOTALS		927.12	YTD INVOICED			927.12	YTD PAID	83.11
171 MCMASTER-CARR SUPPLY CO.			957863	P	12/18/18	270	520980	371.99
INVOICE: 80920414	12/05/18							
INVOICE: 80800208	12/04/18							
INVOICE: 80800208	12/04/18							
INVOICE: 80800994	12/04/18							
VENDOR TOTALS		520975	YTD INVOICED			520975	YTD PAID	17.23
VENDOR TOTALS		520975	YTD INVOICED			520975	YTD PAID	15.41

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VENDOR NAME DOCUMENT	INV DATE	VOUCHER PO	CHECK NO	T	CHK DATE	GL ACCOUNT	GL ACCOUNT DESCRIPTION	YTD PAID	YTD PAID
VENDOR TOTALS		9,494.98						9,494.98	404.63
1223 CAPITAL ONE NATIONAL ASSN 19789	11/19/18		957864	P	12/18/18	270	MAINTENANCE-EQUIPMENT	520975	119.17
INVOICE: 317532318020492									
VENDOR TOTALS		1,389.34						1,389.34	119.17
1211 GMC METALS, INC. 19790	11/29/18		957865	P	12/18/18	270	MAINTENANCE-EQUIPMENT	520975	583.00
INVOICE: 1008147									
VENDOR TOTALS		785.68						785.68	583.00
190 SID TOOL CO, INC 19791	11/18/18		957866	P	12/18/18	270	MAINTENANCE-EQUIPMENT	520975	26.86
INVOICE: 36902200									
VENDOR TOTALS		1,575.88						1,575.88	26.86
209 NCL OF WISCONSIN INC 19796	11/30/18		957867	P	12/18/18	270	OPERATING SUPPLIES - LAB	530106	713.27
INVOICE: 415856									
VENDOR TOTALS		7,924.10						7,924.10	713.27
1168 NORTHERN TOOL & EQUIPMENT 19798	12/12/18		957868	P	12/18/18	270	MAINTENANCE-EQUIPMENT	520975	582.99
INVOICE: 41683782									
VENDOR TOTALS		924.07						924.07	582.99
237 RANDALL PRESSURE SYSTEMS, INC. 19797	11/30/18		957869	P	12/18/18	270	MAINTENANCE-EQUIPMENT	520975	170.06
INVOICE: 1-23174-0									
VENDOR TOTALS		3,089.63						3,089.63	170.06
1226 RC CLEANING COMPANY 19802	12/01/18		957870	P	12/18/18	270	BUILDING & GROUNDS CONTRA	520971	1,020.00
INVOICE: 19802									
VENDOR TOTALS		12,640.00						12,640.00	1,020.00
412 NESTLE WATERS NORTH AMERICA 19799	12/06/18		957871	P	12/18/18	270	OFFICE EXPENSES	530100	106.85
INVOICE: 1818100616302									
VENDOR TOTALS		1,142.23						1,142.23	106.85

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VENDOR NAME DOCUMENT	INV DATE	VOUCHER PO	CHECK NO	T	CHK DATE	GL ACCOUNT	GL ACCOUNT DESCRIPTION	
180 RELADYNE -MID-TOWN PETROLEUM INC. 19800 INVOICE: 1174943-IN	12/07/18		957872	P	12/18/18	270	520975	MAINTENANCE-EQUIPMENT
VENDOR TOTALS		6,435.60 YTD INVOICED					6,435.60 YTD PAID	471.55
1212 RJN GROUP, INC 19803 INVOICE: 305023	12/03/18	20180002	957873	P	12/18/18	270	520981	ELECTRONICS CONTRACTUAL
VENDOR TOTALS		148,788.00 YTD INVOICED					148,788.00 YTD PAID	10,149.00
939 STAPLES CONTRACT & COMMERCIAL INC. 19804 INVOICE: 3398226737	11/27/18		957874	P	12/18/18	270	530100	OFFICE EXPENSES
VENDOR TOTALS		3,584.58 YTD INVOICED					3,584.58 YTD PAID	52.92
464 STRAND ASSOCIATES, INC. 19805 INVOICE: 143605	11/14/18	20180005	957875	P	12/18/18	40	580180	18001 ELECTRIC SVC DISTIB SYS
VENDOR TOTALS		81,049.95 YTD INVOICED					81,049.95 YTD PAID	2,233.25
738 SUBURBAN LABORATORIES, INC. 19806 INVOICE: 160832	11/29/18		957876	P	12/18/18	270	520806	PROFESSIONAL SERVICES-LAB
19807 INVOICE: 160843	11/29/18		957876	P	12/18/18	270	520806	PROFESSIONAL SERVICES-LAB
19808 INVOICE: 161229	12/05/18		957876	P	12/18/18	270	520806	PROFESSIONAL SERVICES-LAB
VENDOR TOTALS		27,982.80 YTD INVOICED					27,982.80 YTD PAID	1,402.00
1271 SYNAGRO-WWT 19809 INVOICE: 20-133718	11/30/18		957877	P	12/18/18	270	521150	SLUDGE DISPOSAL - LAND
VENDOR TOTALS		88,920.00 YTD INVOICED					88,920.00 YTD PAID	12,768.00
271 TERRACE SUPPLY COMPANY 19810 INVOICE: 994437	11/30/18		957878	P	12/18/18	270	520976	MAINTENANCE-CONTRACTUAL
VENDOR TOTALS		1,478.03 YTD INVOICED					1,478.03 YTD PAID	49.80
1001 TROTTER AND ASSOCIATES, INC. 19811 INVOICE: 15148	11/30/18	20180010	957879	P	12/18/18	40	580180	18003 FACILITY PLANNING 2018
VENDOR TOTALS		15,939.25						15,939.25

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VENDOR NAME	DOCUMENT	INV DATE	VOUCHER	PO	CHECK NO	T	CHK DATE	GL ACCOUNT	GL ACCOUNT DESCRIPTION	YTD PAID
VENDOR TOTALS										77,977.25
477 UNITED PARCEL SERVICE, INC	19812	11/24/18			957880	P	12/18/18	270	OFFICE EXPENSES	530100
	INVOICE: 9YF103478									
19812		11/24/18			957880	P	12/18/18	270	MAINTENANCE-EQUIPMENT	520975
	INVOICE: 9YF103478									
VENDOR TOTALS										104.75
289 HD SUPPLY FACILITIES MAINT LTD	19815	11/29/18			957881	P	12/18/18	270	OPERATING SUPPLIES - LAB	530106
	INVOICE: 749622									
VENDOR TOTALS										3,007.28
988 VERIZON WIRELESS SERVICES LLC	19816	12/01/18			957882	P	12/18/18	270	TELECOMMUNICATIONS	521195
	INVOICE: 9819472971									
VENDOR TOTALS										8,606.20
REPORT TOTALS										
COUNT										
AMOUNT										
TOTAL PRINTED CHECKS 40 72,231.25										
TOTAL WIRE TRANSFERS 2 473,816.25										

15,939.25

16.62

4.20

20.82

69.17

69.17

229.26

229.26

546,047.50

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VENDOR NAME DOCUMENT	INV DATE	VOUCHER PO	CHECK NO	T	CHK DATE	GL ACCOUNT	GL ACCOUNT DESCRIPTION	YTD INVOICED	YTD PAID
VENDOR TOTALS									
1248 B&W CONTROL SYSTEMS INTEGRATION LLC								4,673.00	1,964.00
19827	12/13/18								
INVOICE: 203248	12/28/18	270	957889	P	12/28/18	270	ELECTRONICS CONTRACTUAL	520981	1,535.80
19828	12/13/18								
INVOICE: 203249	12/28/18	40	957889	P	12/28/18	40	SMALL CAPITAL PROJECTS	580120	1,780.00
VENDOR TOTALS									
981 CROSS RHODES REPROGRAPHICS INC.								89,914.73	3,315.80
19829	12/01/18								
INVOICE: 34665	12/28/18	270	957890	P	12/28/18	270	OFFICE EXPENSES	530100	430.44
VENDOR TOTALS									
994 DIRECT ENERGY MARKETING, INC.								1,409.28	430.44
19830	11/29/18								
INVOICE: 183330036683582	12/28/18	270	957891	P	12/28/18	270	ELECTRIC POWER	521201	39,878.02
19830	11/29/18								
INVOICE: 183330036683582	12/28/18	270-1	957891	P	12/28/18	270-1	ELECTRIC POWER	521201	1,764.91
19830	11/29/18								
INVOICE: 183330036683582	12/28/18	270-2	957891	P	12/28/18	270-2	ELECTRIC POWER	521201	1,111.33
19830	11/29/18								
INVOICE: 183330036683582	12/28/18	270-3	957891	P	12/28/18	270-3	ELECTRIC POWER	521201	546.77
VENDOR TOTALS									
86 BESCO, A DIVISION OF WESCO DISTRIBUTION INC								403,306.68	43,301.03
19856	12/13/18								
INVOICE: 505515	12/28/18	270	957892	P	12/28/18	270	MAINTENANCE-ELECTRONICS	520980	426.60
VENDOR TOTALS									
293 VILLAGE OF GLEN ELLYN								10,590.24	426.60
1013161	12/28/18								
INVOICE: IFT-170	12/27/18	270	2447	W	12/27/18	270	OVERHEAD FEES	521130	10,772.50
1013161	12/28/18								
INVOICE: IFT-170	12/27/18	270	2447	W	12/27/18	270	MAINTENANCE-CONTRACTUAL	520976	3,016.63
VENDOR TOTALS									
124 HOME DEPOT USA, INC								194,365.32	13,789.13
19831	11/29/18								
INVOICE: 5063401	12/28/18	270	957893	P	12/28/18	270	MAINTENANCE-ELECTRONICS	520980	49.52
19832	11/19/18								
INVOICE: 5084502	12/28/18	270	957893	P	12/28/18	270	MAINTENANCE-EQUIPMENT	520975	119.24
19833	12/11/18								
INVOICE: 3562073	12/28/18	270	957893	P	12/28/18	270	OPERATIONS - SUPPLIES	520990	34.87

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PAID WARRANT REPORT

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WARRANT: 1218-2

TO FISCAL 2018/12 01/01/2018 TO 12/31/2018

VENDOR NAME	DOCUMENT	INV DATE	VOUCHER	PO	CHECK NO	T	CHK DATE	GL ACCOUNT	GL ACCOUNT DESCRIPTION	YTD PAID	YTD INVOICED

VENDOR TOTALS											
										5,673.30	5,673.30
469 LAKESIDE EQUIPMENT CORPORATION											
	19834	12/11/18			957894	P	12/28/18	270	MAINTENANCE-EQUIPMENT	520975	520975
	INVOICE:	18-1883									

VENDOR TOTALS											
										987.00	987.00
157 LEN'S ACE HARDWARE, INC.											
	19835	12/04/18			957895	P	12/28/18	270	OPERATIONS - SUPPLIES	520990	520990
	INVOICE:	87638									
	19836	12/14/18			957895	P	12/28/18	270	MAINTENANCE-EQUIPMENT	520975	520975
	INVOICE:	87830									
	19838	12/14/18			957895	P	12/28/18	270	OPERATIONS - SUPPLIES	520990	520990
	INVOICE:	87831									

VENDOR TOTALS											
										927.12	927.12
295 VILLAGE OF LOMBARD											
	19854	12/10/18			957896	P	12/28/18	270	WATER	521203	521203
	INVOICE:	19854									
	19855	12/10/18			957896	P	12/28/18	270-1	WATER	521203	521203
	INVOICE:	19855									

VENDOR TOTALS											
										29,945.36	29,945.36
171 MCMASTER-CARR SUPPLY CO.											
	19839	12/12/18			957897	P	12/28/18	270	MAINTENANCE-ELECTRONICS	520980	520980
	INVOICE:	81461439									
	19840	12/12/18			957897	P	12/28/18	270	MAINTENANCE-ELECTRONICS	520980	520980
	INVOICE:	81555407									
	19841	12/18/18			957897	P	12/28/18	270	MAINTENANCE-EQUIPMENT	520975	520975
	INVOICE:	82042500									

