

GLENBARD WASTEWATER AUTHORITY
Executive Oversight Committee
Agenda

July 11, 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 the months of June 2019 totaling \$353,900 (Trustee Christiansen).

- 5.1 Executive Oversight Committee Meeting Minutes:
June 13, 2019 EOC Meeting
- 5.2 Vouchers Previously Reviewed by: Trustee Christiansen
June 2019
6. CY2018 Financial Audit Report

Attached is the Annual Audited Financial Statements for the Glenbard Wastewater Authority for the fiscal year that ended December 31, 2018. Financial highlights for the Authority's fiscal year 2018 (FY2018) are presented on pages 10-11 of the report. A complete narrative summary of the Authority's operations and financial position is found in Management's Discussion and Analysis on pages 9-19. Village of Glen Ellyn Finance Director Christina Coyle will present highlights of the financial report during the EOC meeting and our audit partner, Jamie Wilkey, will present the auditor's opinion.

Motion to accept the Audited Financial Statements of the Glenbard Wastewater Authority for the fiscal year ended December 31, 2018 and to forward the audit report to the full Authority Board for final approval at the next annual meeting.

Motion to distribute the operating surplus of \$449,410 in a manner determined by the Executive Oversight Committee.

7. 2019 Roofing Project

In 2017, GWA sought an evaluation of all the roofing systems on plant grounds and lift stations. Many of the roofs are original to the late 1970's and far past their useful life. While some of the roofs are still in decent condition, many are already failing, or on the verge of failing. GWA took the 2017 evaluation and developed an annual roof rehabilitation program over the next 15 years in effort to spread out the costs of rehabilitating every Authority roof asset.

The roof rehabilitation plan for 2019 is to replace the failing roof of Building O and the shingled roof of Building Z. In May 2019 Authority staff and the roofing consultant, Arcon, developed and sent out a public request for qualifications and proposals for the rehabilitation of the roofs of buildings O (UV building) and Z (SRI lift station). Nine (9) proposals were received, with Elens & Maichin Roofing being the low bid. The bids ranged from the low of \$136,300 to the high of \$184,950 (bid tabulation attached).

Therefore, after discussion with the TAC, it is recommended the EOC award Elens & Maichin Roofing & Sheet Metal, Inc the 2019 Buildings O and Z Roof Rehabilitation project in the amount not to exceed **\$136,300**. If approved, this amount will be taken out of the designated amount in CY2019 Approved Budget, Fund 40 580180 Capital Improvements Projects.

8. Discussion

- 8.1 Facility Improvement Project Update
- 8.2 CY2020 Budget
- 8.3 NACWA Platinum Award

9. Other Business

- 9.1 Technical Advisory Committee Updates
- 9.2 Pending Agenda Items

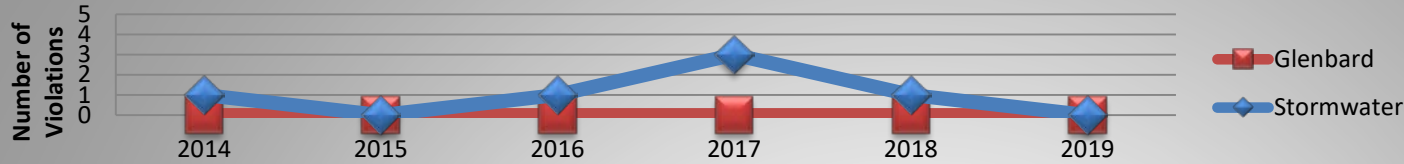
10. ***Next EOC Meeting*** – The next regularly scheduled EOC Meeting is set for ***Thursday, August 8, 2019 at 8:00 a.m. in the Conference Room at the Glenbard Wastewater Authority, 945 Bemis Road, Glen Ellyn, IL 60137***

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

Motion the EOC to adjourn to Executive Session for the purposes of discussing threatened or pending litigation between the Glenbard Wastewater Authority and Boller Construction, Inc. The EOC will not be returning to open session after adjournment of the Executive Session.

Executive Session Materials to be provided under separate cover.

NPDES Permit Violations



Glenbard Plant: *Current Record

2337 Days February 4, 2013 through June 30, 2019

Previous excursion free operating record:

1058 Days September 8, 2007 – April 10, 2010

Stormwater Facility:

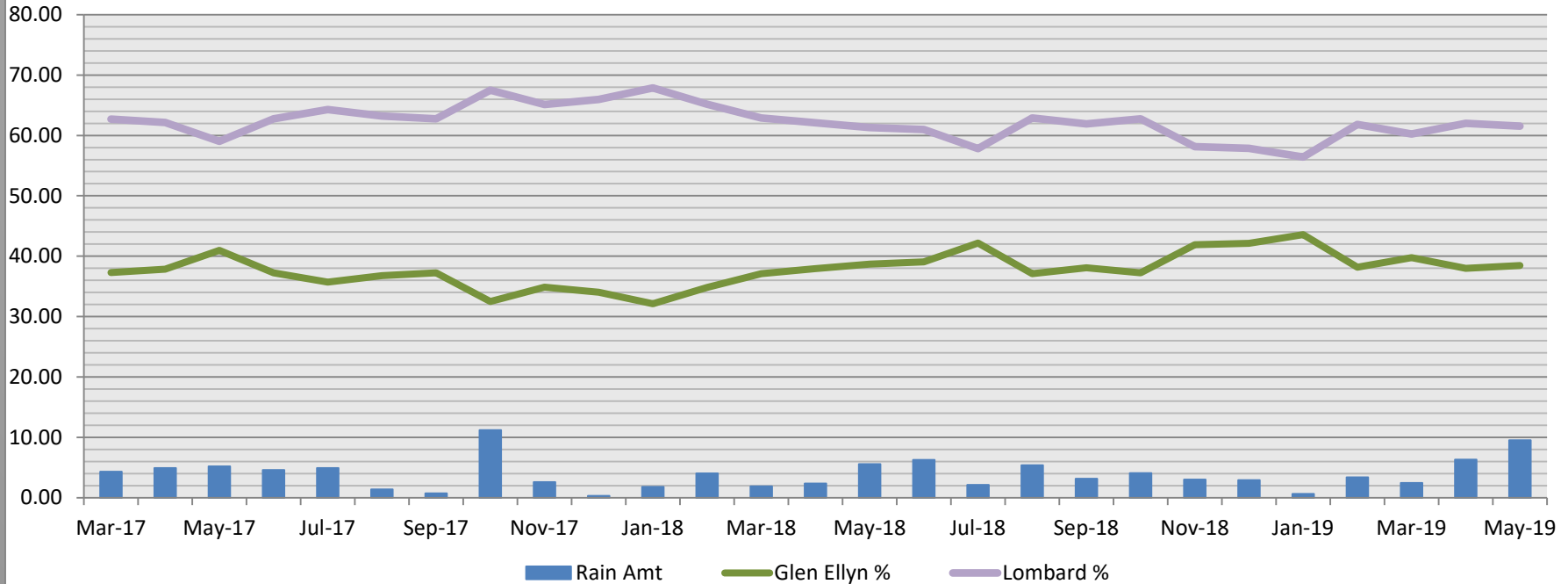
441 Days April 15, 2018 through June 30, 2019

Current excursion free operating record:

1140 Days July 11, 2009 through August 27, 2012



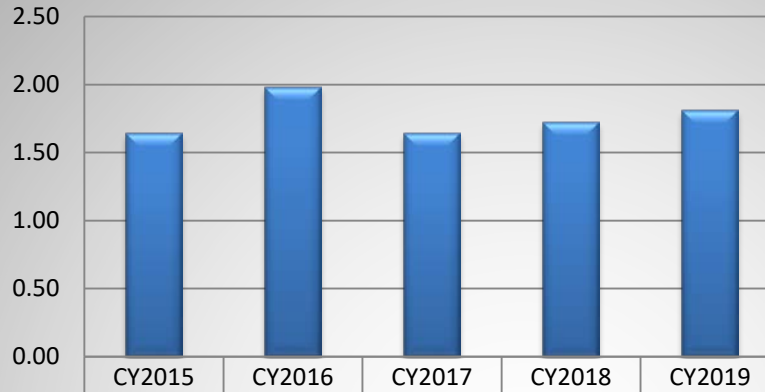
Flow Billing Comparison



	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	Dec-18	Jan-19	Feb-19	Mar-19	Apr-19	May-19
Glen Ellyn %	37.31	37.86	40.97	37.23	35.71	36.771	37.26	32.52	34.89	34.0359	32.1375	34.8096	37.099	37.9253	38.7104	39.0417	42.1798	37.1218	38.0773	37.2679	41.8807	42.139	43.5669	38.1926	39.7689	37.9926	38.464
Lombard %	62.69	62.14	59.03	62.77	64.29	63.229	62.74	67.48	65.11	65.9641	67.8625	65.1904	62.901	62.0747	61.2896	60.9583	57.8202	62.8782	61.9227	62.7321	58.1193	57.861	56.4331	61.8074	60.2311	62.0074	61.535
Rain Amt	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	2.915	0.66	3.385	2.48	6.33	9.545



Billion Gallons Treated Per Year as of May 31, 2019



■ Billion Gallons Treated Per Year as of May 31, 2019

CY2015	CY2016	CY2017	CY2018	CY2019
1.64	1.98	1.64	1.72	1.81

Total Rainfall in Inches as of May 31, 2019



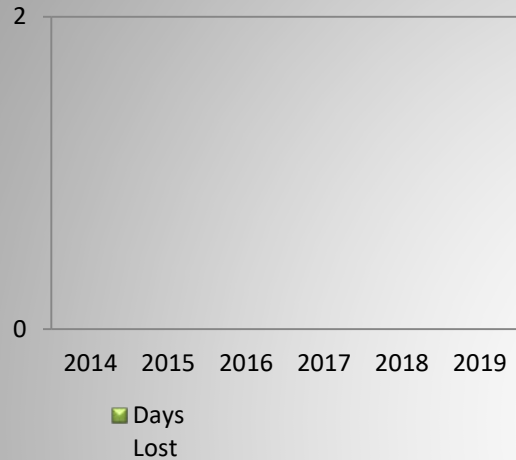
■ Total Rainfall in Inches as of May 31, 2019

CY2015	CY2016	CY2017	CY2018	CY2019
11	16.51	16.61	15.8	22.4

The Authority Key Performance Indicators Regarding Safety and Neighborhood Impacts