VENDOR TOTALS											
										9,494.98	9,494.98
1223 CAPITAL ONE NATIONAL ASSN											
	19842	12/10/18			957898	P	12/28/18	270	MAINTENANCE-EQUIPMENT	520975	520975
	INVOICE:	317534418055309									
	19843	12/06/18			957898	P	12/28/18	270	MAINTENANCE-EQUIPMENT	520975	520975
	INVOICE:	317534018046946									

VENDOR TOTALS											
										1,389.34	1,389.34
190 SID TOOL CO, INC											
	19844	12/13/18			957899	P	12/28/18	270	MAINTENANCE-EQUIPMENT	520975	520975
	INVOICE:	C42143020									

VENDOR TOTALS											
										1,575.88	1,575.88

203.63

987.00

987.00

27.19

51.13

18.17

96.49

35.72

391.04

426.76

-371.99

371.97

46.57

46.55

8.08

56.34

64.42

853.61

853.61

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WARRANT: 1218-2

TO FISCAL 2018/12 01/01/2018 TO 12/31/2018

VENDOR NAME DOCUMENT	INV DATE	VOUCHER PO	CHECK NO	T	CHK DATE	GL ACCOUNT	GL ACCOUNT DESCRIPTION	
1168 NORTHERN TOOL & EQUIPMENT 19845 12/18/18 INVOICE: 41735877			957900	P	12/28/18	270 520975	MAINTENANCE-EQUIPMENT	284.49
VENDOR TOTALS		924.07 YTD INVOICED				924.07 YTD PAID		284.49
224 POLYDYNE INC 19846 12/11/18 INVOICE: 1304437			957901	P	12/28/18	270 530440	CHEMICALS	9,902.88
VENDOR TOTALS		34,340.68 YTD INVOICED				34,340.68 YTD PAID		9,902.88
464 STRAND ASSOCIATES, INC. 19848 12/12/18 INVOICE: 144458 19849 12/12/18 INVOICE: 144306		20180005 20180012	957902	P	12/28/18	40 580180 40 580150	ELECTRIC SVC DISTBIB SYS PLANT EQUIPMENT REHABILIT	4,640.41 4,818.54
VENDOR TOTALS		81,049.95 YTD INVOICED				81,049.95 YTD PAID		9,458.95
738 SUBURBAN LABORATORIES, INC. 19850 12/21/18 INVOICE: 161603			957903	P	12/28/18	270 520806	PROFESSIONAL SERVICES-LAB	160.00
VENDOR TOTALS		27,982.80 YTD INVOICED				27,982.80 YTD PAID		160.00
477 UNITED PARCEL SERVICE, INC 19851 12/15/18 INVOICE: 9YF103508-1 19851 12/15/18 INVOICE: 9YF103508-1			957904	P	12/28/18	270 530100 270 520975	OFFICE EXPENSES MAINTENANCE-EQUIPMENT	8.32 3.83
VENDOR TOTALS		104.75 YTD INVOICED				104.75 YTD PAID		12.15
289 HD SUPPLY FACILITIES MAINT LTD 19852 12/10/18 INVOICE: 758009			957905	P	12/28/18	270 530106	OPERATING SUPPLIES - LAB	259.98
VENDOR TOTALS		3,007.28 YTD INVOICED				3,007.28 YTD PAID		259.98
410 VALLEN DISTRIBUTION, INC. 19853 12/04/18 INVOICE: 17005812-00			957906	P	12/28/18	270 520980	MAINTENANCE-ELECTRONICS	303.35
VENDOR TOTALS		480.80 YTD INVOICED				480.80 YTD PAID		303.35
988 VERIZON WIRELESS SERVICES LLC 19857 12/18/18 INVOICE: 9820556307			957907	P	12/28/18	270 521195	TELECOMMUNICATIONS	463.24

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WARRANT: 1218-2

TO FISCAL 2018/12 01/01/2018 TO 12/31/2018

VENDOR NAME DOCUMENT INV DATE VOUCHER PO CHECK NO T CHK DATE GL ACCOUNT GL ACCOUNT DESCRIPTION

VENDOR TOTALS 8,606.20 YTD INVOICED 8,606.20 YTD PAID 463.24
REPORT TOTALS 99,042.96

COUNT	AMOUNT
25	84,108.81
4	14,934.15

TOTAL PRINTED CHECKS
TOTAL WIRE TRANSFERS

** END OF REPORT - Generated by Mary Romanelli **

SECTION 5.3

RENEWAL – RJN GROUP – YEAR 3 OF 3

MEMORANDUM

TO: Executive Oversight Committee

FROM: Matt Streicher P.E., BCEE

DATE: January 10, 2019

RE: Request for Waiver of Bid and Authorization
Year 3 of 3 Flow Monitoring Services



In November, 2016, the Glenbard Wastewater Authority (GWA) received proposals for flow monitoring services for the installation, operation, maintenance, monitoring, and leasing of sixteen (16) flow meters and four (4) rain gauges (lease only two [2] rain gauges) located throughout GWA's owned interceptors. The EOC approved to enter into a three-year contract with RJN Group, Inc. for flow monitoring services for the 2017-2019 period. Since GWA had not previously worked with RJN Group, language was added to the proposal that would give the Authority the ability to withdraw from the agreement after each year so that if performance measures are not being met, we can withdraw from the contract with no consequence. To date, the Authority has been very satisfied with the RJN Group, Inc., and wishes to continue with the contract. In 2018 an additional meter was added to the contract for the Glen Oak Lift Station, which increased the monthly fee by \$500 per month (\$6,000 per year).

If approved, the year 3 of 3 of the flow monitoring services contract shall be invoiced to Fund 270-520981, which has \$122,000 budgeted for CY2018. The contract amount numbers have been taken into account for future budgets as well.

Please advise and thank you.

SECTION 5.4

**RENEWAL –
ALEXANDER CHEMICAL –
SODIUM HYPOCHLORITE
SUPPLY - YEAR 3 OF 3**

MEMORANDUM

TO: Executive Oversight Committee

FROM: David Goodalis, Operations Superintendent

DATE: January 10, 2019

RE: **Request for Waiver of Bid and Authorization**
Hypochlorite Year Three of Three Contract Award Request



The Glenbard Wastewater Authority held a publicly advertised bid opening for the 3-Year Contract for Sodium Hypochlorite Supply on January 3, 2017 at 11:00 a.m. Alexander Chemical Corporation was the lowest responsive, responsible bidder. Alexander Chemical has been our Sodium Hypochlorite provider in the past prior to initiating the most recent contract, and GWA had no reason to deny them award of the new contract. The previous price the Authority was paying competitively per gallon of Sodium Hypochlorite was \$0.69 to Rowell Chemical Corp. from March 2014 until December 2016.

The bid tabulation sheet is attached for your review of the competitive bids received.

Univar USA	No Bid
Rowell Chemical Corp	\$0.725/ gallon
Alexander Chemical Corp	\$0.632/ gallon

The Operations Staff requests the EOC to waiver bidding and award Alexander Chemical Corporation year three of the 3-year Sodium Hypochlorite supply contract for a unit price of \$0.632 per gallon delivered. The cost of the Sodium Hypochlorite will be expensed to the Glenbard's Stormwater Plant O&M CY 2019 budget line item 270-1 530440.

SECTION 5.5

**RENEWAL – PVS
CHEMICAL – SODIUM
THIOSULFATE –
YEAR 3 OF 3**

MEMORANDUM

TO: Executive Oversight Committee

FROM: David Goodalis, Operations Superintendent

DATE: January 10, 2019

RE: Request for Waiver of Bid and Authorization
Sodium Thiosulfate Year Three of Three Contract Award



The Glenbard Wastewater Authority held a publicly advertised bid opening for the 3-Year Contract for Sodium Thiosulfate Supply on December 1, 2016 at 11:00 a.m. After opening the bid documents, reviewing the unit prices, and confirming that all required documentation was present, PVS Minibulk was the lowest responsive, responsible bidder. While GWA does go out to bid every three years, PVS has been our long-term Sodium Thiosulfate provider due largely in part to the delivery requirements we have mandated and based on their proven performance record, GWA had no reason to deny them award of the new contract.

The bid tabulation sheet is attached for your review of the competitive bids received.

Vendor	Price Per Gallon Quoted
Univar	No bid
PVS Minibulk	\$1.72/gallon
Rowell Chemical Corp.	No Bid
Alexander Chemical Corp	No Bid
Viking Chemical Corp	No Bid

GWA recommends the EOC to waive bidding and authorization to enter into the third year of a three-year contract to PVS Chemical, Detroit MI for the purchase and delivery of Liquid Sodium Thiosulfate at \$1.72 per gallon/delivered with the amount expensed to CY2019 O&M Budget 270-1-530440.

SECTION 5.6

**RENEWAL – RCC
CLEANING – JANITORIAL
SERVICES
YEAR 3 OF 3**

MEMORANDUM

TO: Executive Oversight Committee

FROM: Gayle Lendabarker, Administrative Assistant

DATE: January 10, 2019

RE: **Request for Waiver of Bid and Authorization**
Year 3 or 3 Janitorial Service Contract Renewal



In February 2017 GWA requested proposals for Janitorial Services based on five (5) days a week for Janitorial Services for three (3) years.

Below are the proposal results:

Contractor	5 days
RCC Cleaning	\$1020/mo
Multisystem Management Company	\$1,070/mo
Uni-Max Management. Company	\$1,300/mo
Alpha Building & Maintenance Services	\$1,321/mo
Eco-Clean Maintenance	\$1,367/mo
OpenWorks	\$1,448/mo
Jan-Pro of Northern Illinois	\$2,575/mo

RCC Cleaning presented the lowest proposal of \$1,020 per month for five day a week cleaning. The total cost of the contract is equal to \$36,720.

In March of 2017 the EOC awarded the three (3) year contract to RCC Cleaning of Mt. Prospect, Illinois for the total amount of \$36,720 over the three-year period. GWA requests waiver of bid and authorization to proceed into year 3 of 3 of the contract for the amount of \$12,240 to be invoiced to account 270-520971 during CY2019.

SECTION 5.7

**RENEWAL – AIR GAS –
VAPORIZER EQUIPMENT
LEASE AND LIQUID
OXYGEN HAULING -
YEAR 3 OF 5**

MEMORANDUM

TO: Executive Oversight Committee

FROM: Matt Streicher P.E., BCEE

DATE: January 10, 2019

RE: Request for Waiver of Bids and Authorization
Year 3 of 5 Year Lease of Atmospheric Vaporizers and Airgas Liquid Oxygen Hauling Agreement.



In October 2016, after detailed evaluation and analysis, as well as based on qualifications and price, the EOC approved to enter into a 5-year agreement with **Airgas** for the hauling of liquid oxygen at the proposed pricing structure in the below table:

Year	O2 Price Schedule (per 100 cubic feet)	Delivery Charge
1	\$0.250	\$15,600
2	\$0.258	\$15,600
3	\$0.266	\$15,600
4	\$0.274	\$15,600
5	\$0.282	\$15,600

Also in October 2016 the EOC formally approved entering into a contract with **Airgas** for the leasing of atmospheric vaporizers for the amount of **\$1,500 per month** for the 5-year proposed liquid oxygen hauling schedule. The leasing is a fixed cost per month.

Though November, 2018 \$328,521 was spent from the \$325,000 budgeted, with the estimated average of \$29,866 per month (estimated \$358,386 for entire year) delivered in CY2019. Based on that number, along with our ability to reduce the amount of oxygen usage \$345,000 was budgeted in CY2019 as a conservative amount and further trending will be monitored since this is still a relatively new process.

If approved, year 3 of 5 of the liquid oxygen hauling contract shall be invoiced to Fund 270-530443. If the leasing of the atmospheric vaporizers is approved, year 3 of 5 of that contract shall be invoiced to Fund 40 Capital Plan, which has \$20,000 budgeted for CY2019. Both numbers have been taken into account for future budgets as well.

Please advise and thank you.

SECTION 5.8

SUBURBAN LABS - CONTRACT LABORATORY SERVICES - OPEN PURCHASE ORDER REQUEST

MEMORANDUM

TO: Executive Oversight Committee
FROM: David Goodalis, Operations Superintendent
DATE: January 10, 2019
RE: Request for open Purchase Order for Contract Laboratory Services



In late 2016 the Operations and Laboratory staff solicited three quotes for laboratory professional services for three-year period starting in 2017. Per Village of Glen Ellyn Purchasing Policy Section B.5., since this is a recurring/ongoing service, quotes only need to be obtained once every three years, so long as the cost remains competitive and there is no significant change to the scope of goods/services. The quotes were solicited for CY2017 from the following three qualified laboratories.

<i>Laboratory</i>	<i>Price for One Calendar Year of Service</i>
Suburban Labs	\$25,001.50
First Environmental Labs	\$25,663.40
Teklabs	\$26,426.50

The total cost of service includes Analysis for Permit Requirements and Process Samples. Only Permit requirements are mandated to be done by a certified lab.

Suburban Labs projected a cost of \$25,001.50 for a one-year period based on information provided to them from the Authority. The cost can be variable as call out work is required for the Stormwater Facility during rain events, as well as any extra sampling that might be required for our permit discharge or special condition on river sampling.

This professional service is budgeted in the CY2019 O&M budget account #270-520806 Prof. Serv. Laboratory in the amount of \$24,000, down from the \$30,000 budgeted in CY2018, of which approximately \$21,000 was used. The Operations and Laboratory staff kindly requests the Executive Oversight Committee to approve an open purchase order for a not to exceed amount of \$24,000 for CY2019 as budgeted.

SECTION 6.0

CELL PHONE TOWER LICENSE AGREEMENT – SECOND AMENDMENT

MEMORANDUM

TO: Executive Oversight Committee

FROM: Matt Streicher P.E., BCCE

DATE: January 10, 2019

RE: **Request for Approval**
Second Amendment to License Agreement with TOWERCO



In fall of 2018 TOWERCO, the owner of the cell tower that is located on Authority (Village of Glen Ellyn) property, approached the Authority with discussion in regards to adding a 3rd carrier (T-Mobile) on the existing cell tower. After logistical impacts were reviewed by Authority staff, such as location of any new ground facilities, the Authority gave TOWERCO authorization to begin working with the Village of Glen Ellyn Community Development Department on amending language in the existing License Agreement with the Village of Glen Ellyn dated January 31, 2012. Since the Village of Glen Ellyn owns the parcel the Authority lies on, and the parcel is incorporated in the Village of Glen Ellyn, TOWERCO's agreement is held with Glen Ellyn and any applicable building permits would need to be issued by the Village. The agreement was amended once in November 2015 to add a second carrier (Verizon) at that time.

The proposed amendment would add a 400 square foot enclosure at ground level in the existing storage area that would not have an impact on the operation of the Authority. The proposed amendment would also increase the monthly revenue to the Authority by \$1,650 per month. All revenue would be paid to the Village, but then put into the Glenbard Wastewater Authority's capital fund, so that it may only be used to benefit the Authority's Capital Projects, and therefore having a positive impact on the Capital Contributions made by both Village's.

Prior to the license agreement amendment going to the Village of Glen Ellyn for formal approval, EOC approval is needed, since both member Village's are part of the EOC, and the revenue would benefit the Authority. Therefore, EOC approval is requested for the attached license agreement amendment with TOWERCO. No signature is needed at this time.

Please advise and thank you.

SECOND AMENDMENT TO LICENSE AGREEMENT

THIS SECOND AMENDMENT TO LICENSE AGREEMENT (“Second Amendment”) is entered into as of the later of the signature dates below by and between VILLAGE OF GLEN ELLYN (“Licensor”) and TOWERCO 2013 LLC, a Delaware limited liability company (“Licensee”).

RECITALS

A. Licensor and New Cingular Wireless PCS, LLC, a Delaware limited liability company (predecessor in interest to Licensee, and referred to herein as the “**Original Licensee**”), entered into that certain License Agreement dated January 31, 2012 (the “**Agreement**”), as amended by that certain First Amendment to License Agreement dated November 9, 2015 (the “**First Amendment**”), for the Licensed Premises, which is a portion of the Property located in the County of DuPage, State of Illinois, as more particularly described in the Agreement.

B. The interest of Original Licensee in the Agreement was assigned to Licensee pursuant to that certain Assignment of License Agreement, dated October 7, 2015, a copy of which has been provided to Licensor.

C. Licensee desires to enter into a sublicense with T-Mobile Central LLC, a Delaware limited liability company, or one of its affiliates, successors or assigns (“**T-Mobile**”), and Licensor consents to such sublicense, all in accordance with the terms and conditions as set forth below.

D. Licensee desires to increase the size of the Licensed Premises and Licensor agrees to grant such additional Licensed Premises space to Licensee, all in accordance with the terms and conditions as set forth below.

NOW, THEREFORE, for and in consideration of the promises and mutual covenants herein contained and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the parties hereby agree to amend the Agreement as follows:

1. ***Consent to Sublicense.*** Licensor hereby consents to Licensee entering into a sublicense with T-Mobile (as may be amended or modified, the “**T-Mobile Sublicense**”). Licensee may sublicense to additional co-locators with the prior consent and approval of Licensor which may require an amendment to the Agreement.

2. ***Licensed Premises.*** The square footage of the Licensed Premises licensed by Licensor to Licensee in Section 2(a) of the Agreement is hereby amended and increased by approximately Four Hundred (400) square feet (the “**Additional Licensed Premises**”). It is understood any references in the Agreement to the Licensed Premises shall be deemed to include the Licensed Premises as increased by the Additional Licensed Premises. The Additional Licensed Premises is depicted on **Exhibit A-3** attached hereto, which Exhibit A-3 shall replace the existing Exhibit A, A-1 and A-2 to the Agreement. Licensee shall have the right to survey the Licensed Premises, and the survey of the Licensed Premises will then become **Exhibit A-3**, which will be attached hereto and made a part hereof and will control in the event of

discrepancies with Exhibit A-2, A-1 and/or Exhibit A. Licensor agrees to promptly execute and deliver an amended Memorandum of the Agreement in recordable form containing the new legal descriptions of the Licensed Premises if so requested by Licensee.

3. ***Lien Liability.*** Licensor warrants that all work on the Licensed Premises performed by, for and on behalf of T-Mobile will be performed in a lien-free matter. If any lien of a mechanic, material supplier, or other person or entity related to the T-Mobile installation is recorded against Leased Premises, Licensor shall immediately cause it to be released and removed of record, and shall, if requested by Licensor, secure a title insurance policy sufficient to provide Licensor protection from such lien.

4. ***License Fee Increase.*** The License Fee shall be increased by the sum of One Thousand Six Hundred Fifty and No/100 Dollars (\$1,650.00) per month (the "T-Mobile Sublicense Fee") beginning on the first day of the month following the commencement date of the T-Mobile Sublicense and continuing through the term of the T-Mobile Sublicense. The T-Mobile Sublicense Fee shall be payable in the same manner as the License Fee, including the incremental increases in License Fee set forth in Section 4 of the Agreement. That portion of the License Fee attributable to the T-Mobile Sublicense Fee shall terminate on the date all equipment related to the T-Mobile Sublicense is removed from the Licensed Premises and the License Fee thereafter shall be reduced by an amount equal to the T-Mobile Sublicense Fee. Licensee shall be obligated to pay that portion of the License Fee attributable to the T-Mobile Sublicense Fee for so long as any equipment related to the T-Mobile Sublicense remains on the Licensed Premises and regardless of whether unless Licensee actually receives the T-Mobile Sublicense Fee payments.

5. ***Agreement in Full Force.*** Except as expressly amended hereby, all terms and conditions of the Agreement and First Amendment shall remain in full force and effect, and, in the event of any inconsistencies between this Second Amendment and the terms of the Agreement and First Amendment, the terms set forth in this Second Amendment shall govern and control. The covenants, representations and conditions in the Agreement are mutual and dependent.

6. ***Recording of Agreement.*** Upon such time that Licensee performs a survey which accurately describes the revised and expanded Licensed Premises, which such survey shall be approved by Licensor, Licensor and Licensee agree to promptly execute a memorandum of the Agreement using a recordable format.

7. ***Counterparts.*** This Second Amendment may be executed in one or more counterparts which shall be construed together as one document.

8. ***Defined Terms.*** Unless otherwise defined, all defined terms used in this Amendment shall have the meanings ascribed to them under the Agreement.

9. ***Successors and Assigns.*** Upon full execution by Licensee and Licensor, this Second Amendment (i) shall be binding upon and shall inure to the benefit of each of the parties

and their respective successors, assigns, receivers and trustees; and (ii) may be modified or amended only by a written agreement executed by each of the parties.

10. ***Non-Binding Until Fully Executed.*** This Second Amendment is for discussion purposes only and does not constitute a formal offer by either party. This Second Amendment is not and will not be binding on either party until and unless it is fully executed by both parties.

11. ***Recitals.*** The recitals at the beginning of this Second Amendment are incorporated in and made a part of this Second Amendment.

[SIGNATURES APPEAR ON THE FOLLOWING PAGE]

IN WITNESS WHEREOF, the parties have executed this Second Amendment as of the later of the signature dates below.

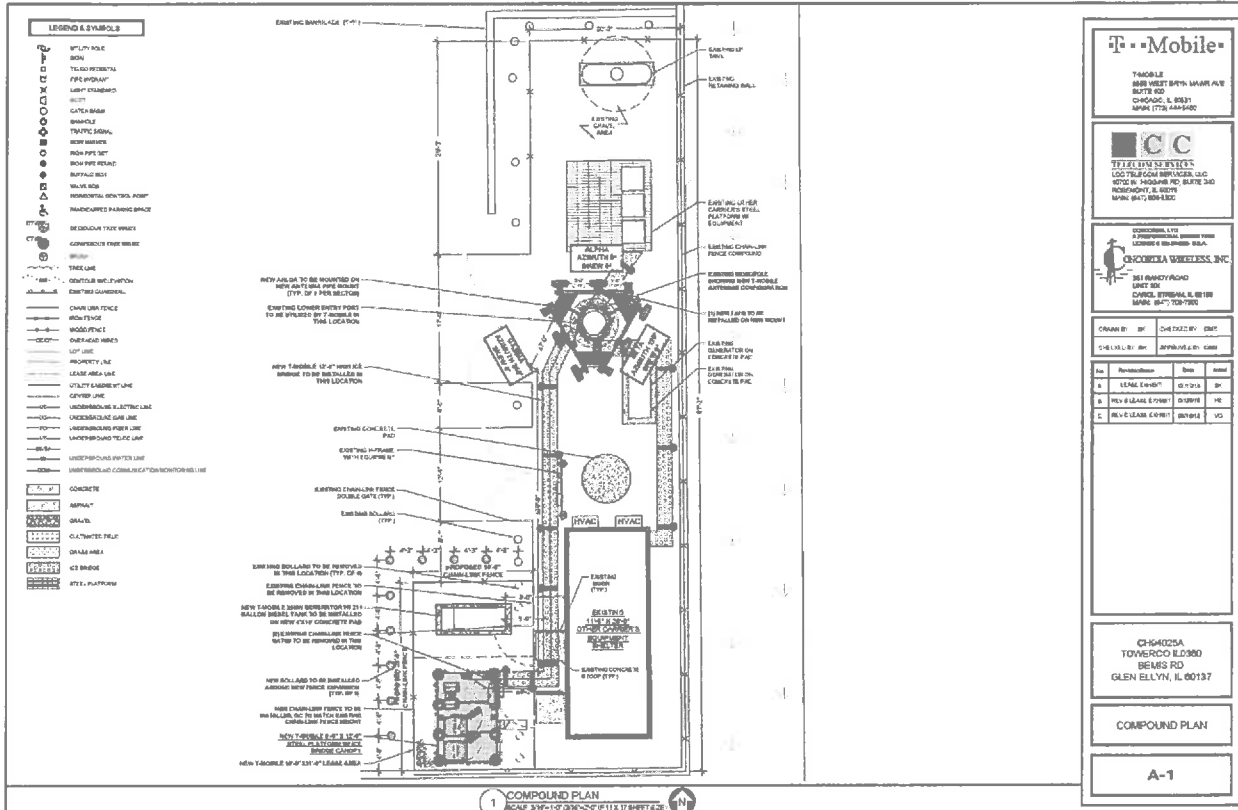
LICENSOR:
VILLAGE OF GLEN ELLYN

By: _____
Name: _____
Title: _____
Date: _____

LICENSEE:
TOWERCO 2013 LLC, a Delaware limited liability company

By: _____
Name: Daniel Hunt
Title: Vice President & CFO
Date: _____

EXHIBIT A-3



T-Mobile
TABLE 1
300 WEST BETH MARSH AVENUE
SUITE 500
CHICAGO, IL 60611
PHONE (773) 444-5400

CC
TELEPHONE SYSTEMS
100 TRULOGAN SPRINGERS LANE
SUITE 100 HANOVER, MD 21076-2400
ROSBERT, IL 60270
PHONE (301) 888-8500

COMMERCIAL LTD.
A PROFESSIONAL SERVICE FIRM
CONSISTING OF ENGINEERS, ARCHITECTS, PLANNERS
CHESAPEAKE WIRELESS, INC.
381 RANNEY ROAD
LITTLE ROCK, AR 72205
CORNER FEDERAL & 8TH
MARK (501) 708-7800