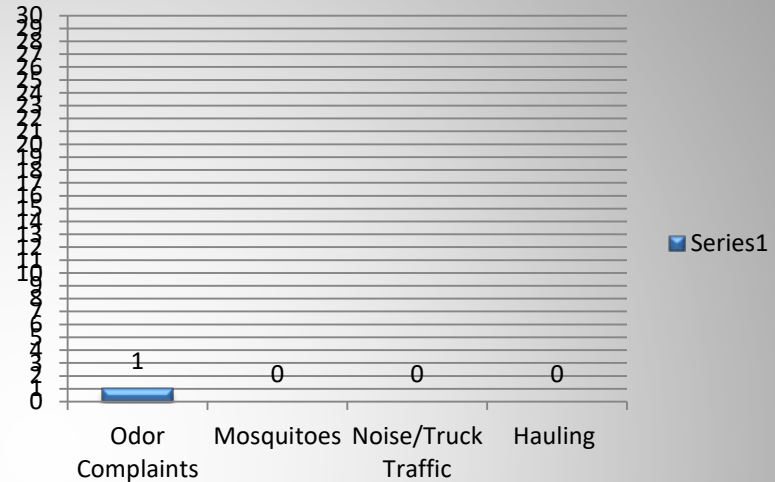


Injuries + Lost Time

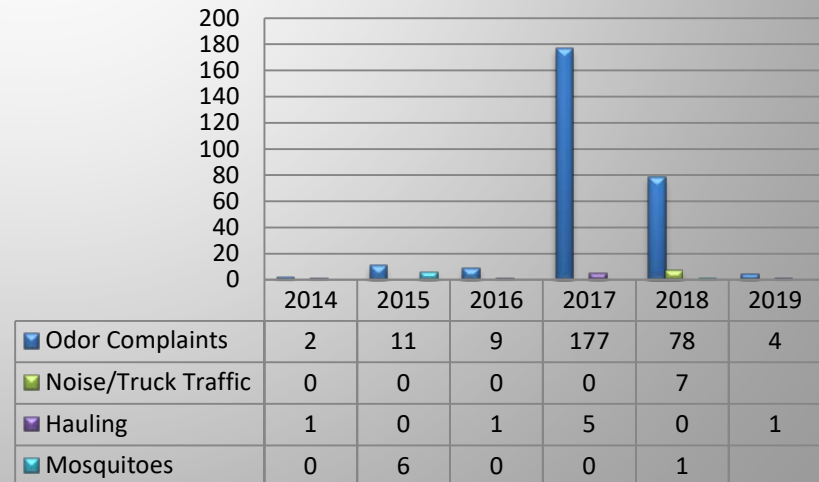


Years	2014	2015	2016	2017	2018	2019
Injuries	0	0	0	0	0	0
Days Lost	0	0	0	0	0	0

June 2019 Complaints

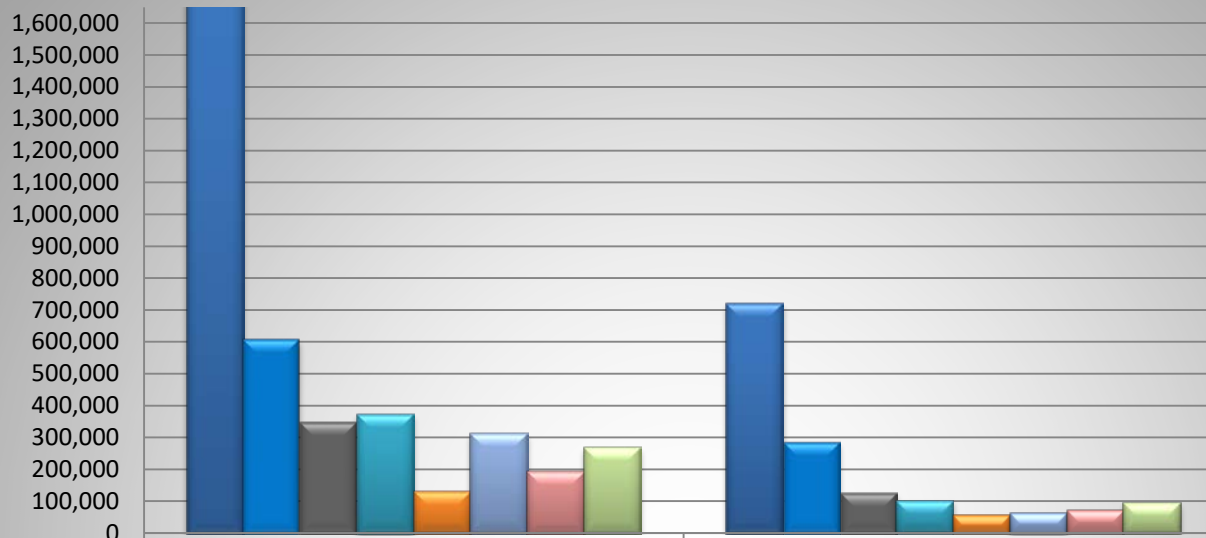


Annual Complaint Comparison





May 2019 O&M Expense \$ Reporting

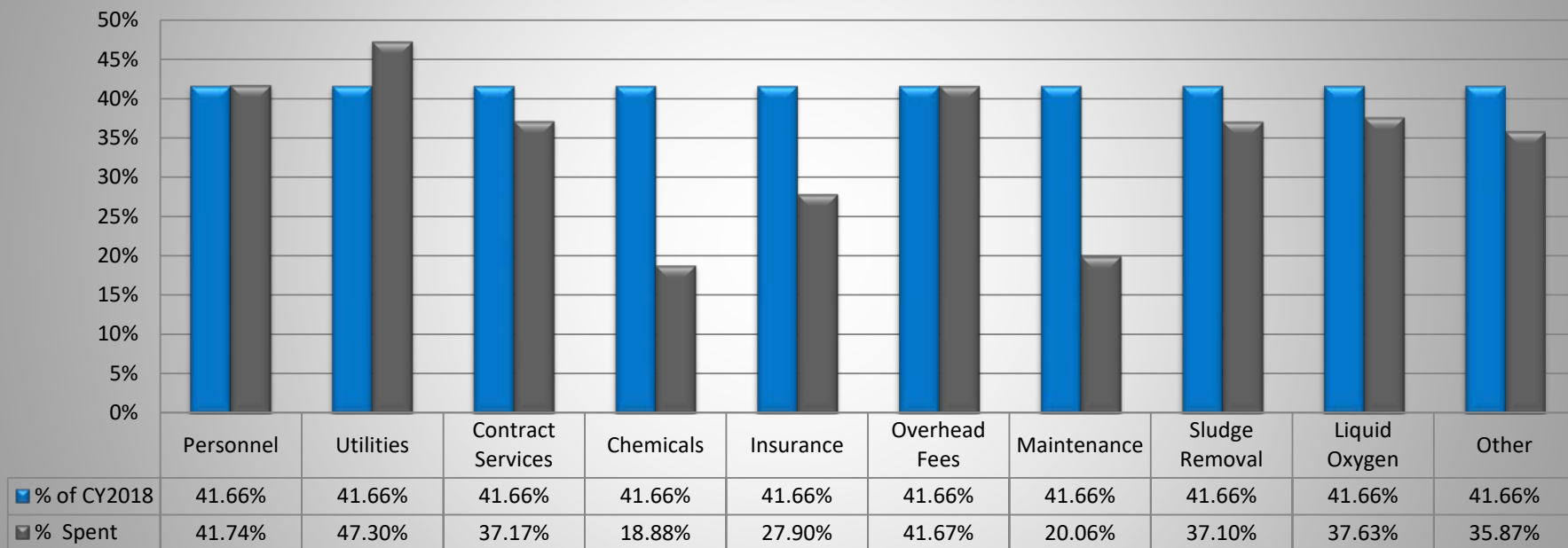


	CY2019 Budget	Spent Year to Date
Personnel	\$1,725,690	\$720,339
Utilities	\$607,800	\$287,499
Contract Services	\$345,950	\$128,595
Insurance	\$373,100	\$104,094
Overhead Fees	\$131,725	\$54,886
Maintenance	\$313,575	\$62,909
Sludge Removal	\$195,000	\$72,352
Other	\$268,100	\$96,180

	Personnel	Utilities	Contract Services	Chemicals	Insurance	Overhead Fees	Maintenance	Sludge Removal	Liquid Oxygen	Other
CY2019 Budget	\$1,725,690	\$607,800	\$345,950	\$140,000	\$373,100	\$131,725	\$313,575	\$195,000	\$345,000	\$268,100
Spent Year to Date	\$720,339	\$287,499	\$128,595	\$26,427	\$104,094	\$54,886	\$62,909	\$72,352	\$129,826	\$96,180
% of CY2018	42%	42%	42%	42%	42%	42%	42%	42%	42%	42%
% Spent	41.74%	47.30%	37.17%	18.88%	27.90%	41.67%	20.06%	37.10%	37.63%	35.87%