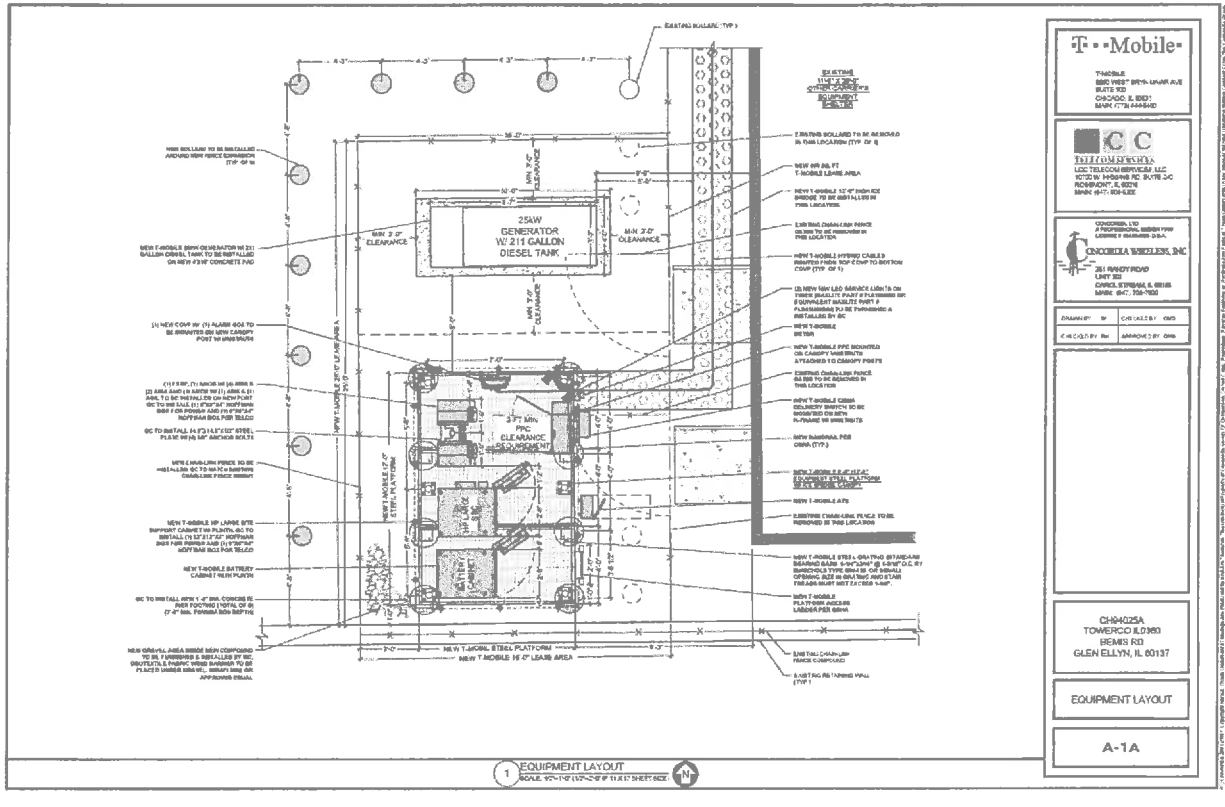
OWNER	BY	DATE	BY	DATE
T-Mobile		04/23/02	CH	
CHESAPEAKE WIRELESS, INC.		05/08/02	CH	

REV	REVISION	DATE	BY
1	REVISION 1	05/08/02	CH
2	REVISION 2	05/08/02	CH
3	REVISION 3	05/08/02	CH

CH04025A
TOWER/ROOF
GLEN ELLYN, IL 60137

COMPOUND PLAN

A-1



T-Mobile
 TOWER
 1100 W. BEHN-LINCOLN AVE
 SUITE 200
 CHICAGO, IL 60607
 MARK TULLIARDE

CC
 CHICAGO COMMUNICATIONS
 LLC TELECOMMUNICATIONS LLC
 100 W. MADISON ST. SUITE 200
 CHICAGO, IL 60602
 (312) 467-1000

CHICAGO TOWERWORKS, INC.
 211 WESTFIELD
 SUITE 100
 CHICAGO, IL 60607
 (312) 352-7000

CHICAGO TOWERWORKS, INC.
 BEAVER RD
 GLEN ELLYN, IL 60137

EQUIPMENT LAYOUT

A-1A

From: [Jason Woodward](#)
To: [John Sterrett](#)
Cc: [Staci Springer](#); [Matt Streicher](#); [Jason Catalini](#); [Tina White](#)
Subject: RE: Glenbard Wastewater Authority Cell Tower - Second Amendment to License Agreement
Date: Thursday, November 01, 2018 3:45:17 PM
Attachments: [image001.png](#)
[IL0360 Glenbard Wastewater Second Amendment to Licen.doc](#)
Importance: High

John,

Per our discussion, attached is the approved redline version of the amendment for \$1,650. If you can let us know when to expect execution of the document.

Sincerely,
Jason

Jason Woodward
Director, Business Development - Central Region

wrk 248-716-9729
mob 248-361-6936



From: John Sterrett [mailto:jsterrett@glenellyn.org]
Sent: Tuesday, October 16, 2018 1:54 PM
To: Jason Woodward <JWoodward@towerco.com>
Cc: Staci Springer <sspringer@glenellyn.org>; Matt Streicher <mstreicher@gbww.org>
Subject: Glenbard Wastewater Authority Cell Tower - Second Amendment to License Agreement

Jason,

Please see the attached review letter from the Village of Glen Ellyn regarding the second amendment to the license agreement for the existing tower at the Glenbard Wastewater Authority site.

John H. Sterrett | Planner | Planning and Development Department
Village of Glen Ellyn | 535 Duane Street | Glen Ellyn, IL 60137
jsterrett@glenellyn.org | p 630.547.5249 | f 630.547.5370

SECTION 7.0

DISCUSSION

SECTION 7.1

HIGH STRENGTH WASTE OPERATING PROCEDURE

MEMORANDUM

TO: Executive Oversight Committee

FROM: Matt Streicher, P.E. BCEE

DATE: January 10, 2019

RE: High Strength Waste Receiving Standard Operating Procedure
“Schedule A” Proposed Modifications



At the April 2018 EOC meeting, the EOC approved the implementation of new High Strength Waste (HSW) Receiving Standard Operating Procedures (SOP). Accompanying the SOP's was a "Schedule A" that contained mathematical calculations that showed the appropriate amount of HSW waste the Authority could accept in the digesters based off of strengths of materials accepted, strength of existing municipal materials being fed to digesters, volumes of digester storage, and volumes of receiving storage. All calculations were performed conservatively, and some were performed based off assumptions, since at the time some parameters did not exist. Since their implementation, the SOP's have significantly improved the HSW program, and added many safeguards to the process. The SOP's have been being performed smoothly, with very few complaints from staff, and they have demonstrated their effectiveness.

With the continued success of the new program, haulers who had previously become weary of coming to the Authority due to a probability of being rejected, have now started to re-establish relationships. In the past couple of months, there were potential situations in which the Authority would have had to turn away haulers in order to not exceed the volumes allowed in the adopted SOP's, which would have been entirely unnecessary and could lead to steps backwards. In addition, the calculations demonstrate that a greater volume could be accepted, but it had been decided to start off slower. Therefore, since the program has been going well and no issues have arisen, the Authority will be seeking to amend Schedule A of the SOP's to allow for a greater volume of HSW to be received per day. Some key points are as follows:

- The volume of available storage in Schedule A was revised based on actual conditions instead of theoretical conditions
 - o High Levels and Low Levels in the storage tanks were adjusted to reflect actual conditions due to pump limitations
- The digester feed pump rates in Schedule A were revised based on actual conditions instead of theoretical conditions
 - o The digester feed pump was not in place prior to the new SOP's, therefore theoretical pumping rates were determined using product data (although the pump was not new, it had been repurposed) and bench trials.
 - o The actual feed rate will not be changing, Schedule A will only be changed to reflect the actual feed rate based on actual observations.

- The calculations in Schedule A demonstrate that the Authorities digesters can actually hand more volume of HSW than they are currently being fed.
 - o The new calculations take into account most up to date data from current municipal sludge and the HSW that has been delivered
 - o Original Schedule A Calculations took into account very conservative values for the strength of HSW
 - o Conservative values are still being used for all thresholds indicating digester health
- All safeguards in the SOP's to prevent a digester upset will remain in place
- The Authority is not seeking to modify the SOP's, just the Schedule A calculations

Attached are several exhibits that demonstrate the modifications that will be requested. Also attached is the SOP language that is *not* being proposed to change, this is simply provided for reference purposes. Prior to seeking actual approval from the EOC for the proposed modifications, the Authority requires having a 45-day posting period for public comment.

Revised/Proposed

Current Municipal Loading (March 2018 - December 2018)	
Quantity	Units
9,555	Pounds Total Solids (TS) per day
7,816	Pounds VS Per Day
3.0%	%
39,647	Gallons Per Day
80.00%	%

Per the Manual of Practice No. 11 (MOP 11), Operations of Municipal Wastewater Treatment Plants, a comparable mixed municipal digester organic loading rate range is 100-400 Pounds of Volatile Solids Per 1,000 Cubic Feet Per Day (lb VS/cf/d)

Additional Allowable Digester Loading Rates (FOD)	
Quantity	Unit
100	Pounds of VS Per Thousand Cubic Feet Per Day
19,491.98	Pounds VS Per Day
11,666	Pounds VS Per Day
46.8%	Gallons Per Day

Per the Manual of Practice No. 11 (MOP 11), Operations of Municipal Wastewater Treatment Plants, a comparable mixed municipal digester organic loading rate range is 100-400 Pounds of Volatile Solids Per 1,000 Cubic Feet Per Day (lb VS/cf/d)

Digester Statistics	
Quantity	Unit
66,037	Gallons Per Day
7.4	Days
85.33%	Percent
59.00%	Percent
27.2%	Percent

HSW/FOD Storage Tank Capacities

Quantity	Unit
4,432	Cubic Feet
92,999	Gallons
988	Cubic Feet
7,289	Gallons
462,338	Gallons

(MOP 11 states no less than 10-15 Days)

(MOP 11 states normal range is 40%-60%)

Revised Based Off Actual

Proposed

Current Municipal Loading (March 2018 - June 2017)	
Quantity	Units
11,139	Pounds Total Solids (TS) per day
11,139	Pounds VS Per Day
1.0%	%
58,387	Gallons Per Day
11.1%	%

Per the Manual of Practice No. 11 (MOP 11), Operations of Municipal Wastewater Treatment Plants, a comparable mixed municipal digester organic loading rate range is 100-400 Pounds of Volatile Solids Per 1,000 Cubic Feet Per Day (lb VS/cf/d)

Additional Allowable Digester Loading Rates (FOD)	
Quantity	Unit
100	Pounds of VS Per Thousand Cubic Feet Per Day
19,492.00	Pounds VS Per Day
7,778	Pounds VS Per Day
11,169	Gallons Per Day

Per the Manual of Practice No. 11 (MOP 11), Operations of Municipal Wastewater Treatment Plants, a comparable mixed municipal digester organic loading rate range is 100-400 Pounds of Volatile Solids Per 1,000 Cubic Feet Per Day (lb VS/cf/d)

Digester Statistics	
Quantity	Unit
71,430	Gallons Per Day
10.4	Days
85.33%	Percent
59.00%	Percent
1.2%	Percent

HSW/FOD Storage Tank Capacities

Quantity	Unit
988	Cubic Feet
77,884	Gallons
1,191	Cubic Feet
1,119	Gallons
462,338	Gallons

Key Health Indicators

Proposed VS from Confirmed

Revised/Proposed

Typical Daily Schedule							
	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
HSW Volume Available to Start	40,238	35,838	31,438	27,038	22,638	18,238	33,838
HSW Volume Received into Holding Tanks*	15,600	15,600	15,600	15,600	15,600	0	0
HSW Volume Transferred to Digesters	35,838	31,438	27,038	22,638	18,238	33,838	40,238
Tank Volume Remaining in Holding Tanks**							
* - Due to a typical HSW tanker being 5,000 gallons, volume added to holding tanks must be in 5,000 gallon increments							
** - If schedule is followed exactly, the holding tank would be emptied completely Sunday, resulting in the Total Volume Remaining to be the Total Available							
<i>If excess volumes occur, deliveries will be halted or reduced for an appropriate amount of time in order to make storage available again.</i>							

HSW Transfer to Digesters Pump Operation

Pump Speed (Variable Drive Percent Loading)	Gallons Per Minute
5%	3-9
10%	18-20
15%	25-35
25%	42-47
50%	88
75%	90-110
85%	90
100%	130-145

Due to HSW (especially FOG) being prone to creating blockages in the pipe, in order to allow for higher scouring velocities, the pump will be cycled on/off on an hourly basis
 HSW Transfer Pump Shall Operate at 100% (~130 gpm) for 3 minutes every hour of the day (Total Volume Transfer = 15,600 gallons per day)

Revised Based Off Actual Conditions

Previous

Typical Daily Schedule							
	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
HSW Volume Available to Start	46,103	41,903	37,703	33,503	29,303	25,103	35,903
HSW Volume Received into Holding Tanks*	15,000	15,000	15,000	15,000	15,000	0	0
HSW Volume Transferred to Digesters	10,800	10,800	10,800	10,800	10,800	10,800	10,800
Tank Volume Remaining in Holding Tanks**	41,903	37,703	33,503	29,303	25,103	35,903	46,103
* - Due to a typical HSW tanker being 5,000 gallons, volume added to holding tanks must be in 5,000 gallon increments							
** - If schedule is followed exactly, the holding tank would be emptied completely Sunday, resulting in the Total Volume Remaining to be the Total Available							
<i>If excess volumes occur, deliveries will be halted or reduced for an appropriate amount of time in order to make storage available again.</i>							

HSW Transfer to Digesters Pump Operation

Pump Speed (Variable Drive Percent Loading)	Gallons Per Minute
5%	3-9
10%	18-20
15%	25-35
25%	42-47
50%	88
75%	88
85%	90
100%	90-115

Due to HSW (especially FOG) being prone to creating blockages in the pipe, in order to allow for higher scouring velocities, the pump will be cycled on/off on an hourly basis
 HSW Transfer Pump Shall Operate at 75%-100% (~90gpm) for 5 minutes every hour of the day (Total Volume Transfer = 10,800 gallons per day)

Month/Year	Gallons Received (Monthly)	Gallons Allowed (monthly/daily)
Oct-16	221,000	N/A
Nov-16	314,960	N/A
Dec-16	180,894	N/A
Jan-17	270,253	N/A
Feb-17	319,906	N/A
Mar-17	306,330	N/A
Apr-17	353,953	N/A
May-17	471,371	N/A
Jun-17	572,038	N/A
Jul-17	589,543	N/A
Aug-17	-	0
Sep-17	-	0
Oct-17	-	0
Nov-17	-	0
Dec-17	-	0
Jan-18	-	0
Feb-18	-	0
Mar-18	-	0
Apr-18	-	0
May-18	63,882	300,000/15,000
Jun-18	44,500	300,000/15,000
Jul-18	60,500	300,000/15,000
Aug-18	65,900	300,000/15,000
Sep-18	30,400	300,000/15,000
Oct-18	38,100	300,000/15,000
Nov-18	77,873	300,000/15,000
Dec-18	96,222	300,000/15,000

* Digester Upset

* Digester Recovered

* Moratorium Lifted

Proposed

400,000/20,000



STANDARD OPERATING PROCEDURE

HIGH STRENGTH WASTE RECEIVING

Date Approved:
March 8, 2018

Approved By:
Glenbard Wastewater Authority
Executive Oversight Committee

PURPOSE: A guide to qualify proposed digester feedstock and to safely and effectively accept the feedstock and process it for the purposes of co-generation. It is important to note that this is a biological process, and that while defining strict operating procedures, the possibility of an upset condition cannot be eliminated – only reduced. Staff shall not be held liable for an upset condition as long as these procedures are followed.

SCOPE: This Standard Operating Procedure (SOP) covers all aspects of receiving High Strength Waste (HSW). and is broken down into sections as detailed below.

It is desirable to use a single source hauler for delivery of high strength waste to the Authority so that greater control of delivery amounts and accountability of delivered materials can be had. However, as market changes may necessitate using more than one hauler or changing the sole hauler, included in this SOP is the process of qualifying additional feedstock and suppliers.

Part I	Staff Responsible: Environmental Resources Coordinator																			
Qualification of Feedstock																				
<p>1. HSW hauler will provide a complete description of the waste characteristics, including the following:</p> <ul style="list-style-type: none"> a. Waste type and origin. Type description to include general industry (food, medical, etc.) b. A Laboratory analysis of the proposed feedstock waste must be submitted and reviewed. The hauler may provide the analysis from an independent laboratory or it may be analyzed by the Glenbard Wastewater Authority (GWA) laboratory staff at the hauler's sole expense. c. The analysis must contain the following parameters and be within the ranges indicated. 																				
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 30%;">Parameter</th> <th style="width: 35%;">Minimum</th> <th style="width: 35%;">Maximum</th> </tr> </thead> <tbody> <tr> <td>COD</td> <td>30,000</td> <td>N/A</td> </tr> <tr> <td>pH</td> <td>3</td> <td>8</td> </tr> <tr> <td>%VSS</td> <td>60%</td> <td>100%</td> </tr> <tr> <td>Sulfates</td> <td>0</td> <td>350 mg/Kg</td> </tr> <tr> <td>Volatile Fatty Acids</td> <td colspan="2">Informational Purposes Only/No Limit</td> </tr> </tbody> </table>			Parameter	Minimum	Maximum	COD	30,000	N/A	pH	3	8	%VSS	60%	100%	Sulfates	0	350 mg/Kg	Volatile Fatty Acids	Informational Purposes Only/No Limit	
Parameter	Minimum	Maximum																		
COD	30,000	N/A																		
pH	3	8																		
%VSS	60%	100%																		
Sulfates	0	350 mg/Kg																		
Volatile Fatty Acids	Informational Purposes Only/No Limit																			
<p>2. The Environmental Resources Coordinator (ERC) is responsible for reviewing the data provided and accepting or declining the feedstock based on the established range of parameters.</p> <p>3. The ERC may decline feedstock that meets the analysis criteria when there are other concerns, such as consistency or other risk factors.</p> <p>4. The Executive Director has the final approval or disapproval in all instances. The Authority has the right to refuse any feedstock or hauler at any time</p>																				

Part 2	Staff Responsible: Environmental Resources Coordinator
Hauler Qualification	
<ol style="list-style-type: none"> 1. Prior to delivering feedstock, proposed haulers must complete a permit application/contract agreement with GWA. 2. Haulers must provide proof of insurance with the following minimum coverage: <ol style="list-style-type: none"> A. Comprehensive General Liability Insurance covering personal injury, bodily injury, property damage, and contractual liability in the amount of One Million Dollars (\$1,000,000) for each occurrence and Two Million Dollars (\$2,000,000) aggregate per policy period; B. Comprehensive Automobile Liability Insurance covering personal injury, bodily injury and Property damage with a minimum combined limit of One Million Dollars (\$1,000,000). C. Worker's Compensation insurance in the minimum amounts required by statute. 3. A certificate or certificates of insurance naming THE AUTHORITY, the Village of Lombard and the Village of Glen Ellyn as additional insured parties. The certificate or certificates shall reflect the above coverages and shall be in effect at all times. Updated certificates of insurance shall be submitted annually to the Authority. 4. Haulers must provide a "renders license" or sign an affidavit certifying they only transport material agreed upon. 5. The ERC is responsible for reviewing the information submitted and recommending that the hauler be approved or disapproved. 6. The Executive Director has the final approval or disapproval in all instances. 	
Part 3	Staff Responsible: Operations Department
Feedstock Receiving	Back-Up Staff: ERC
<ol style="list-style-type: none"> 1. The ERC should make all efforts possible to schedule deliveries ahead of time, and convey this schedule to Operations on a daily basis or as mutually convenient. 2. Haulers must stop at gate and push button to announce arrival and open the gate. 3. A member of the Operations Department will meet the hauler at the receiving station to unlock it. 4. Prior to unlocking the station to commence discharge, the operator must check the daily log to ensure that there is capacity and the maximum volume of waste received will not be exceeded by the acceptance of the load. The criteria for the maximum volume of waste allowed to receive will be found in Schedule A of these SOP's. 5. The hauler is to provide a completed manifest for the load. 6. The hauler must fill out the label on a GWA provided sample container and use the container to grab a sample of the load as it is discharging. 7. Sample jars are to be provided by the Authority with labels. 8. The sample is to be placed in the small refrigerator that is located near the desk in the garage of the press building (Building P). 9. A member of the Operations Department will observe the discharge to check for possible contaminants. 10. Should the load appear to be contaminated, the operator must stop the hauler from discharging anymore of the suspect load. 11. When the discharge is complete, the operator will re-lock the station. 12. Once the maximum amount of HSW is received for that day, the operator must communicate this to the ERC and the administrative secretary in order to divert any further loads. 13. If there is failure in equipment associated with the receiving, maintaining, or transfer of the High Strength Waste, additional hauling will be ceased immediately until such equipment is repaired. 14. Deliveries will only be received when full time staff is present, i.e. M-F 7am-4pm, excluding holidays. 	

Part 4	Staff Responsible: Operations/Laboratory
Processing of HSW Samples	
<ol style="list-style-type: none"> 1. At the end of each day, a member of the Operations Department is to collect all load sample bottles from the refrigerator located in Building P, ensure they are labeled properly, and place them in the laboratory refrigerator in the designated area. 2. Laboratory staff is to ensure that if there are multiple haulers throughout a month that the random samples reflect each of the haulers. 3. If the Authority is to receive loads from multiple haulers, the results of these random samples will be entered into OPS works in the HSW worksheet. 4. All samples are to be saved for thirty (30) days, and at the end of the thirty (30) day period composited and analyzed for total solids and volatile solids. 5. The results of this composited sample are to be entered into OPS works on the Digester Volatile Acids worksheet and used to calculate the amount of volatile solids being sent to the digester. This will be used to determine if an appropriate amount of HSW is being sent to the digesters and will be evaluated monthly, or if/when a new waste stream is introduced. 6. Laboratory staff is to take a sample of the digester three times a week (Monday, Wednesday, and Friday) at consistent times and analyze it for the acids to alkalinity ratio. This data is to be recorded in the "Volatile Acids Binder," as well as the Digester Volatile Acids worksheet in the database management software (currently OPS Works). 7. The Laboratory Services Coordinator and/or Operations Superintendent is responsible for reporting any changes to the acids to alkalinity ratio outside above 0.15 to the Operations Superintendent and Executive Director immediately, and feeding of High Strength Waste to the digester will immediately be ceased. In this event, more frequent digester sampling will be taken as needed to more closely monitor the health of the digester and ensure upset conditions are not occurring. This range has been determined based on existing data from extended time periods when the Authority's digesters are operating without issue. 8. If the acids to alkalinity ratio range exceeds allowable limits, and/or the acids go above 200 mg/L, in a 24-hour period, feeding of High Strength Waste to the digester will immediately be ceased. In this event, more frequent digester sampling will be taken as needed to more closely monitor the health of the digester and ensure upset conditions are not occurring. 9. In the event of any upset conditions, the collected samples may be analyzed to determine if any potential containments were introduced via the high strength waste loads. Investigative work would be performed based on the type of upset condition that occurred, and if any unusual or suspect loads were received. 	
Part 5	Staff Responsible: Executive Director/ Operations Department
HSW Daily Loading	
<ol style="list-style-type: none"> 1. The Executive Director shall work with the Authority consultants to determine the maximum daily HSW volume that may be received, and that may be transferred to the digesters. 2. The determination of allowable volume to be transferred to the digesters will be made based on volatile solids loading bases, volume of storage available in the digesters, an acceptable feed rate to the digesters and resultant, empirical digester process testing. 3. The determination of allowable volume to be received will be made based on the volume of HSW allowed to be transferred to the digesters, the volume of storage available, and acceptable feed rates to the digesters in accordance with calculations defined in the attached "Schedule A." 4. These calculations will be reviewed periodically for potential adjustment based on: <ol style="list-style-type: none"> (a) Changes in the volatile solids loading base. 	