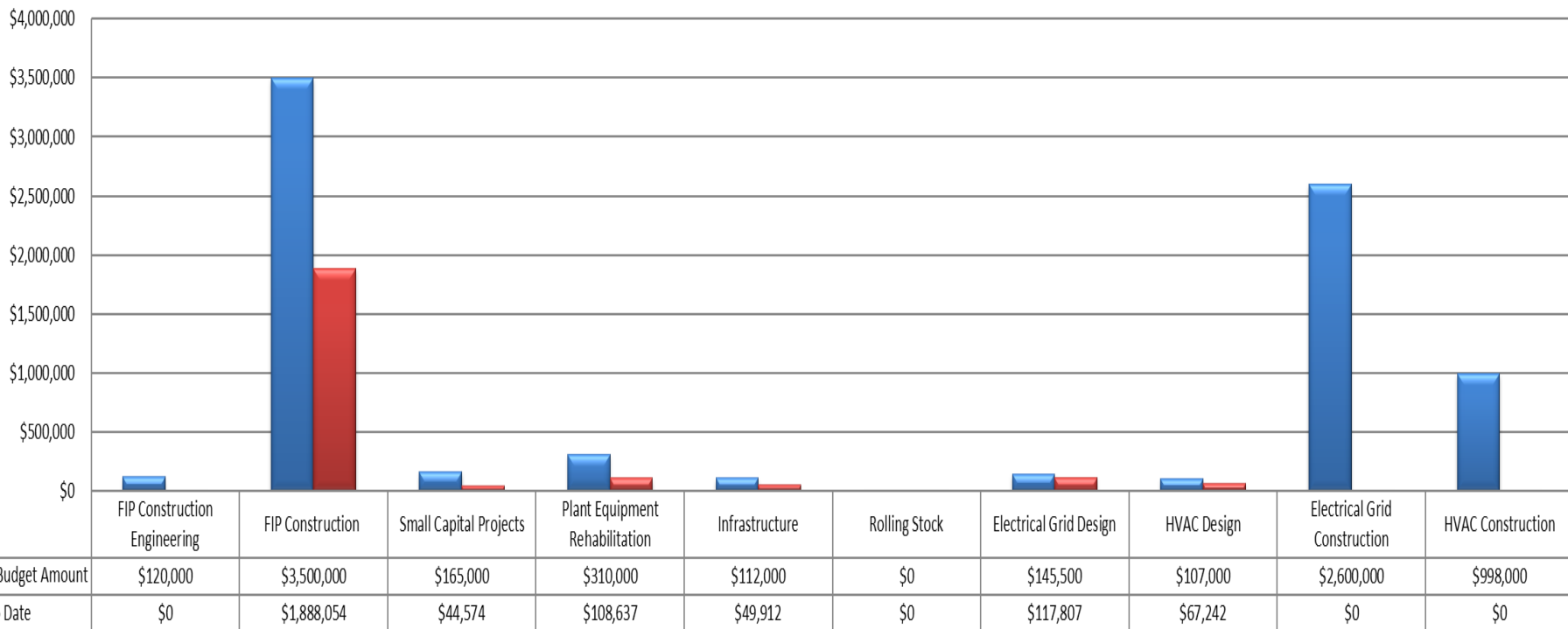


May 2019 O&M Expense % Reporting





June 2019 Project Updates





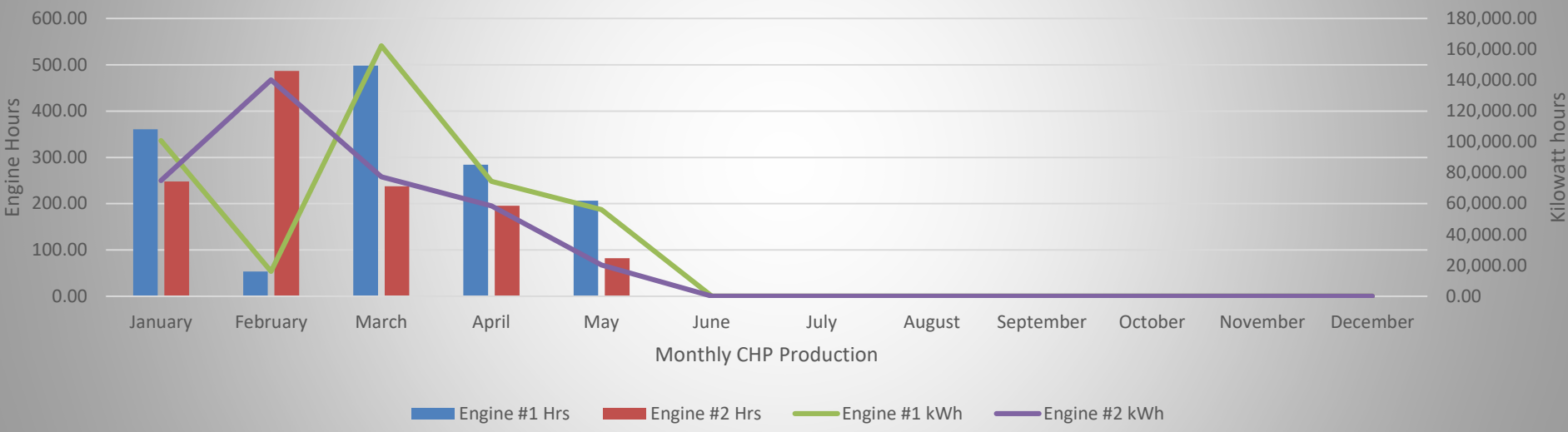
June 2019 Project Updates

Description	Project Budget Amount	Spent to Date	October Updates
FIP Construction Engineering	\$120,000	\$0	Through June 15, 2019 (No Contract Yet)
FIP Construction	\$3,500,000	\$1,888,054	Through June 15, 2019 (Only \$660,174 paid out)
Small Capital Projects	\$165,000	\$44,574	Through June 15, 2019
Plant Equipment Rehabilitation	\$310,000	\$108,637	Through June 15, 2019
Infrastructure	\$112,000	\$49,912	Through June 15, 2019
Rolling Stock	\$0	\$0	Through June 15, 2019
Electrical Grid Design	\$145,500	\$117,807	Through June 15, 2019 (\$250K budgeted)
HVAC Design	\$107,000	\$67,242	Through June 15, 2019 (\$75K budgeted)
Electrical Grid Construction	\$2,600,000	\$0	Through June 15, 2019
HVAC Construction	\$998,000	\$0	Through June 15, 2019



Combined Heat & Power Production Report

Road to Net Zero



Monthly CHP Production 2019 = \$0.06/kWh

	Engine #1 Hrs	Engine #1 Avail Hrs	Engine #2 Hrs	Engine #2 Avail Hrs	Engine #1 kWh	Engine #1 Avail kWh	Engine #2 kWh	Engine #2 Avail kWh	\$ Saved
January	360.50	744	247.80	744	100,844.00	279,000	74,967.00	279,000	\$10,649.60
February	53.50	672	486.79	672	16,171.00	252,000	140,195.00	252,000	\$9,471.73
March	498.20	744	237.80	744	162,414.00	279,000	77,345.00	279,000	\$14,523.19
April	283.90	720	195.80	720	74,474.00	270,000	58,501.60	270,000	\$8,054.88
May	206.50	744	82.30	744	56,219.00	279,000	20,184.00	279,000	\$4,628.04

Return on Investment Monetary Breakdown



	<i>HSW/FOG Gallons Received</i>	<i>HSW Tipping Fees</i>	<i>Elec Energy Produced @ \$0.11/kWh</i>	<i>Maintenance Costs</i>	<i>Total + or -</i>	<i>Target to meet 8.8 Year Repayment Schedule</i>	<i>Hit + or Miss -</i>
Calendar Year 2018							
January	0	\$0.00	\$601.51	\$0.00	\$601.51	\$33,337.95	(32,736.44)
February	0	\$0.00	\$1,001.78	\$0.00	\$1,001.78	\$33,337.95	(32,336.17)
March	0	\$0.00	\$466.46	\$0.00	\$466.46	\$33,337.95	(32,871.50)
April	0	\$0.00	\$658.38	\$0.00	\$658.38	\$33,337.95	(32,679.58)
May	63,882	\$3,244.10	\$5,567.44	\$0.00	\$8,811.54	\$33,337.95	(24,526.42)
June	44,500	\$2,250.00	\$7,780.57	(\$774.09)	\$9,256.48	\$33,337.95	(24,081.48)
July	50,500	\$2,525.00	\$12,404.30	(\$1,431.64)	\$13,497.66	\$33,337.95	(19,840.30)
August	65,900	\$3,295.00	\$6,162.00	(\$232.71)	\$9,224.29	\$33,337.95	(24,113.67)
September	30,400	\$1,520.00	\$7,989.88	(\$898.81)	\$8,611.07	\$33,337.95	(24,726.89)
October	38,100	\$1,905.00	\$5,929.54	(\$652.88)	\$7,181.66	\$33,337.95	(26,156.30)
November	77,873	\$3,893.65	\$10,399.19	(\$125.00)	\$14,167.84	\$33,337.95	(19,170.11)
December	96,222	\$4,811.10	\$11,337.00	(\$3.83)	\$16,144.27	\$33,337.95	(17,193.68)
Annual Totals	467,377	\$23,443.85	\$70,298.04	(\$4,118.96)	\$89,622.93		
Repayment Balance	\$3,520,487.96						
Annual Payback on Investment	\$207,760.80	← Average Since Inception					
Current Return on Investment in Years	16.9						
	<i>HSW/FOG Gallons Received</i>	<i>HSW Tipping Fees</i>	<i>Elec Energy Produced @ \$0.06/kWh</i>	<i>Maintenance Costs</i>	<i>Total + or -</i>	<i>Target to meet 8.8 Year Repayment Schedule</i>	<i>Hit + or Miss -</i>
Calendar Year 2019							
January	83,875	\$4,193.75	\$10,649.60	(\$895.00)	\$13,948.35	\$33,337.95	(19,389.61)
February	104,450	\$5,222.50	\$9,471.73	(\$1,015.00)	\$13,679.23	\$33,337.95	(19,658.72)
March	172,115	\$8,605.75	\$14,523.19	(\$560.00)	\$22,568.94	\$33,337.95	(10,769.01)
April	151,990	\$7,599.50	\$8,054.88	(\$1,688.00)	\$13,966.38	\$33,337.95	(19,371.57)
May	166,920	\$8,346.00	\$4,628.04	(\$3,145.00)	\$9,829.04	\$33,337.95	(23,508.91)
June	0	\$0.00	\$0.00	\$0.00	\$0.00	\$33,337.95	(33,337.95)
July	0	\$0.00	\$0.00	\$0.00	\$0.00	\$33,337.95	(33,337.95)
August	0	\$0.00	\$0.00	\$0.00	\$0.00	\$33,337.95	(33,337.95)
September	0	\$0.00	\$0.00	\$0.00	\$0.00	\$33,337.95	(33,337.95)
October	0	\$0.00	\$0.00	\$0.00	\$0.00	\$33,337.95	(33,337.95)
November	0	\$0.00	\$0.00	\$0.00	\$0.00	\$33,337.95	(33,337.95)
December	0	\$0.00	\$0.00	\$0.00	\$0.00	\$33,337.95	(33,337.95)
Annual Totals	679,350	\$33,967.50	\$47,327.44	(\$7,303.00)	\$73,991.94		
Repayment Balance	\$3,356,873.09						
Annual Payback on Investment	\$218,735.70	← Average Since Inception					
Current Return on Investment in Years	15.3						

SECTION 5.0

CONSENT AGENDA

SECTION 5.1

**MINUTES FROM THE
JUNE 13, 2019
MEETING**

GLENBARD WASTEWATER AUTHORITY
Executive Oversight Committee
Minutes
June 13, 2019
Meeting held at the Glenbard Wastewater Plant
945 Bemis Road, Glen Ellyn, IL

Members Present:

Diane McGinley	President, Village of Glen Ellyn
Keith Giagnorio	President, Village of Lombard
Kelli Christiansen	Trustee, Village of Glen Ellyn
Mark Franz	Village Manager, Village of Glen Ellyn
Scott Niehaus	Village Manager, Village of Lombard
Julius Hansen	Public Works Director, Village of Glen Ellyn
Carl Goldsmith	Public Works Director, Village of Lombard

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
Ashley Staat	Environmental Resources Coordinator, GWA
Christina Coyle	Finance Director, Village of Glen Ellyn
Gayle Lendabarker	Administrative Secretary, GWA

1. Call to Order at 8:00 a.m.
2. Roll Call: President McGinley, President Giagnorio, Trustee Christiansen, Mr. Franz, Mr. Niehaus, Mr. Hansen and Mr. Goldsmith answered "Present". Trustee Ware was excused. President McGinley welcomed new the new Trustee representative from the Village of Glen Ellyn, Kelli Christiansen.
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 April 2019 and May 2019 \$2,182,662.09 (Trustee Christiansen).

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

EOC Meeting/June 2019
Minutes

- 5.1 Executive Oversight Committee Meeting Minutes:
 - o April 11, 2019 EOC Meeting
- 5.2 Vouchers previously reviewed by Trustee Christiansen
 - o April 2019 and May 2019
- 5.3 Polymer Supplier Approval

The Authority uses a polymer to help coagulate digested sludge during the dewatering process, as is typical in wastewater treatment. The purpose of the polymer is to help yield greater percent solids in the biosolids materials, and therefore relieves significant hauling costs. Since the amount of polymer used is dependent on how much sludge is produced, the quality of the sludge, as well as the amount of sludge dewatered – pricing for polymer is obtained on a dollar per pound basis. Approximately \$20,000-\$40,000 of polymer is used per year, and is budgeted for appropriately in the “270-530440 Chemicals” budget line.

The Operations Staff would like to request purchasing polymer from Polydyne at a cost of \$1.13 per pound from our current polymer supplier Polydyne. We have used Polydyne for years without any major issues of their product or delivery services.

Mr. Niehaus wanted it noted that the rolling average for chemicals over the last five (5) years has been approximately \$42,000 and the number fluctuates based on operational variabilities.

6. 2019 Facility Plan Study Presentation

Trotter & Associates, Inc. (TAI) was selected to perform the 2018 Facility Plan and worked on its development throughout the 2018 calendar year. Due to a shift in the scope during the summer of 2018 to focus on odor control, the overall study duration was extended, and was completed in early 2019.

Attached is an executive summary of the Facility Plan provided by TAI, along with a power point presentation going over the report.

Mr. Streicher highlighted key points from the 2018 Facility Plan that had been completed by Trotter & Associates during a PowerPoint presentation to the EOC Committee.

Mr. Streicher noted that if GWA needed to seek funding for any projects within the next few years, this Facility plan has to be submitted and filed with the IEPA, which was part of the scope included by Trotter & Associates.

Mr. Goldsmith stated that the EOC Committee should probably have a motion and approval on record to accept the 2018 Facilities plan since it is mandated that a facilities plan be completed every five (5) years in the IGA.

Mr. Franz motioned and Mr. Goldsmith seconded the motion to accept the 2018 Facility Plan as prepared by Trotter & Associates. President McGinley, President Giagnorio, Trustee Christiansen, Nr. Niehaus, Mr. Franz, Mr. Goldsmith, and Mr. Hansen responded “Aye” during a roll vote.

7. Admin HVAC Construction Contract

The Authorities present HVAC system/equipment consists primarily of two main air handlers (one supply, one return), an inline electric duct heater which tempers the fresh air supply and provides additional heat during colder periods, an outdoor redundant reciprocal chiller package with interior located glycol cooling coil, variable air volume's (VAV's) & electric baseboard heaters controlled by pneumatic thermostats located in each office, along with numerous exhaust fans. The existing control system is pneumatic and requires manual intervention for seasonal changes with no external alarming or control. Outside of the chiller package and duct heater, which were replaced in 1994, the remainder of the equipment has been in operation since the 1977 plant improvement. Although the HVAC system in place is not in extreme imminent danger of failing, it is beyond its predicted life and would become an emergency if it fails. This design work evaluated different types of technology to replace the existing system with, taking into account any return on investment by using more “green” methods. The complete design took nearly a year to complete, and had an engineer's estimate of \$1.35M.

The Authority held a public bid opening May 24, 2019 at 1pm for the construction contract. Two sets of bids were submitted, with a low bid of \$998,000, submitted by Amber Mechanical, Inc. Please see the attached bid tabulation for a full list of bidders and amounts. The Authority's consultant reviewed the bid proposal and reference checks were made. The engineers estimate for this project was \$1.247M.

Therefore, after discussion with the TAC, it is recommended the EOC award Amber Mechanical, Inc. the 2019 Administration Building HVAC Rehabilitation Construction in the amount not to exceed **\$998,000**. If approved, this amount will be taken out of the designated amount in CY2019 Approved Budget, Fund 40 580180 Capital Improvements Projects, which is currently budgeted at \$1,000,000.

Mr. Romza indicated that while Amber Mechanical is not a company familiar to GWA, the responses from the references they provided were very positive and that when staff asked a competing mechanical contractor who has done projects in the past for the Authority about the Amber, the response was positive; Mr. Romza indicated that a majority of Amber Mechanical's past work has been on schools/municipal clients with a wide range of contract from \$50,000 to \$5 million dollars.

Mr. Franz motioned and Mr. Niehaus seconded the motion to approve awarding the 2019 Administration Building HVAC Rehabilitation Construction project to Amber Mechanical for the not to exceed amount of \$998,000 to be charged to Capital Improvement Fund 40-580180 in the 2019 Approved Budget. President McGinley, President Giagnorio, Trustee Christiansen, Mr. Franz, Mr. Niehaus, Mr. Hansen and Mr. Goldsmith responded "Aye" during a roll vote. The motion carried.

8. Admin HVAC Construction Engineering Contract

In February 2018 Authority staff developed and sent out a request for qualifications and technical proposals to our six shortlisted professional consulting firms for the 2018 Administration Building HVAC Rehabilitation Design. The proposals were received and Strand Associates Inc. was selected for this project. This design was recently completed, and in a previous EOC agenda item, the Authority requested approval of the construction contract.

Due to the anticipated award of the construction contract, a proposal for construction engineering was requested from Strand Associates Inc. As stated in the Authority's professional engineering services policy, since Strand Associates Inc. provided satisfactory work in design (Phase 1), a request for a proposal for construction engineering services was sent only to Strand. Through negotiations, the Authority was able to agree on a scope of services that reduced the cost of the contract from approximately \$125,000 down to \$64,000, which is 4.7% of the estimated construction cost.

Therefore, after discussion with the TAC, it is recommended the EOC approve the amendment with Strand Associates, Inc. to increase the Administration Building HVAC Rehabilitation Engineering Contract **\$64,000** to include Construction Engineering. The amendment increases the overall contract from \$107,000 to \$171,000, and extends its anticipated completion to June 20, 2020. If approved, this amount will be taken out of the designated amount in CY2019 Approved Budget, Fund 40 580180 Capital Improvements Projects, which is currently budgeted at \$1,000,000.

Mr. Romza indicated that as Strand Associates did the design work, staff felt it is important to retain Strand Associates for some of the construction oversight services. Mr. Streicher advised that Strand's responsibilities will mainly be administrative by assisting with submittals, shop drawing reviews, verifying the correct equipment is being installed, etc. and Rick Freeman and his team will be watching over the work of the contractors; while GWA budgeted \$1 million dollars for this project and between the construction and total engineering costs the project will be slightly over budget, there are other projects in the capital plan that have come in under budget to help offset this project exceeding the budgeted amount.

Mr. Goldsmith motioned and Mr. Franz seconded the motion to approve the amendment to Strand Associates' 2019 Administration Building HVAC Rehabilitation Engineering contract by \$64,000 to include Construction Engineering services increasing the current contract from \$107,000 to \$171,000 and extends the anticipated completed date to June 20, 2020. President McGinley, President Giagnorio, Trustee Christiansen, Mr. Franz, Mr. Niehaus, Mr. Hansen and Mr. Goldsmith responded "Aye" during a roll vote. The motion carried.

9. Discussion

9.1 Facility Improvement Project Update

Mr. Romza indicated that the project has encountered another set back due to the ERS system that was used to hold sheeting in place is preventing the pouring of the walls. Boller and Black & Veatch have been trying to come to a resolution that is agreeable to both parties. Mr. Romza indicated that the Authority has sent a letter indicating that GWA will not pay for dewatering costs while there is no work being performed on the project.

Mr. Streicher indicated that the dewatering costs are an issue as there has been no documentation provided demonstrating costs, or for verifying the gallons being pumped. This has been requested from the contractor numerous times with no responses.

President McGinley asked for a reminder as to why we have not kicked Boller off the project. Mr. Niehaus indicated that by pulling their bond, the surety company would then make the decision on the replacement contractor which is not something GWA wants to risk at this point, and that it is still in the best interests of the Authority not to pull them from the job.

President McGinley asked if anyone higher up at Boller has been made aware of the issues. Mr. Niehaus and Mr. Franz both indicated that the owner of Boller is well aware of the situation and steps are being taken to get the issues addressed.

Mr. Franz asked if other than this particular of the project if Boller is completing all other work. Mr. Romza indicated that they are working on punch list items in the disc filter building, slowly, but surely.

Trustee Christiansen asked if the EOC Committee would be required to approve any final resolution. Mr. Niehaus indicated that only if there is a monetary change order to the overall contract, otherwise Black & Veatch would be approving any resolutions after getting feedback from GWA staff.

Tom Romza also advised that there will most likely be change order coming with regards to the upgrading of the chemical pumps for disinfecting the non-potable plant water, as the ones that were called for in the project scope are undersized and cannot perform as needed. Mr. Streicher indicated that the issue with the pumps is a design flaw by Black & Veatch based on a note from a consultation where it was supposedly stated by GWA staff that the pipe would no longer be under a high-pressure load, so they designed the system with smaller pumps; therefore, they would not be held liable for the costs as they would be able to point to the fact that GWA would be incurring the higher costs if the design had originally called for the larger pumps anyways.

Mr. Goldsmith asked if GWA was at a point that if no progress had been made within the next 45 days, would be make sense to pull the surety and terminate Boller from the project. Mr. Streicher indicated that at this time the plant is able to operate at needed and as all of the equipment has already been purchased, it does not seem logical. Terminating Boller may only increase the project duration significantly

9.2 High Strength Waste Tipping Fees

Mr. Streicher indicated that Ashley Staat, the Environmental Resources Coordinator, had been approached by a hauler that wants to bring in a higher volume of waste throughout the week, but wants a lower rate. Mr. Streicher indicated that the vendor had indicated the potential for steady FOG deliveries of 20,000 to 25,000 gallons per week. Mr. Streicher indicated that the Authority proposes an agreement to the lower tipping fee should be combined with a stipulation that vendor will be billed for a weekly minimum of 15,000 gallons per week, even if the deliveries do not equal 15,000 gallons as GWA could see a loss of revenue if other vendors are turned away in anticipation of being near the daily intake maximum per the SOP's.

Mr. Franz asked what the term of the contract was. Mr. Niehaus advised it is a sixty (60) trial to start. Mr. Streicher added that there would be no "term" as it could create problems if, for some reason, GWA had to cease taking in FOG. Mr. Niehaus recommended a clause indicating that a 30 or 45-day prior notice by either party prior to ceasing deliveries to GWA should be included in the agreement. Mr. Streicher indicated that the trial period will determine how their product impacts our digester.

9.3 June 2, 2019 Open House

Mr. Streicher summarized the attendance and the positive feedback received from those who attended the open house.

EOC Meeting/June 2019
Minutes

10. Other Business
 - 10.1 Technical Advisory Committee Updates
 - 10.2 Pending Agenda Items
11. ***Next EOC Meeting*** – The next regularly scheduled EOC Meeting is set for Thursday, July 11, 2019 at 8:00 a.m., The July EOC meeting will still be held ***in the Conference Room at the Glenbard Wastewater Authority, 945 Bemis Road, Glen Ellyn, IL 60137.***

Mr. Streicher asked if the July meeting should remain the same or be moved back due to July 4th holiday or simply send out the EOC packets on Monday, July 8th.

Mr. Franz advised leaving the date as is and the packet going out that week is good.

Mr. Franz moved to adjourn the June 13, 2019 EOC Meeting and Mr. Niehaus seconded the MOTION to adjourn the meeting and go into Executive session for the purpose of discussing the purchase of real estate property for use by the public body and not return once Executive Session is adjourned. President McGinley, President Giagnorio, Trustee Christiansen, Mr. Franz, Mr. Niehaus, Mr. Hansen, and Mr. Goldsmith responded “Aye” during a roll vote. The motion carried. The meeting adjourned at 9:29 a.m.

12. 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

JUNE 2019

**GLENBARD WASTEWATER AUTHORITY
APPROVAL OF VOUCHERS
For the meeting in July 2019**

EXPENDITURES	Check Date	Paid Amount		
Accounts Payable Warrant 0619-1	6/21/2019	\$224,072.30		
Accounts Payable Warrant 0619-2	6/28/2019	\$63,344.48		
		\$287,416.78	Warrant Total	\$287,416.78

PAYROLL EXPENDITURES	June 21, 2019		
Net Employee Payroll Checks	\$	39,192.52	
 <u>Employee & Employer Payroll Deductions:</u>			
Employee Deductions*		\$19,158.52	
IMRF - Employer contribution		\$3,856.75	
Social Security/Medicare Tax Withheld - Employer portion		\$4,275.43	
Total Payroll	\$	66,483.22	\$ 66,483.22

GRAND TOTAL	\$ 353,900.00
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PAID WARRANT REPORT