(b) Changes in equipment or process changes.

(c) Changes in the normal range of the volatile acids to alkalinity ratio.

5. The HSW Transfer pump to the digesters will be programmed to cease operating when the maximum allowable volume determined in Schedule A has been transferred to the digesters.
6. The HWS Transfer Pump (gallons per minute and duration) shall be programmed to pump at a consistent rate throughout the day according to calculations determined on Schedule A
7. The Authority, along with its consultants, have determined the maximum volumes of HSW allowed to be received and transferred to the digesters are defined in the attached Schedule A. These calculations are to be reviewed every 12 months and subject to change.
8. If changes are made to the high strength waste calculations/receiving/transfer amounts, a notification will be posted publicly on the Authority's website 45 days ahead of time, and notices will be sent via email to the Authority's subscribed email addresses, in order for there to be a public review/comment period.
9. Daily transfer rates to the digesters shall be in accordance with Schedule A in order to reduce the potential of a biological upset.

SECTION 7.2

FACILITY IMPROVEMENT PROJECT - UPDATE

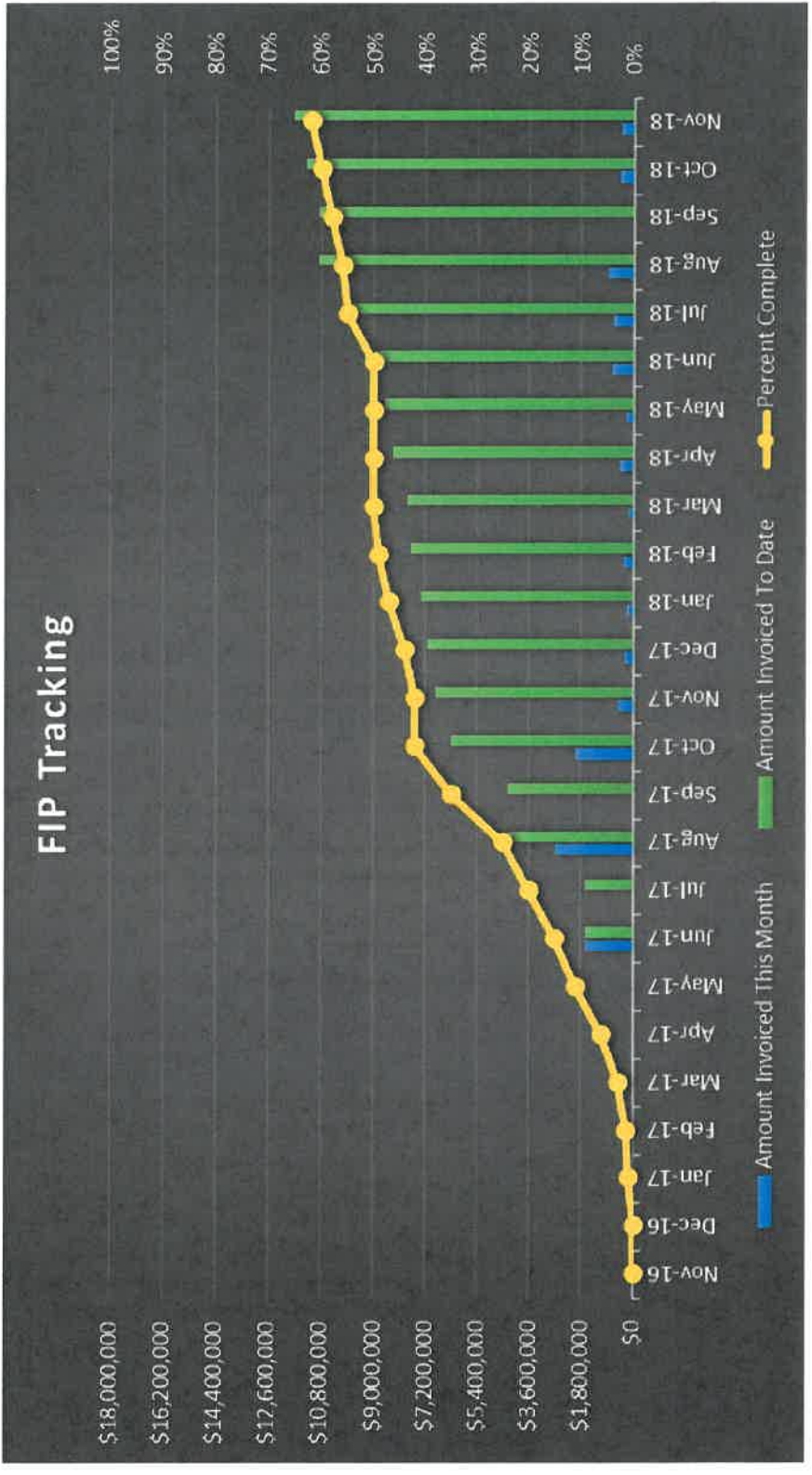


FIP Project Update

- Work Completed Since Last EOC Meeting
 - Filter Building Cleanup/Loose Ends Continues
 - Stairs on South end of building
 - Chem-feed System Installed, startup
 - Dewatering using new channel
 - Excavation for new Raw Pumps began and continues
 - HVAC Work – Building B duct installation began
 - 284 Submittals
 - 47 Requests for Information
- Work Anticipated Prior to Next EOC Meeting
 - Filter Building Finishing Continuation
 - Pump Station Excavation Completed?
 - Pump Station well concrete pour begin



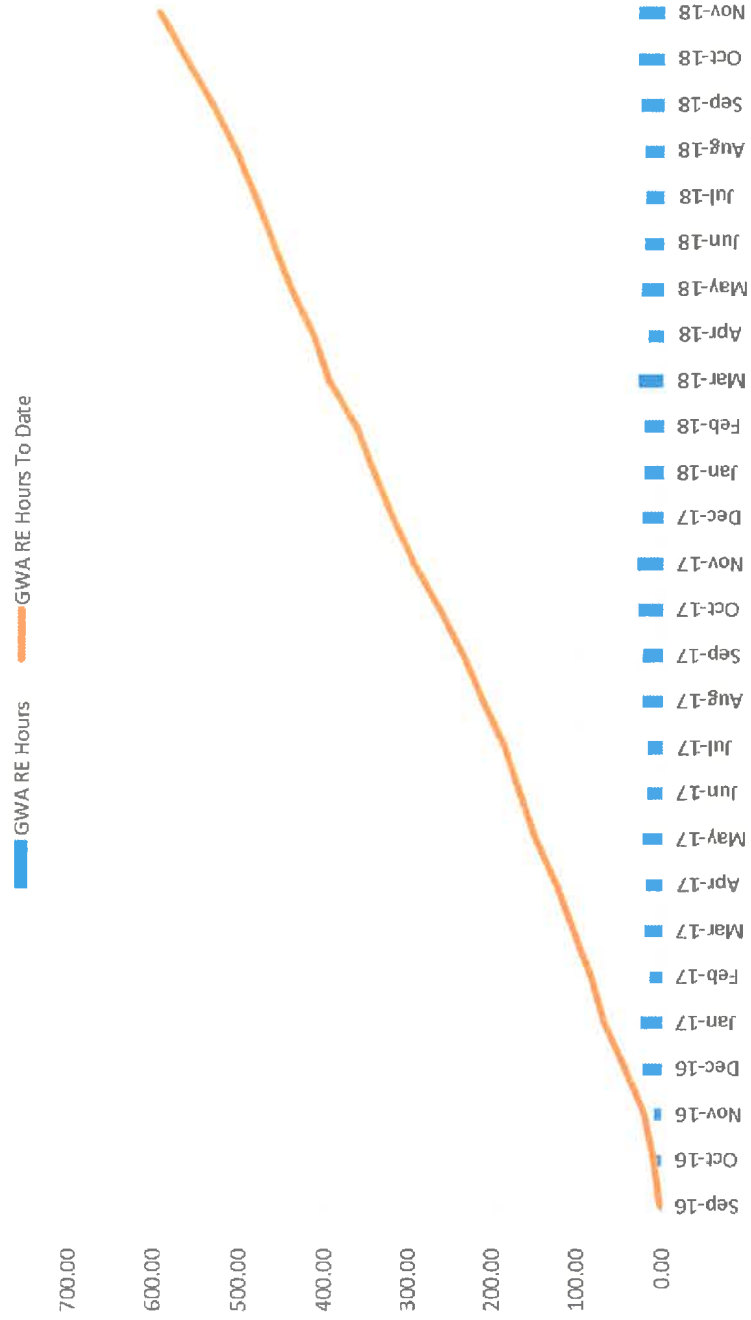




Days Remaining Until Final Completion (03/15/2020): 430



FIP GWA RE Tracking




SECTION 7.3

DISCUSSION OF FPA AMENDMENT INQUIRY



December 31, 2018

TO: Glenbard Wastewater Authority Executive Oversight Committee
FROM: Carl Goldsmith, Lombard Director of Public Works 
SUBJECT: FPA Amendment

The Clean Water Act (CWA) adopted in 1972, which amended the Federal Water Pollution Control Act of 1948, promulgated rules and procedures for regulating pollutant discharges into the waters of the United States. One such regulation was the establishment of Facility Planning Areas (FPAs) is to set boundaries for wastewater treatment collection systems to prevent wastewater treatment capacity from being duplicated in neighboring facilities or jurisdiction. The FPA's regional approach is intended to ensure environmental and fiscal protections. The FPAs are either coterminous with the municipal planning areas, somewhat coterminous with the municipal planning areas or involve private entities that serve a portion of the municipality. In Lombard's case, properties within the municipal boundaries are served by one of three (3) treatment facilities based upon the FPA boundaries; the Glenbard Wastewater Authority (GWA), the Flagg Creek Water Reclamation District (FCWRD) or the Highland Hills Sanitary District (HHSD). A map is attached that depicts the boundary for the FPAs.