WARRANT: 0619-1

TO FISCAL 2019/06 01/01/2019 TO 12/31/2019

VENDOR NAME	DOCUMENT	INV DATE	VOUCHER	PO	CHECK NO	T	CHK DATE	GL ACCOUNT	GL ACCOUNT DESCRIPTION	
964 AIR SERVICES COMPANY	20540	05/24/19			958274	P	06/21/19	270 520975	MAINTENANCE-EQUIPMENT	1,047.58
	INVOICE: 418734									
	20541	05/30/19			958274	P	06/21/19	270 520975	MAINTENANCE-EQUIPMENT	622.67
	INVOICE: 418828									
VENDOR TOTALS		5,274.13 YTD INVOICED			5,274.13 YTD PAID		1,670.25			
881 AIRGAS, INC	20535	05/25/19			958275	P	06/21/19	270 530443	LIQUID OXYGEN	5,897.71
	INVOICE: 9500532885									
	20536	06/01/19		20190002	958275	P	06/21/19	40 580180 17004	CRYO VAPORIZOR RENTALS	1,500.00
	INVOICE: 9089333956									
	20537	06/01/19			958275	P	06/21/19	270 530443	LIQUID OXYGEN	8,386.11
	INVOICE: 9500533104									
	20538	06/01/19			958275	P	06/21/19	270 520980	MAINTENANCE-ELECTRONICS	58.56
	INVOICE: 9962182163									
	20539	06/08/19			958275	P	06/21/19	270 530443	LIQUID OXYGEN	3,001.52
	INVOICE: 9500537660									
VENDOR TOTALS		168,278.25 YTD INVOICED			168,278.25 YTD PAID		18,843.90			
9 ALEXANDER CHEMICAL CORPORATION	20542	06/04/19			958276	P	06/21/19	270-1 530440	CHEMICALS	3,113.65
	INVOICE: SLS10081068									
VENDOR TOTALS		12,478.08 YTD INVOICED			12,478.08 YTD PAID		3,113.65			
218 PATTEN INDUSTRIES, INC.	20543	06/06/19			958277	P	06/21/19	270-2 520975	MAINTENANCE-EQUIPMENT	30.96
	INVOICE: P60C0233079									
	20544	05/31/19			958277	P	06/21/19	270-2 520975	MAINTENANCE-EQUIPMENT	563.06
	INVOICE: P60C0233056									
	20545	06/06/19			958277	P	06/21/19	270-2 520975	MAINTENANCE-EQUIPMENT	757.83
	INVOICE: pm600281993									
VENDOR TOTALS		9,368.42 YTD INVOICED			9,368.42 YTD PAID		1,351.85			
1249 AQUAFIX, INC.	20546	06/04/19			958278	P	06/21/19	270 530440	CHEMICALS	834.60
	INVOICE: 28034									
VENDOR TOTALS		834.60 YTD INVOICED			834.60 YTD PAID		834.60			
1303 ARCHON ASSOCIATES INC	20547	05/31/19			958279	P	06/21/19	40 580145	ROOF UPGRADES	1,100.00
	INVOICE: 25400									
VENDOR TOTALS		5,676.33 YTD INVOICED			5,676.33 YTD PAID		1,100.00			
33 CALCO, LTD.										

PAID WARRANT REPORT

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TO FISCAL 2019/06 01/01/2019 TO 12/31/2019

VENDOR NAME	DOCUMENT	INV DATE	VOUCHER	PO	CHECK NO	T	CHK DATE	GL ACCOUNT	GL ACCOUNT DESCRIPTION	
	20548	06/07/19			958280	P	06/21/19	270 530440	CHEMICALS	143.00
	INVOICE: AU47758									
	VENDOR TOTALS			455.00	YTD INVOICED			455.00	YTD PAID	143.00
819 UNITED COMMUNICATIONS	20551	06/15/19			958281	P	06/21/19	270 521195	TELECOMMUNICATIONS	717.37
	INVOICE: 20551									
	VENDOR TOTALS			6,826.92	YTD INVOICED			6,826.92	YTD PAID	717.37
1160 CHICAGO METROPOLITAN FIRE PREVENTION CO.	20549	05/31/19			958282	P	06/21/19	270 520980	MAINTENANCE-ELECTRONICS	893.00
	INVOICE: IN00307477									
	VENDOR TOTALS			2,068.00	YTD INVOICED			2,068.00	YTD PAID	893.00
47 CINTAS CORPORATION #769	20550	05/21/19			958283	P	06/21/19	270 520976	MAINTENANCE-CONTRACTUAL	169.90
	INVOICE: 4022327354									
	VENDOR TOTALS			1,107.88	YTD INVOICED			1,107.88	YTD PAID	169.90
768 CINTAS FIRST AID & SAFETY	20552	05/31/19			958284	P	06/21/19	270 530225	SAFETY RELATED EQUIPMNT/S	147.94
	INVOICE: 8404161983									
	VENDOR TOTALS			1,345.96	YTD INVOICED			1,345.96	YTD PAID	147.94
1218 COLLEY ELEVATOR CO.	20553	06/01/19			958285	P	06/21/19	270 520971	BUILDING & GROUNDS CONTRA	198.00
	INVOICE: 184953									
	VENDOR TOTALS			1,359.00	YTD INVOICED			1,359.00	YTD PAID	198.00
490 COMCAST CABLE COMMUNICATIONS, LLC	20554	05/25/19			958286	P	06/21/19	270 521195	TELECOMMUNICATIONS	204.59
	INVOICE: 20554									
	VENDOR TOTALS			1,227.49	YTD INVOICED			1,227.49	YTD PAID	204.59
1138 CONSTELLATION ENERGY SERVICES INC	20568	06/06/19			958287	P	06/21/19	270 521202	NATURAL GAS	2,137.29
	INVOICE: 2618726									
	20568	06/06/19			958287	P	06/21/19	270-1 521202	NATURAL GAS	171.35
	INVOICE: 2618726									
	20568	06/06/19			958287	P	06/21/19	270 521204	SELF-GEN GAS	211.91
	INVOICE: 2618726									
	20569	06/12/19			958287	P	06/21/19	270 521202	NATURAL GAS	-.02
	INVOICE: 2618726-1									

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WARRANT: 0619-1

TO FISCAL 2019/06 01/01/2019 TO 12/31/2019

VENDOR NAME	DOCUMENT	INV DATE	VOUCHER	PO	CHECK NO	T	CHK DATE	GL ACCOUNT	GL ACCOUNT DESCRIPTION	
VENDOR TOTALS		40,922.64		YTD INVOICED		40,922.64		YTD PAID		2,520.53
981	CROSS RHODES REPROGRAPHICS INC. 20570	05/31/19			958288	P	06/21/19	40 580120	SMALL CAPITAL PROJECTS	420.00
	INVOICE: 37467									
VENDOR TOTALS		1,126.02		YTD INVOICED		1,126.02		YTD PAID		420.00
62	PADDOCK PUBLICATIONS, INC 20571	05/18/19			958289	P	06/21/19	270 520750	LEGAL NOTICES	239.20
	INVOICE: 16854									
VENDOR TOTALS		239.20		YTD INVOICED		239.20		YTD PAID		239.20
1167	KOR KLEEN INC. 20567	05/17/19			958290	P	06/21/19	270 530100	OFFICE EXPENSES	168.00
	INVOICE: 05-003702									
VENDOR TOTALS		240.80		YTD INVOICED		240.80		YTD PAID		168.00
293	VILLAGE OF GLEN ELLYN 20609	06/01/19			958291	P	06/21/19	270 521203	WATER	2,577.83
	INVOICE: 20609									
	20610	06/01/19			958291	P	06/21/19	270 521203	WATER	143.39
	INVOICE: 20610									
VENDOR TOTALS		91,429.53		YTD INVOICED		91,429.53		YTD PAID		2,721.22
1072	GOLDSTINE, SKRODZKI, RUSSIAN, NEMEC AND HOFF LTD. 20555	06/06/19			958292	P	06/21/19	270 520700	LEGAL-GENERAL COUNSEL	330.00
	INVOICE: 146321									
	20556	06/06/19			958292	P	06/21/19	270 520700	LEGAL-GENERAL COUNSEL	590.00
	INVOICE: 146322									
VENDOR TOTALS		7,609.75		YTD INVOICED		7,609.75		YTD PAID		920.00
297	W.W. GRAINGER, INC. 20557	05/29/19			958293	P	06/21/19	270 520980	MAINTENANCE-ELECTRONICS	111.12
	INVOICE: 9188419338									
	20558	06/05/19			958293	P	06/21/19	270 520980	MAINTENANCE-ELECTRONICS	119.70
	INVOICE: 9195995312									
	20559	06/11/19			958293	P	06/21/19	270 520980	MAINTENANCE-ELECTRONICS	69.00
	INVOICE: 9201965408									
VENDOR TOTALS		6,341.52		YTD INVOICED		6,341.52		YTD PAID		299.82
743	GROOT, INC 20560	06/01/19			958294	P	06/21/19	270 520991	OPERATIONS - CONTRACTUAL	327.38
	INVOICE: 3447164									

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TO FISCAL 2019/06 01/01/2019 TO 12/31/2019

VENDOR NAME	DOCUMENT	INV DATE	VOUCHER	PO	CHECK NO	T	CHK DATE	GL ACCOUNT	GL ACCOUNT DESCRIPTION		
VENDOR TOTALS										2,294.08 YTD INVOICED	
										2,294.08 YTD PAID	
985 HOLSTEINS GARAGE										327.38	
20561		05/31/19			958295	P	06/21/19	270	520976	MAINTENANCE-CONTRACTUAL	157.00
INVOICE:		892									
VENDOR TOTALS										332.00 YTD INVOICED	
										332.00 YTD PAID	
124 HOME DEPOT USA, INC											157.00
20562		05/30/19			958296	P	06/21/19	270	520980	MAINTENANCE-ELECTRONICS	113.10
INVOICE:		3020581									
20563		06/11/19			958296	P	06/21/19	270	520990	OPERATIONS - SUPPLIES	24.97
INVOICE:		1071716									
20564		06/12/19			958296	P	06/21/19	270	520990	OPERATIONS - SUPPLIES	119.85
INVOICE:		71868									
20565		06/12/19			958296	P	06/21/19	270	520990	OPERATIONS - SUPPLIES	33.28
INVOICE:		10818									
VENDOR TOTALS										2,707.65 YTD INVOICED	
										2,707.65 YTD PAID	
1166 IDEA MARKETING GROUP, INC											291.20
20566		06/03/19			958297	P	06/21/19	270	520981	ELECTRONICS CONTRACTUAL	350.00
INVOICE:		4560									
VENDOR TOTALS										350.00 YTD INVOICED	
										350.00 YTD PAID	
1860 IL DEPT. OF EMPLOYMENT SECURITY											350.00
20612		05/31/19			958298	P	06/21/19	270	510600	STATE UNEMPLOYMENT	1,500.00
INVOICE:		20612									
VENDOR TOTALS										6,000.00 YTD INVOICED	
										6,000.00 YTD PAID	
1150 JASON NEIGHBORS											1,500.00
20584		06/12/19			958299	P	06/21/19	270	520620	EMPLOYEE EDUCATION	245.52
INVOICE:		20584									
VENDOR TOTALS										245.52 YTD INVOICED	
										245.52 YTD PAID	
185 KONICA MINOLTA BUSINESS SOLUTIONS INC											245.52
20572		05/25/19			958300	P	06/21/19	270	530100	OFFICE EXPENSES	47.31
INVOICE:		9005723803									
VENDOR TOTALS										445.34 YTD INVOICED	
										445.34 YTD PAID	
1189 LEAHY-WOLF COMPANY											47.31
20573		05/28/19			958301	P	06/21/19	270	520975	MAINTENANCE-EQUIPMENT	895.00
INVOICE:		383917									
VENDOR TOTALS										4,440.29 YTD INVOICED	
										4,440.29 YTD PAID	

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TO FISCAL 2019/06 01/01/2019 TO 12/31/2019

VENDOR NAME	DOCUMENT	INV DATE	VOUCHER	PO	CHECK NO	T	CHK DATE	GL ACCOUNT	GL ACCOUNT DESCRIPTION	
517 LIPKE-KENTEX CORP.	20574	05/31/19			958302	P	06/21/19	270 520975	MAINTENANCE-EQUIPMENT	394.55
	INVOICE:	569080								
VENDOR TOTALS					735.43	YTD INVOICED		735.43	YTD PAID	394.55
171 MCMASTER-CARR SUPPLY CO.	20575	06/05/19			958303	P	06/21/19	270 520980	MAINTENANCE-ELECTRONICS	34.18
	INVOICE:	96806450								
	20576	06/05/19			958303	P	06/21/19	270 520975	MAINTENANCE-EQUIPMENT	12.40
	INVOICE:	96806451								
	20577	06/05/19			958303	P	06/21/19	270 520975	MAINTENANCE-EQUIPMENT	52.28
	INVOICE:	96801604								
VENDOR TOTALS					3,446.00	YTD INVOICED		3,446.00	YTD PAID	98.86
1222 MEADE ELECTRIC COMPANY, INC	20578	05/28/19			958304	P	06/21/19	40 580140	INFRASTRUCTURE UPGRADES	4,284.24
	INVOICE:	111856								
	20579	06/03/19			958304	P	06/21/19	40 580140	INFRASTRUCTURE UPGRADES	11,931.00
	INVOICE:	111872								
VENDOR TOTALS					16,215.24	YTD INVOICED		16,215.24	YTD PAID	16,215.24
188 MOTION INDUSTRIES INC	20580	05/27/19			958305	P	06/21/19	270 520980	MAINTENANCE-ELECTRONICS	257.44
	INVOICE:	IL10-662642								
	20581	06/06/19			958305	P	06/21/19	270 520980	MAINTENANCE-ELECTRONICS	62.77
	INVOICE:	IL10-663267								
	20582	06/07/19			958305	P	06/21/19	270 520975	MAINTENANCE-EQUIPMENT	54.11
	INVOICE:	IL10-663410								
	20583	06/08/19			958305	P	06/21/19	270 520980	MAINTENANCE-ELECTRONICS	215.55
	INVOICE:	IL10-663537								
VENDOR TOTALS					929.81	YTD INVOICED		929.81	YTD PAID	589.87
407 MUNICIPAL INS COOPERATIVE AGENCY	20432	06/01/19			958306	P	06/21/19	270 520885	LIABILITY INSURANCE	135,951.00
	INVOICE:	20432								
VENDOR TOTALS					135,951.00	YTD INVOICED		135,951.00	YTD PAID	135,951.00
1168 NORTHERN TOOL & EQUIPMENT	20585	06/05/19			958307	P	06/21/19	270 520975	MAINTENANCE-EQUIPMENT	99.98
	INVOICE:	42725917								
VENDOR TOTALS					1,010.38	YTD INVOICED		1,010.38	YTD PAID	99.98
233 PVS MINIBULK, INC	20586	05/30/19			958308	P	06/21/19	270-1 530440	CHEMICALS	4,118.83
	INVOICE:	133795								

PAID WARRANT REPORT

WARRANT: 0619-1

TO FISCAL 2019/06 01/01/2019 TO 12/31/2019

VENDOR NAME	DOCUMENT	INV DATE	VOUCHER	PO	CHECK NO	T	CHK DATE	GL ACCOUNT	GL ACCOUNT DESCRIPTION	
VENDOR TOTALS		10,966.51		YTD INVOICED		10,966.51		YTD PAID		4,118.83
237 RANDALL PRESSURE SYSTEMS, INC.	20587	05/31/19			958309	P	06/21/19	270 520975	MAINTENANCE-EQUIPMENT	22.72
	INVOICE:	I27026-0								
	20588	06/03/19			958309	P	06/21/19	270-2 520975	MAINTENANCE-EQUIPMENT	248.01
	INVOICE:	I27047-0								
VENDOR TOTALS		297.53		YTD INVOICED		297.53		YTD PAID		270.73
1226 RC CLEANING COMPANY	20589	06/01/19			958310	P	06/21/19	270 520971	BUILDING & GROUNDS CONTRA	1,020.00
	INVOICE:	20589								
VENDOR TOTALS		7,140.00		YTD INVOICED		7,140.00		YTD PAID		1,020.00
412 NESTLE WATERS NORTH AMERICA	20590	06/06/19			958311	P	06/21/19	270 530100	OFFICE EXPENSES	86.87
	INVOICE:	19F8100616302								
VENDOR TOTALS		711.03		YTD INVOICED		711.03		YTD PAID		86.87
180 RELADYNE -MID-TOWN PETROLEUM INC.	20591	06/07/19			958312	P	06/21/19	270 520975	MAINTENANCE-EQUIPMENT	341.80
	INVOICE:	1212675-IN								
VENDOR TOTALS		4,965.44		YTD INVOICED		4,965.44		YTD PAID		341.80
1070 REVERE ELECTRIC SUPPLY	20592	06/01/19			958313	P	06/21/19	270 520980	MAINTENANCE-ELECTRONICS	198.96
	INVOICE:	S3866794.001								
VENDOR TOTALS		702.49		YTD INVOICED		702.49		YTD PAID		198.96
1212 RJN GROUP, INC	20594	06/05/19		20190005	958314	P	06/21/19	40 580150	PLANT EQUIPMENT REHABILIT	6,555.00
	INVOICE:	341503								
	20595	06/03/19		20190001	958314	P	06/21/19	270 520981	ELECTRONICS CONTRACTUAL	10,149.00
	INVOICE:	305029								
VENDOR TOTALS		86,439.00		YTD INVOICED		86,439.00		YTD PAID		16,704.00
939 STAPLES CONTRACT & COMMERCIAL INC.	20596	05/30/19			958315	P	06/21/19	40 580120	SMALL CAPITAL PROJECTS	39.84
	INVOICE:	3415691586								
	20597	05/22/19			958315	P	06/21/19	270 530100	OFFICE EXPENSES	-63.64
	INVOICE:	3415691587								
	20598	05/22/19			958315	P	06/21/19	270 530100	OFFICE EXPENSES	63.64
	INVOICE:	3414797101								

PAID WARRANT REPORT

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TO FISCAL 2019/06 01/01/2019 TO 12/31/2019

VENDOR NAME	DOCUMENT	INV DATE	VOUCHER	PO	CHECK NO	T	CHK DATE	GL ACCOUNT	GL ACCOUNT DESCRIPTION		
VENDOR TOTALS		2,179.93 YTD INVOICED						2,179.93 YTD PAID		39.84	
738	SUBURBAN LABORATORIES, INC.										
	20599	05/15/19			958316	P	06/21/19	270	520806	PROFESSIONAL SERVICES-LAB	370.50
	INVOICE: 165515										
	20600	05/15/19			958316	P	06/21/19	270	520806	PROFESSIONAL SERVICES-LAB	370.50
	INVOICE: 165514										
	20601	06/10/19			958316	P	06/21/19	270	520806	PROFESSIONAL SERVICES-LAB	605.00
	INVOICE: 166273										
	20602	06/11/19			958316	P	06/21/19	270	520806	PROFESSIONAL SERVICES-LAB	370.50
	INVOICE: 166306										
	20603	06/13/19			958316	P	06/21/19	270	520806	PROFESSIONAL SERVICES-LAB	370.50
	INVOICE: 166372										
	20611	06/14/19			958316	P	06/21/19	270	520806	PROFESSIONAL SERVICES-LAB	1,060.50
	INVOICE: 166396										
VENDOR TOTALS		16,880.00 YTD INVOICED						16,880.00 YTD PAID		3,147.50	
1282	TALLGRASS RESTORATION, LLC										
	20604	06/03/19			958317	P	06/21/19	270-1	520970	MAINTENANCE-BUILDING & GR	540.00
	INVOICE: 2021802										
VENDOR TOTALS		3,132.00 YTD INVOICED						3,132.00 YTD PAID		540.00	
271	TERRACE SUPPLY COMPANY										
	20605	05/31/19			958318	P	06/21/19	270	520976	MAINTENANCE-CONTRACTUAL	51.46
	INVOICE: 1000393										
VENDOR TOTALS		815.68 YTD INVOICED						815.68 YTD PAID		51.46	
1240	TWIN OAKS LANDSCAPING, INC										
	20606	06/01/19		20190003	958319	P	06/21/19	270	520971	BUILDING & GROUNDS CONTRA	2,650.00
	INVOICE: MR980801-0003										
	20606	06/01/19		20190003	958319	P	06/21/19	270-1	520970	MAINTENANCE-BUILDING & GR	835.00
	INVOICE: MR980801-0003										
VENDOR TOTALS		10,455.00 YTD INVOICED						10,455.00 YTD PAID		3,485.00	
988	VERIZON WIRELESS SERVICES LLC										
	20608	06/01/19			958320	P	06/21/19	270	521195	TELECOMMUNICATIONS	227.58
	INVOICE: 9831259617										
VENDOR TOTALS		5,287.85 YTD INVOICED						5,287.85 YTD PAID		227.58	
REPORT TOTALS									224,072.30		
									COUNT	AMOUNT	
TOTAL PRINTED CHECKS									47	224,072.30	

PAID WARRANT REPORT

WARRANT: 0619-2

TO FISCAL 2019/06 01/01/2019 TO 12/31/2019

VENDOR NAME	DOCUMENT	INV DATE	VOUCHER	PO	CHECK NO	T	CHK DATE	GL ACCOUNT	GL ACCOUNT DESCRIPTION	
1207 1ST AYD CORPORATION	20614	06/14/19			958321	P	06/28/19	270 520975	MAINTENANCE-EQUIPMENT	996.04
	INVOICE: PSI283810									
	20615	06/19/19			958321	P	06/28/19	270 520975	MAINTENANCE-EQUIPMENT	28.10
	INVOICE: PSI284514									
VENDOR TOTALS					1,024.14	YTD INVOICED		1,024.14	YTD PAID	1,024.14
2 AAREN PEST CONTROL, INC.	20613	06/24/19			958322	P	06/28/19	270 520971	BUILDING & GROUNDS CONTRA	55.00
	INVOICE: 30882									
	20613	06/24/19			958322	P	06/28/19	270-1 520970	MAINTENANCE-BUILDING & GR	45.00
	INVOICE: 30882									
VENDOR TOTALS					200.00	YTD INVOICED		200.00	YTD PAID	100.00
1301 ALAN GAUS	20649	06/27/19			958323	P	06/28/19	40 580140	INFRASTRUCTURE UPGRADES	5,200.00
	INVOICE: 3247									
VENDOR TOTALS					8,200.00	YTD INVOICED		8,200.00	YTD PAID	5,200.00
881 AIRGAS, INC	20617	06/15/19			958324	P	06/28/19	270 530443	LIQUID OXYGEN	5,947.32
	INVOICE: 9500537877									
	20618	06/22/19			958324	P	06/28/19	270 530443	LIQUID OXYGEN	4,355.01
	INVOICE: 9500538100									
VENDOR TOTALS					168,278.25	YTD INVOICED		168,278.25	YTD PAID	10,302.33
1306 C&E FIRE PROTECTION INC	20648	06/04/19			958325	P	06/28/19	270-2 520975	MAINTENANCE-EQUIPMENT	920.00
	INVOICE: 6678									
VENDOR TOTALS					920.00	YTD INVOICED		920.00	YTD PAID	920.00
37 CDW GOVERNMENT, INC.	20619	06/13/19			958326	P	06/28/19	40 580120	SMALL CAPITAL PROJECTS	437.62
	INVOICE: SRH3702									
	20620	06/17/19			958326	P	06/28/19	270 520980	MAINTENANCE-ELECTRONICS	104.89
	INVOICE: SRZ3122									
VENDOR TOTALS					683.32	YTD INVOICED		683.32	YTD PAID	542.51
47 CINTAS CORPORATION #769	20621	06/18/19			958327	P	06/28/19	270 520976	MAINTENANCE-CONTRACTUAL	169.90
	INVOICE: 4024129651									
VENDOR TOTALS					1,107.88	YTD INVOICED		1,107.88	YTD PAID	169.90
293 VILLAGE OF GLEN ELLYN										