The Village of Lombard has sought and approved numerous FPA amendments in the past. A list of recent amendments can be found below:

Date	Property	Transferred From	Transferred To
February 1995	Blocks of 1200 S. Church and 1200 S. Luther	Hinsdale Sanitary District	GWA
October 1996	Highland Estates Subdivision (18 th & Fairfield)	Hinsdale Sanitary District	GWA
October 1998	Southeast corner of Butterfield Road and Technology Drive	Hinsdale Sanitary District	GWA
February 1999	15071 School Street	Hinsdale Sanitary District	GWA
December 2001	CVS Pharmacy (Roosevelt Road and Westmore-Meyers Road)	Hinsdale Sanitary District	GWA
February 2005	Roosevelt Road and Ahrens (16 acres)	Hinsdale Sanitary District	GWA
March 2006	Lombard Road (north of North Avenue)	Addison	GWA

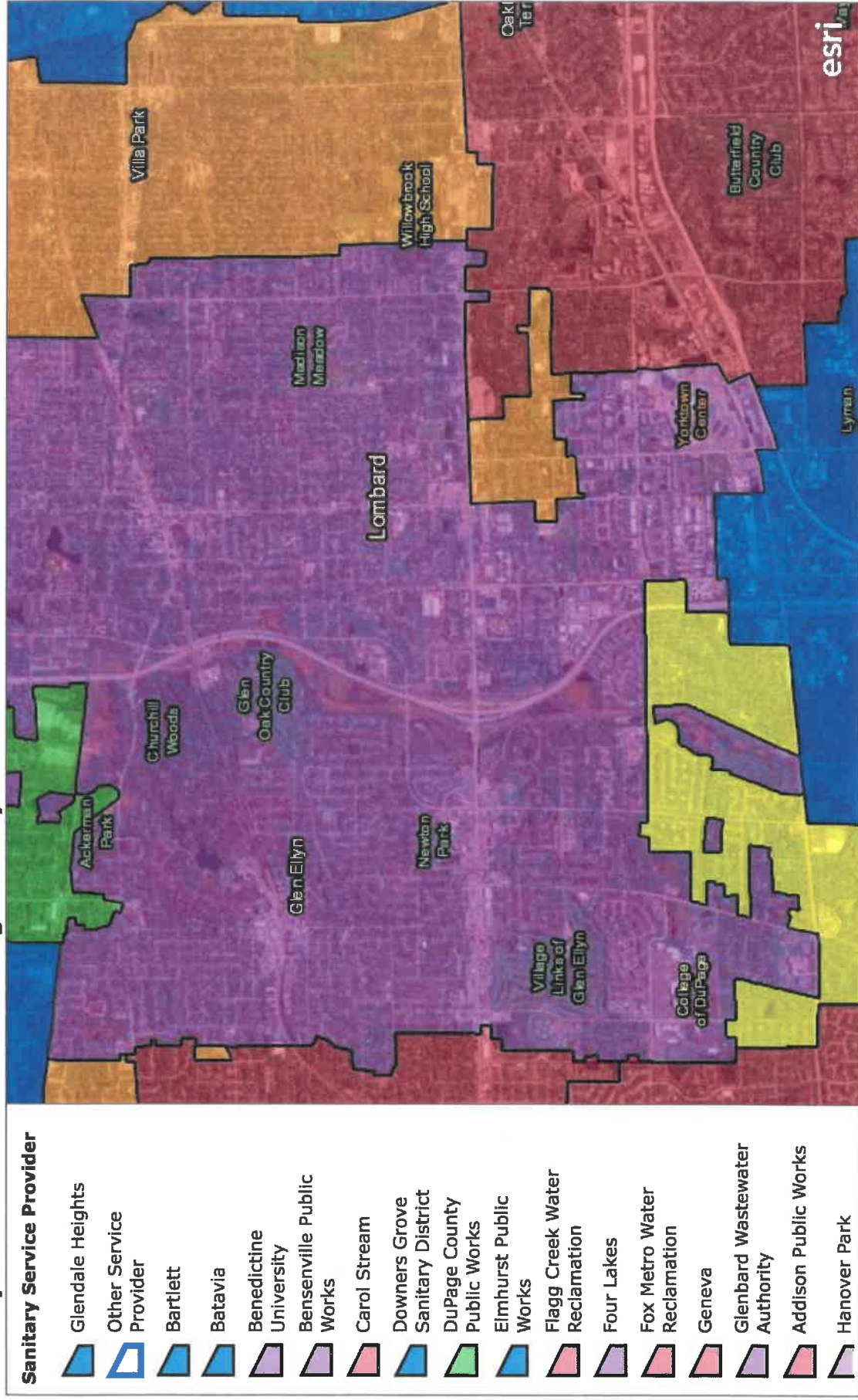
The Village of Lombard is currently working with a developer for the redevelopment of the former site of the Northern Baptist Theological Seminary, which has recently relocated to Lisle. The site is 27.52 acres located along the Butterfield Road corridor between Yorktown Mall and Fountain Square. The site is located within the Flagg Creek Water Reclamation District FPA, but is located adjacent to the GWA FPA whose boundary is located along the west property line of the site. While no specific development proposal has been provided, the developer has evaluated the site capacity for the provision of wastewater services and determined that the FCWRD may not have sufficient capacity to support development.

By ordinance, FCWRD has a flow limitation on sites located within the FPA, which limits the discharge to 3,000 gallons per day per acre. The ordinance (attached) provides for a variance process, which is not defined by ordinance and may not avail itself in this case. A meeting with the administration of FCWRD has been established to better understand the variance process. Lombard, on behalf of the developer, is also exploring the potential for amending the FPA boundary between GWA and FCWRD. The amendment process is managed by the Chicago Metropolitan Planning Agency (CMAP). An initial inquiry to CMAP has resulted in general support for the amendment, should both FPAs agree to the amendment. Based upon a review of the current operating capacity of GWA, which treats an average of 12 million gallons of wastewater per day, but has a peak flow capacity of up to 47 million gallons per day, there appears to be sufficient capacity within the treatment works for the development.

The Village of Lombard is seeking support from the GWA Executive Oversight Committee to begin the process of amending the FPA boundaries with Flagg Creek Water Reclamation District for the 27 acre parcel. Initial dialogue with the FCWRD staff has evidenced support for the amendment, subject to FCWRD Board review and approval. The process for amending the FPA is the adoption of a resolution by the Lombard Village Board of Trustees and a resolution amending the FPA by the Flagg Creek Water Reclamation District Board.

Please present this request for transferring the above referenced property to the Glenbard FPA to the Executive Oversight Committee for approval at their next meeting.

Sanitary Sewer Treatment in DuPage County



Lead Agencies in DuPage County for Sanitary Sewer Treatment. Not all areas have service Available.

Earthstar Geographics | Esri, HERE, Garmin

CHAPTER 11

FLOW LIMITATIONS

11-1.01	Mandated Design Capacity
11-1.02	Policy Statement-
11-1.03	Limitations Excess Loadings

11-1.01 Mandated Design Capacity

Design capacities of District facilities mandated by the concerned Planning Agencies prior to approval of Federal Construction Grants required sewer sizing for three thousand (3,000) gallons per day per acre.

11-1.02 Policy Statement-Limitations

The District hereby adopts the policy of not permitting development of lands where such development will create loadings in excess of the capacity of the existing facilities of the District, including plant, interceptor, and lateral sewers and special facilities. Any development which will result in more than three thousand (3,000) gallons per day per acre requires a variation request to be heard by the Board and may not be approved without a finding by the Board that such development is of a unique nature, that it is desirable that it exist in the District, and that no portion of the District System will be overloaded beyond its design capacity. Denial or approval shall be by Resolution. Flow dampening or equalization units may be required for a specific project if, in the judgment of the District, the diurnal flow from the project will adversely effect the flow in the receiving sewer.

11-1.03 Excess Loadings

If a proposed development submitted to the District will result in design wastewater loads in excess of the capacity of the District's facilities for service of that area, the project developer shall be required to reduce wastewater loads of his project to within the systems capacity; alternatively, where a portion of the District's facilities are considered by the Board to be unable to handle the projected loads, the District may provide, by Resolution, that the project developer install at his sole expense supplemental facilities for the District from the project site to a location on the District's

system which can adequately accept the loadings, or to install facilities for storage and timed release of wastes on the developer's site, but in no case shall the resultant loadings exceed the maximum loadings permitted hereunder.

RESOLUTION
R _____ 19

**RESOLUTION AUTHORIZING GLENBARD TO AMEND
FACILITY PLANNING AREA BOUNDARY**

WHEREAS, the Corporate Authorities of the Villages of Lombard and Glen Ellyn have banded together to form the Glenbard Wastewater Authority; and

WHEREAS, Glenbard Wastewater Authority has certain boundaries within its planning boundary jurisdiction; and

WHEREAS, Lombard's corporate jurisdiction does not always coincide with the facility planning area boundaries of the Glenbard Wastewater Authority; and

WHEREAS, the Village of Lombard deems it reasonable to include certain properties legally described in Exhibit "A" attached hereto in order to have Lot 1 in Resubdivision of Northern Baptist Theological Seminary Subdivision (common address of 600 E. Butterfield Road and PIN 06-29-2000-056) contiguous to Glenbard Wastewater Authority Facility Planning Area.

NOW, THEREFORE, BE IT RESOLVED BY THE PRESIDENT AND BOARD OF TRUSTEES OF THE VILLAGE OF LOMBARD, DU PAGE COUNTY, ILLINOIS as follows:

SECTION 1: The Corporate Authorities of the Village of Lombard hereby authorize and endorse a plan to Glenbard Wastewater Authority to amend its facility planning area boundaries through the appropriate governmental agencies to include the property legally described in Exhibit "A" attached hereto..

Adopted this _____ day of _____, 2019.

Ayes: _____

Nays: _____

Absent: _____

Approved this _____ day of _____, 2019.

Keith Gagnorio
Village President

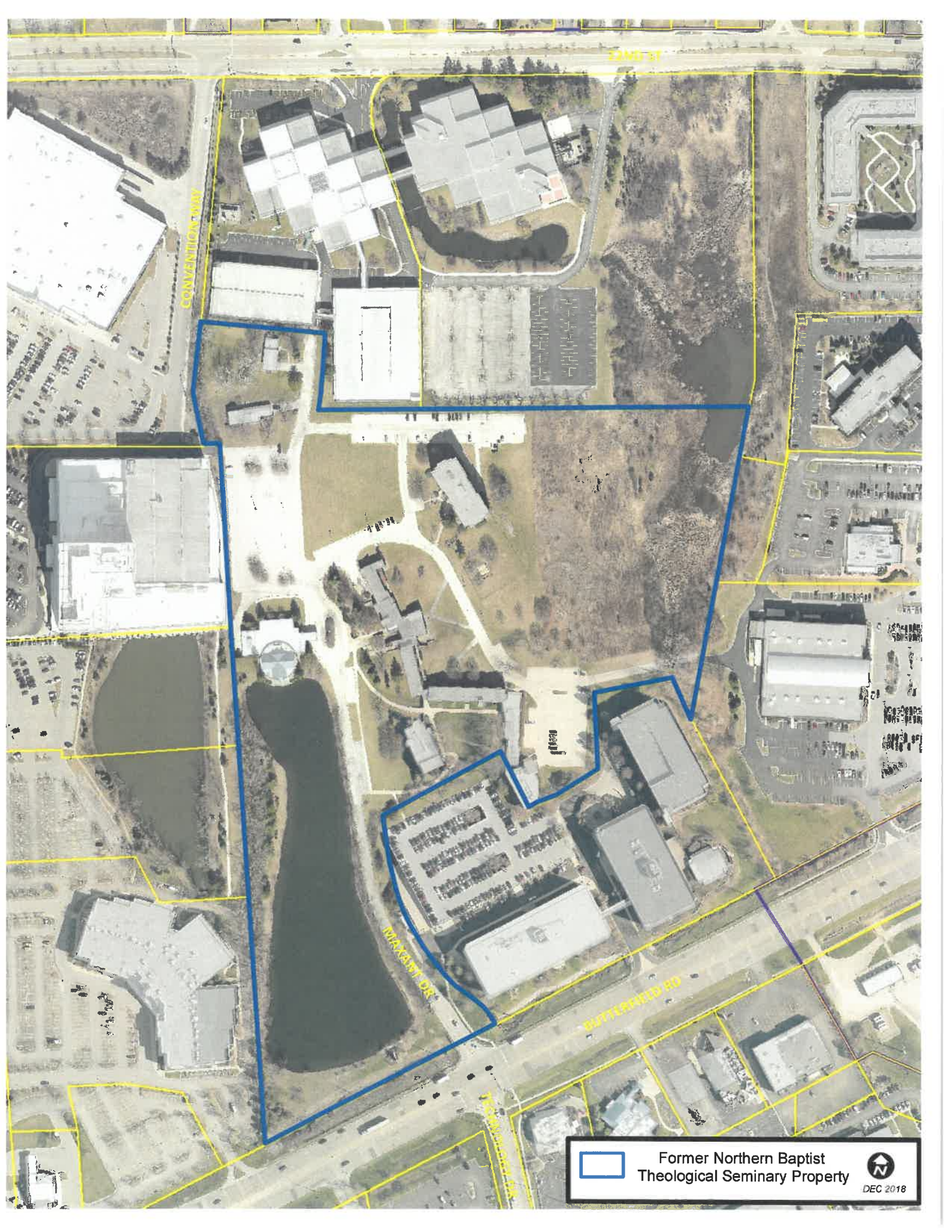
ATTEST:

Sharon Kuderna
Village Clerk

APPROVAL AS TO FORM:

Thomas P. Bayer
Village Attorney

DRAFT



PATTERSON BLVD

CONVENT ROAD

WALKER DR

PATTERSON BLVD


 Former Northern Baptist
 Theological Seminary Property



 DEC 2018

SECTION 8.0

OTHER BUSINESS

SECTION 8.1

NEW PERSONNEL INTRODUCTIONS

MEMORANDUM

TO: Executive Oversight Committee
FROM: Matt Streicher, P.E. BCEE
DATE: January 10, 2019
RE: Environmental Resources Coordinator Introduction



The Authority advertised for the Environmental Resources Coordinator position from early October 2018 until November 2, 2018. There were a total of seven applications submitted, of which three we felt were qualified to interview. The interviews were conducted in mid-November and consisted of a panel that included Julius Hansen, Laurie Frieders, Tom Romza and myself. After the interviews Ashley Staat stood out as an experienced individual that would be a good fit at GWA.