PAID WARRANT REPORT

WARRANT: 0619-2

TO FISCAL 2019/06 01/01/2019 TO 12/31/2019

VENDOR NAME	DOCUMENT	INV DATE	VOUCHER	PO	CHECK NO	T	CHK DATE	GL ACCOUNT	GL ACCOUNT DESCRIPTION	
	20654	06/28/19			2535	W	06/28/19	270 521130	OVERHEAD FEES	10,977.17
	INVOICE: IFT-176									
	20654	06/28/19			2535	W	06/28/19	270 520976	MAINTENANCE-CONTRACTUAL	3,058.33
	INVOICE: IFT-176									
VENDOR TOTALS		91,429.53 YTD INVOICED						91,429.53 YTD PAID		14,035.50
297	W.W. GRAINGER, INC.									
	20623	06/14/19			958328	P	06/28/19	270 520970	MAINTENANCE-BUILDING & GR	94.05
	INVOICE: 9206320575									
	20624	06/19/19			958328	P	06/28/19	270 520980	MAINTENANCE-ELECTRONICS	35.22
	INVOICE: 9210407020									
VENDOR TOTALS		6,341.52 YTD INVOICED						6,341.52 YTD PAID		129.27
1189	LEAHY-WOLF COMPANY									
	20646	06/24/19			958329	P	06/28/19	270 520975	MAINTENANCE-EQUIPMENT	945.00
	INVOICE: 384936									
VENDOR TOTALS		4,440.29 YTD INVOICED						4,440.29 YTD PAID		945.00
157	LEN'S ACE HARDWARE, INC.									
	20625	06/17/19			958330	P	06/28/19	270 520990	OPERATIONS - SUPPLIES	2.98
	INVOICE: 90652-3									
	20626	06/18/19			958330	P	06/28/19	270 520990	OPERATIONS - SUPPLIES	45.89
	INVOICE: 90680-3									
	20627	06/19/19			958330	P	06/28/19	270 520990	OPERATIONS - SUPPLIES	23.16
	INVOICE: 90704-3									
	20628	06/20/19			958330	P	06/28/19	270 530106	OPERATING SUPPLIES - LAB	11.96
	INVOICE: 90715-3									
	20628	06/20/19			958330	P	06/28/19	270 520990	OPERATIONS - SUPPLIES	36.39
	INVOICE: 90715-3									
	20629	06/21/19			958330	P	06/28/19	270 520990	OPERATIONS - SUPPLIES	51.17
	INVOICE: 90733-3									
	20630	06/25/19			958330	P	06/28/19	270 520975	MAINTENANCE-EQUIPMENT	25.59
	INVOICE: 90792-3									
VENDOR TOTALS		817.11 YTD INVOICED						817.11 YTD PAID		197.14
295	VILLAGE OF LOMBARD									
	20641	06/17/19			958331	P	06/28/19	270 521203	WATER	18.80
	INVOICE: 20641									
	20642	06/17/19			958331	P	06/28/19	270-1 521203	WATER	1,583.90
	INVOICE: 20642									
VENDOR TOTALS		2,371.62 YTD INVOICED						2,371.62 YTD PAID		1,602.70
178	MICHAEL'S UNIFORM COMPANY, INC.									
	20647	06/26/19			958332	P	06/28/19	270 530445	UNIFORMS	2,724.16
	INVOICE: 91241									

PAID WARRANT REPORT

WARRANT: 0619-2

TO FISCAL 2019/06 01/01/2019 TO 12/31/2019

VENDOR NAME	DOCUMENT	INV DATE	VOUCHER	PO	CHECK NO	T	CHK DATE	GL ACCOUNT	GL ACCOUNT DESCRIPTION	
VENDOR TOTALS				3,251.83	YTD INVOICED			3,251.83	YTD PAID	2,724.16
876 PITNEY BOWES, INC	20631	06/12/19			958333	P	06/28/19	270 530100	OFFICE EXPENSES	102.73
	INVOICE:	1013244642								
VENDOR TOTALS				510.73	YTD INVOICED			510.73	YTD PAID	102.73
1226 RC CLEANING COMPANY	20632	05/17/19			958334	P	06/28/19	270 520971	BUILDING & GROUNDS CONTRA	1,020.00
	INVOICE:	20632								
VENDOR TOTALS				7,140.00	YTD INVOICED			7,140.00	YTD PAID	1,020.00
180 RELADYNE -MID-TOWN PETROLEUM INC.	20644	04/26/19			958335	P	06/28/19	270 520975	MAINTENANCE-EQUIPMENT	963.88
	INVOICE:	1206604-IN								
VENDOR TOTALS				4,965.44	YTD INVOICED			4,965.44	YTD PAID	963.88
246 RYAN HERCO PRODUCTS CORP	20633	06/19/19			958336	P	06/28/19	270 520975	MAINTENANCE-EQUIPMENT	445.18
	INVOICE:	9255614								
VENDOR TOTALS				445.18	YTD INVOICED			445.18	YTD PAID	445.18
939 STAPLES CONTRACT & COMMERCIAL INC.	20635	06/12/19			958337	P	06/28/19	270 530100	OFFICE EXPENSES	126.95
	INVOICE:	3416810580								
VENDOR TOTALS				2,179.93	YTD INVOICED			2,179.93	YTD PAID	126.95
464 STRAND ASSOCIATES, INC.	20636	06/13/19		20180005	958338	P	06/28/19	40 580180 18001	ELECTRIC SVC DISTBIB SYS	15,129.22
	INVOICE:	149817								
	20637	06/12/19		20180012	958338	P	06/28/19	40 580150	PLANT EQUIPMENT REHABILIT	3,990.38
	INVOICE:	149647								
VENDOR TOTALS				144,681.90	YTD INVOICED			144,681.90	YTD PAID	19,119.60
738 SUBURBAN LABORATORIES, INC.	20638	06/17/19			958339	P	06/28/19	270 520806	PROFESSIONAL SERVICES-LAB	480.00
	INVOICE:	166454								
VENDOR TOTALS				16,880.00	YTD INVOICED			16,880.00	YTD PAID	480.00
1282 TALLGRASS RESTORATION, LLC	20639	06/17/19			958340	P	06/28/19	270-3 520970	MAINTENANCE-BUILDING & GR	2,592.00
	INVOICE:	2021921								

PAID WARRANT REPORT

WARRANT: 0619-2

TO FISCAL 2019/06 01/01/2019 TO 12/31/2019

VENDOR NAME	DOCUMENT	INV DATE	VOUCHER	PO	CHECK NO	T	CHK DATE	GL ACCOUNT	GL ACCOUNT DESCRIPTION	
VENDOR TOTALS		3,132.00 YTD INVOICED			3,132.00 YTD PAID			2,592.00		
271 TERRACE SUPPLY COMPANY	20640	02/28/19			958341	P	06/28/19	270 520976	MAINTENANCE-CONTRACTUAL	46.48
	INVOICE:	997435								
	20645	06/26/19			958341	P	06/28/19	270 520975	MAINTENANCE-EQUIPMENT	93.83
	INVOICE:	70444659								
VENDOR TOTALS		815.68 YTD INVOICED			815.68 YTD PAID			140.31		
988 VERIZON WIRELESS SERVICES LLC	20650	06/18/19			958342	P	06/28/19	270 521195	TELECOMMUNICATIONS	461.18
	INVOICE:	9832371565								
VENDOR TOTALS		5,287.85 YTD INVOICED			5,287.85 YTD PAID			461.18		
									REPORT TOTALS	63,344.48

	COUNT	AMOUNT
TOTAL PRINTED CHECKS	22	49,308.98
TOTAL WIRE TRANSFERS	1	14,035.50

** END OF REPORT - Generated by Lori Thomas **

SECTION 6.0

2018 FINANCIAL AUDIT - RECOMMEND APPROVAL

MEMORANDUM

TO: Executive Oversight Committee
FROM: Christina Coyle, Finance Director
DATE: July 1, 2019
RE: 2018 Audited Financial Statements



2018 Audited Financial Statements

Attached is the Annual Audited Financial Statements for the Glenbard Wastewater Authority for the fiscal year that ended December 31, 2018.

Financial highlights for the Authority's fiscal year 2018 (FY2018) are presented on pages 10-11 of the report. A complete narrative summary of the Authority's operations and financial position is found in Management's Discussion and Analysis on pages 9-17. I will present highlights of the financial report during the EOC meeting and our audit partner, Jamie Wilkey, will present the auditor's opinion.

The Authority again received an unmodified audit opinion from the auditing firm, Lauterbach & Amen LLP, which is the highest and best opinion.

Operating Fund Surplus

The Operating Fund Surplus, before the long term pension adjustment, was \$449,410. We annually adjust the partners' contributions to match expenses. Using this measure, the Village of Lombard is owed \$267,237 and Glen Ellyn is owed \$182,173 for the fiscal year ended December 31, 2018.

As of December 31, 2018, the Authority's working cash was 39.1% of operating expenses, or \$558,547 above minimum 25% as set in the current intergovernmental agreement. A complete schedule detailing the working cash calculation may be found in the notes to the financial statements (page 35-36). As the amount of working cash over the minimum requirement is greater than the operating surplus for the year, we are able to distribute the entire FY2018 surplus amount.

The operating surplus may be either rebated back to each community or may be distributed to the Capital Fund. In the past, the operating surplus has been distributed to the Capital Fund and has been used for either specific projects or to offset future Capital Fund rate increases to both Villages.

Other Communications

There are two other communications that are included as attachments to this memo.

Single Audit Report: As the IEPA loan in fiscal year 2018 involved disbursements of federal funds through the State of Illinois, the Authority was required to have a single audit for 2018. Attached is a copy of the single audit report. There were no findings issued.

SAS114 Letter: This letter is a required communication between the auditors and those charged with governance. It highlights certain areas that auditors are required to disclose each year to those charged with governance.

Management Letter: This letter only highlights forthcoming accounting standards for the coming year. There are no internal control matters reported in the letter.

Proposed Action Items:

Motion to accept the Audited Financial Statements of the Glenbard Wastewater Authority for the fiscal year ended December 31, 2018 and to forward the audit report to the full Authority Board for final approval at the next annual meeting.

Motion to distribute the operating surplus of \$449,410 in a manner determined by the Executive Oversight Committee.

**GLENBARD WASTEWATER AUTHORITY
GLEN ELLYN, ILLINOIS**

ANNUAL FINANCIAL REPORT

**FOR THE FISCAL YEAR ENDED
DECEMBER 31, 2018**

GLENBARD WASTEWATER AUTHORITY, GLEN ELLYN, ILLINOIS

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GLENBARD WASTEWATER AUTHORITY, GLEN ELLYN, ILLINOIS

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FINANCIAL SECTION

INDEPENDENT AUDITORS' REPORT



INDEPENDENT AUDITORS' REPORT

June 7, 2019

The Honorable Chairman
Members of the Board of Directors
Glenbard Wastewater Authority
Glen Ellyn, Illinois

Report on the Financial Statements

We have audited the accompanying financial statements of the Glenbard Wastewater Authority, Illinois, as of and for the year ended December 31, 2018, and the related notes to the financial statements, which collectively comprise the Authority's basic financial statements as listed in the table of contents.