Therefore, the Village of Glen Ellyn went through the process of offering Ashley the position of Environmental Resources Coordinator for the Glenbard Wastewater Authority. Ashley agreed to the offer and started December 17, 2018.

Please refer to Ashley's bio that is attached to give you more insight to who she is and the experience she brings to the Authority.

Ashley grew up in the small town of Somonauk, Illinois. She graduated from Aurora University in 2012 with a bachelor's degree in Biology and a passion for protecting the environment and human health.

Ashley began working at Suburban laboratories in 2014 as an entry level analyst. She started in the BOD Dept analyzing wastewater and drinking water from local municipalities and industries for EPA compliance. Ashley cross-trained in the wet chemistry and metals departments throughout the lab and completed IEPA certification for microbiological testing on drinking water. In 2015, she was promoted to organics department analyst. In the organics department, she revised SOPs and ran the FOG extractor. In 2016, she began training on GC/MS instruments. At Suburban, Ashley was involved in creating a training program for new analysts and on the health and safety committee.

After working several years in environmental compliance testing, Ashley decided she would like to pursue a career in environmental management and regulation enforcement. Ashley is currently working on her Master's in Environmental Policy and Management from Denver University.

In 2017, Ashley began working at DuPage County Health Dept as an Environmental Health Specialist. She completed training and testing for her Illinois Pool Operator certification. Ashley inspected many local area restaurants, including Glen Ellyn, for food safety compliance. She was also involved in surface discharge septic permits, well sealings, and permitting temporary food events in the area.

In Ashley's spare time, she enjoys spending time outdoors fishing, hiking, camping, and roller skating. Most importantly, she enjoys spending time with her family, new baby boy, and her pets. She has three turtles and a dog.

SECTION 8.2
TECHNICAL ADVISORY
COMMITTEE UPDATES



Glenbard Wastewater Authority

945 Bemis Road Glen Ellyn, Illinois 60137
Telephone: 630-790-1901 – Fax: 630-858-8119

GWA Technical Advisory Committee (TAC) Meeting Agenda December 13, 2018 8:00am

Present: Director Goldsmith, Director Hansen, Director Streicher, Assistant Director Romza

1. Facility Plan Update

a. Odor Control Section Review

Director Streicher explained that the odor control document was received and that there was not a lot of "low hanging fruit" options for odor control in that all options were in excess of \$1 million. Director Hansen was inquiring if it is worth budgeting any of the options even if they are expensive. GWA recommended that no option be considered until the FIP project is complete as some improvements may help reduce gas production and odors. Director Goldsmith and Hansen will read the Odor Control document in the next week and contact GWA with questions to be discussed further.

2. FIP Update

a. ERS Progress

Assistant Director Romza explained the status of the raw pumping station dig, in that the third layer has been dug and bracing is being installed. There is one more dig to be completed. Mr. Romza also brought up a few disc filter issues, and the status of dewatering.

b. NPDES Stormwater Permit Update

Director Streicher added in that the EPA has not given any updates on the permits but we should be in compliance.

3. Other Business

a. Merit Increases

Director Streicher explained to Director Goldsmith that GWA is receiving \$13k in addition to the 2.75% merit pool increase due to an effort by the Village of Glen Ellyn to bring long tenured employees up to the mid-range of their salary classification. Director Goldsmith did not have any issues with this strategy and stated that he prefers to not have a hand in the merit increases of Glen Ellyn.

b. HVAC Design Update

Assistant Director Romza explained that the 30% design has been received and that review comments were given to the consultant to bring the design to 60%. Directors Goldsmith and Hansen were curious if the cost was coming in at budget, Director Streicher informed them that there will be a better feel for costs after the 60% design is completed. GWA discussed the importance of timing for the construction of this project as the weather will have an impact of working conditions when the HVAC is out of service.

c. Electrical Grid Design Update

Director Streicher explained that there was an additional MCC unit needed in the admin building to ensure redundancy of provided power, and this could be a significant increase in costs as it was not a known issue before design began. Directors Goldsmith and Hansen understood the issue and would like more details when the 60% design is received.

d. Roof Rehab Update

Assistant Director Romza informed the TAC that substantial completion of the roofing rehab project is complete but there is some sheet metal work and punch list items that still need to be finished. Mr. Romza then explained that the project is significantly past the contracted completion date and that GWA is disappointed with the work and project management of the Contractor, Adler Roofing, but happy with the persistence of the roofing consultant, Arcon. Director Hansen was curious if there is any liquidated damages GWA can demand, Mr. Romza explained that there was some physical out of scope repairs and extra work that the Authority would rather not pay for in exchange of pursuing liquidated damages.

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Director Goldsmith said that Lombard uses a company to manage roofing contracts and he can provide the contact if Arcon becomes unsatisfactory.

e. Property Acquisition Discussion

Director Streicher mentioned that he did reach out to the Village recommended appraisal contact, however, they have been playing phone tag. Director Streicher has talked to both neighboring residents to the North of GWA and both have expressed interest in selling to the Authority when they are ready to move. The owner closest to the parking lot also expressed that they are evaluating the worth of improving their house value through renovations, Director Hansen recommended that GWA emphasizes to them that we would like to purchase the parcel and renovations are not worth it. Director Streicher will continue to work to get the properties appraised. Director Hansen asked if the properties were purchased, if the fence line would be extended. GWA responded positively.

f. Manhole Inspection Proposal

Director Streicher explained that GWA and members of the Village of Lombard met with RJN Group to discuss/request a proposal for manhole scans of the sewer segments that were televised by RedZone this past year. Because GWA and Lombard jointly used RedZone this past year, it was thought to be a good idea to use RJN jointly as well. Director Goldsmith informed that Lombard has a full manhole inspection program outside of what was requested from RJN. Director Hansen inquired if GWA was looking to get all of their manhole assets inspected, or just the manholes that were involved in the RedZone televising. Assistant Director Romza explained that GWA maintains about 100 manholes and the economy of scale would be advantageous to have a proposal for all the manholes. Director Streicher confirmed that we would likely consider all the manholes to be inspected, and that this should still fit in the budgeted amount for 2019. Director Hansen then asked if the interceptor manholes take on water in the floodplains. GWA responded that it is currently uncertain, but bolted covers is likely a solution over raising the manholes.

g. Personnel

i. Frieders Retirement/New Hire

Director Streicher informed the TAC that the New Hire, Ashley Staat, will be starting on December 17th, and that Laurie will be a part-time trainer for Ashley through the end of January, at least. Directors Goldsmith and Hansen were pleased and look forward to meeting Ashley.

h. Cell Tower Proposal

Director Streicher asked the proper way to get the cell tower proposal approved once it is finalized. Director Hansen informed that the EOC needs to approve it and that Mr. Streicher should bring an amendment of the proposal to an EOC meeting. Director Streicher agreed, and informed that the proposal is currently for an additional \$1,800/month.

i. "Strategic Planning Session for overall policy goals to determine if it makes financial sense to pursue working toward Net Zero at GWA."

Director Hansen commented that it seems that most green initiatives in the wastewater treatment industry do not have a strong return on investment and that the goal should be "well run, efficiency" at GWA. Any Green initiatives will be evaluated by GWA and the EOC on a case by case basis. Director Hansen also suggested it might be a good idea to have a simple policy that if the RoI is not under X amount of years, it is not even brought to the EOC.

j. Low Flow SOP

Director Streicher informed the TAC that the Low Flow SOP, to reduce any odors caused by Low Flow Conditions, has been posted on the GWA website.

k. Arcon/Roofing Consultant

As discussed in "d" GWA emphasized that Arcon has been a great consultant to this point.

l. FOG PR

Director Streicher asked if GWA could use Lombard's PR to update the Authorities. Director Goldsmith agreed and will provide information.

m. 2019 Renewals for EOC

Director Streicher informed the TAC that there are several multi-year contracts that will expire near the end of 2019 and will need to be renewed before the expiration. These contracts include chemicals for CSO, lab services, grease standards, flow monitoring, etc...Director Hansen said that several of them can be approved on consent agenda with the EOC if nothing changes, but should be brought to the TAC first.

4. Old Business

a. Pretreatment Ordinance Status/Village of Glen Ellyn FOG



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Director Hansen informed that they want to wait until things are finalized before the Village of Glen Ellyn adopts any ordinance. Director Goldsmith said he would like to see the review comments from USEPA after we've had the opportunity to address them

- b. Forest Preserve County of DuPage Easement Leases

Director Hansen informed that the ball is in the Village of Glen Ellyn's hands, and they will be working with the Forest Preserve shortly.

- c. Discussion pertaining to future development of IGA Language for GWA Interceptor vs Village's Collection Systems start and stop points.
 - i. VGE – Chidester vs St. Charles Rd. Lift Station
 - ii. VOL – L22 vs Junction Chamber
 - iii. CSO Regulators and lines between the regulators to the facility
 - iv. Any others that can be added

No Discussion

Meeting adjourned ~9:30am

SECTION 8.3

PENDING AGENDA ITEMS



Glenbard Wastewater Authority

21W551 Bemis Road Glen Ellyn, Illinois 60137

Telephone: 630-790-1901 – Fax: 630-858-8119

2019 Pending EOC Agenda Items

Projects	Budget	Date	Status
Capital Improvement Projects			
Electrical Service Distribution System Construction/Engineering	\$2,600,000	March	
Admin Building HVAC Construction	\$1,000,000	April	
Roof Rehabilitation	\$144,000	March	
Infrastructure Improvement			
Dewatering Building GBT Room & Truck Bay AHU Replacement	\$50,000	March/April	
Plant Fiber Testing & Repairs	\$30,000	TBD	
HSW Improvements Modifications	\$25,000	TBD	
Equipment Rehabilitation			
Overhead Door Safety Bumper Replacements	\$30,000	June	
Screw Pump Rehab	\$45,000	TBD	
CHP Siloxane and Hydrogen Sulfide Media Replacement	\$50,000	TBD	
Moyno Pumps (10) Spare Parts	\$25,000	Ongoing	
Televising & Cleaning of NRI & SRI, and MH's	\$100,000	April	
Gravity Thickener Bridge & Mechanism Painting	\$40,000	TBD	
CSO Grit Chamber Rehabilitation	\$30,000	TBD	
SRI Pump Station Concrete Lining	\$50,000	TBD	

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Rolling Stock			
None			
Administrative			
Forest Preserve Easement License Costs for NRI	\$150,000	TBD	Under VOG E Review
Pretreatment Ordinance Recommendation	-----	February	Under USEPA Review

SECITON 8.4

EXECUTIVE OVERSIGHT COMMITTEE - 2019 MEETING SCHEDULE



Glenbard Wastewater Authority

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EXECUTIVE OVERSIGHT COMMITTEE 2019 MEETING SCHEDULE

January 10, 2019

February 14, 2019

March 14, 2019

April 11, 2019

May 9, 2019

June 13, 2019

July 11, 2019

August 8, 2019

September 12, 2019

October 11, 2019

November 14, 2019

Annual GWA Full Board Meeting
TBD

December 12, 2019

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SECTION 9.0

NEXT EOC MEETING

THURSDAY

FEBRUARY 14, 2019

AT 8:00 A.M.