Management's Responsibility for the Financial Statements

Management is responsible for the preparation and fair presentation of these financial statements in accordance with accounting principles generally accepted in the United States of America; this includes the design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of financial statements that are free from material misstatement, whether due to fraud or error.

Auditor's Responsibility

Our responsibility is to express opinions on these financial statements based on our audit. We conducted our audit in accordance with auditing standards generally accepted in the United States of America and the standards applicable to financial audits contained in *Government Auditing Standards*, issued by the Comptroller General of the United States. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free of material misstatement.

An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the financial statements. The procedures selected depend on the auditor's judgment, including the assessment of the risks of material misstatement of the financial statements, whether due to fraud or error. In making those risk assessments, the auditor considers internal control relevant to the Authority's preparation and fair presentation of the financial statements in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the Authority's internal control. Accordingly, we express no such opinion. An audit also includes evaluating the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluating the overall presentation of the financial statements.

We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinions.

Opinions

In our opinion, the financial statements referred to above present fairly, in all material respects, the respective financial position of the Glenbard Wastewater Authority, Illinois, as of December 31, 2018, and the respective changes in financial position and, where applicable, cash flows thereof for the year then ended in accordance with accounting principles generally accepted in the United States of America.

Other Matters

Required Supplementary Information

Accounting principles generally accepted in the United States of America require that the management's discussion and analysis as listed in the table of contents and budgetary information reported in the required supplementary information as listed in the table of contents, be presented to supplement the basic financial statements. Such information, although not a part of the basic financial statements, is required by the Governmental Accounting Standards Board, who considers it to be an essential part of financial reporting for placing the basic financial statements in an appropriate operational, economic, or historical context. We have applied certain limited procedures to the required supplementary information in accordance with auditing standards generally accepted in the United States of America, which consisted of inquiries of management about the methods of preparing the information and comparing the information for consistency with management's responses to our inquiries, the basic financial statements, and other knowledge we obtained during our audit of the basic financial statements. We do not express an opinion or provide any assurance on the information because the limited procedures do not provide us with sufficient evidence to express an opinion or provide any assurance.

Other Information

Our audit was conducted for the purpose of forming opinions on the financial statements that collectively comprise the Glenbard Wastewater Authority, Illinois' basic financial statements. The supplemental schedules are presented for purposes of additional analysis and are not a required part of the basic financial statements.

The supplemental schedules are the responsibility of management and were derived from and relate directly to the underlying accounting and other records used to prepare the basic financial statements. Such information has been subjected to the auditing procedures applied in the audit of the basic financial statements and certain additional procedures, including comparing and reconciling such information directly to the underlying accounting and other records used to prepare the basic financial statements or to the basic financial statements themselves, and other additional procedures in accordance with auditing standards generally accepted in the United States of America. In our opinion, the supplemental schedules are fairly stated, in all material respects, in relation to the basic financial statements as a whole.

Other Matters – Continued

Other Information – Continued

The Schedule of Comparative Flows and the Schedule of Allocation of Costs have not been subjected to the auditing procedures applied in the audit of the basic financial statements and, accordingly, we do not express an opinion or provide any assurance on them.

Prior-Year Comparative Information

We have previously audited Glenbard Wastewater Authority's 2017 financial statements, and we expressed unmodified audit opinions on the respective financial statements of the governmental activities, each major fund, and the aggregate remaining fund information in our report dated April 18, 2018. In our opinion, the summarized comparative information presented herein as of and for the year ended December 31, 2017, is consistent, in all material respects, with the audited financial statements from which it has been derived.

Other Reporting Required by Government Auditing Standards

In accordance with *Government Auditing Standards*, we have also issued our report dated June 7, 2019, on our consideration of the Authority's internal control over financial reporting and on our tests of its compliance with certain provisions of laws, regulations, contracts, and grant agreements and other matters. The purpose of that report is to describe the scope of our testing of internal control over financial reporting and compliance and the results of that testing, and not to provide an opinion on the effectiveness of the Authority's internal control over financial reporting or on compliance. That report is an integral part of an audit performed in accordance with *Government Auditing Standards* in considering the Authority's internal control over financial reporting and compliance.

Lauterbach & Amen, LLP
LAUTERBACH & AMEN, LLP

MANAGEMENT'S DISCUSSION AND ANALYSIS

GLENBARD WASTEWATER AUTHORITY

MANAGEMENT'S DISCUSSION AND ANALYSIS

December 31, 2018

This discussion and analysis of the Glenbard Wastewater Authority (the "Authority") is designed to provide the reader an objective and easily readable analysis of the Authority's financial activities for the fiscal year 2018 which began on January 1, 2018 and concluded on December 31, 2018. Also highlighted in this analysis are significant financial transactions and issues, comparisons to prior year activities, any relevant trend information, and changes in the Authority's financial position.

This discussion and analysis is an integral part of the Authority's financial statements and should be read in conjunction with the financial statements, which begin on page 13.

Background and Overview of the Financial Statements

The Authority was established by an intergovernmental agreement dated November 28, 1977 between the neighboring Villages of Lombard and Glen Ellyn, Illinois for the purpose of jointly treating and processing wastewater. Prior to creation of the Authority, wastewater processing was decentralized. The Authority processes wastewater for the Villages of Lombard and Glen Ellyn as well as certain other areas in DuPage County.

The four principal components of the Authority are the Glenbard Plant, the Lombard Combined Sewerage Treatment Facility (LCSTF) facility, the North Regional Interceptor (NRI) and the South Regional Interceptor (SRI). The original construction cost of these facilities was approximately \$43 million, with \$32 million contributed by a grant from the United States Environmental Protection Agency (USEPA) and the remaining \$11 million contributed by Lombard and Glen Ellyn.

The Board of Directors of the Authority consists of the Village President and six Trustees from each of the Villages of Lombard and Glen Ellyn. The Executive Oversight Committee (EOC) is responsible for overseeing the operational aspects of the Authority's activities and is composed of both Village Presidents, both Village Managers, one Trustee representative from each Village Board and one staff member, traditionally the Public Works Director, of each Village. The Committee meets monthly and reviews operational and staff reports, approves Authority expenditures, awards various contracts for services, reviews the financial statements, reviews and recommends an annual budget to the full Authority Board and performs other functions as defined in the intergovernmental agreement.

The Village of Glen Ellyn is identified by the intergovernmental agreement as the "operating" or lead agency of the Authority. In its capacity as lead agency, Glen Ellyn performs operational supervision, accounting, personnel and administrative services for the Authority on a contractual basis.

The Authority's accounting and financial transactions are recorded in two separate funds – the Operating Fund and the Equipment Replacement Fund.

The Operating Fund pays for the day-to-day operating costs of the Glenbard Plant, LCSTF, NRI and SRI and includes costs such as staff salaries and benefits, contractual services, sludge removal, utilities, insurance and related expenses. Operating costs are allocated between the Lombard and Glen Ellyn partners based on a five year rolling average of the percentage of wastewater flow contributed by each community.

GLENBARD WASTEWATER AUTHORITY

MANAGEMENT'S DISCUSSION AND ANALYSIS

December 31, 2018

Each Village contributes a monthly amount to the Authority based on the adopted Operating Fund budget for the year. These contributions are adjusted two times per fiscal year based on actual wastewater flow share between the parties. Also, an adjustment is made after the conclusion of the fiscal year so that total year-end operating revenues are equivalent to total year-end operating expenses, excluding the adjustment for the IMRF pension obligation.

The Equipment Replacement Fund was established to accumulate funds for the repair and replacement of plant components as needed and was a required element for the initial grant assistance received from the Federal EPA. The two partners contribute a budgeted amount to the Equipment Replacement Fund each year based the wastewater flow split percentage of the Glenbard Plant and associated infrastructure.

Financial Highlights

1. The Authority's overall cash position at December 31, 2018 increased by \$1.77 million or by 33% compared to balances at the close of the prior fiscal year. The Operating Fund experienced an increase in cash balance of \$353,801, while the Equipment Replacement Fund's cash balance increased by \$1.42 million. The Equipment Replacement Fund received loan proceeds from an Illinois Environmental Protection Agency (IEPA) loan in the amount of \$4.6 million and has incurred capital costs of \$5.2 million. The main project undertaken is the Facility Improvement Project (FIP), which entails a series of updates to the facility. See page 44 for detailed cash flow information.
2. Total Operating Fund expenses for fiscal year 2018 were \$3,820,991, a decrease of \$286,995 or 7.0% compared to the previous fiscal year. For additional information concerning changes in operating costs compared to the prior fiscal year, see page 11 of this Management's Discussion and Analysis.
3. Total Operating Fund expenses were under the approved budget of \$4,386,400 by \$565,409 or 12.9%. Savings were seen in most categories. The largest savings was on maintenance costs (under budget by \$226,226). Additional budget comparison information is located on pages 45-48.
4. Amounts due from/(to) each of the Villages as of December 31, 2018, include following components:

	Village of Lombard	Village of Glen Ellyn	Total
Amounts Due from (to) Villages			
Billing Adjustment for the Fiscal Year Ended on December 31, 2018	\$ (267,237)	(182,173)	(449,410)
Billing Adjustment - July 2018 to December 2018	111,708	(111,708)	-
Cumulative Balance Due from (to) Villages	(155,529)	(293,881)	(449,410)

GLENBARD WASTEWATER AUTHORITY

MANAGEMENT'S DISCUSSION AND ANALYSIS

December 31, 2018

5. The percentage of wastewater flow contributed by each of the partners to the Glenbard Plant for 2018 compared to the previous three years is shown below:

	FY 2016	FY 2017	FY 2018
Lombard	55.61%	57.35%	58.79%
Glen Ellyn	44.39%	42.65%	41.21%

A history of annual flow data is presented on page 50.

6. The Authority has a minimum working cash policy for its Operating Fund equal to 25% of operating expenses (see Note 3 on page 28-29). The Authority's net working cash balance of \$1,546,956 as of December 31, 2018 is equivalent to a 39.1% reserve level, above the minimum 25% level by \$558,547.
7. The Authority invested significantly in capital projects during 2018. The Authority continued the Facility Improvement Project (FIP) in 2018. This project includes improvements to the raw sewage pump building, improvements and modifications to the filter building, modification of the non-potable water system, improvements to the natural gas system serving the treatment facility and improvements to the final clarifiers. As of December 31, 2018, \$14.9 million had been expended on this project.

Authority's Financial Analysis

Net Position

The Statement of Net Position includes all of the Authority's assets/deferred outflows and liabilities/deferred inflows and provides information about the nature and amount of investments in resources and the obligations to creditors. This statement provides the basis for evaluating the capital structure and assessing the liquidity and financial flexibility of the Authority.

A summary of the Authority's Statement of Net Position is presented on the next page.

GLENBARD WASTEWATER AUTHORITY

MANAGEMENT'S DISCUSSION AND ANALYSIS

December 31, 2018

	<u>FY 2016</u>	<u>FY 2017</u>	<u>FY 2018</u>
Current and Other Assets	\$ 2,848,307	\$ 6,258,960	\$ 8,015,153
Deferred Outflows	400,244	239,180	704,968
Capital Assets	<u>38,913,771</u>	<u>46,255,289</u>	<u>48,911,990</u>
Total Assets & Deferred Outflows	<u>42,162,322</u>	<u>52,753,429</u>	<u>57,632,111</u>
Long Term Debt	4,331,782	11,452,569	16,332,685
Other Liabilities	1,854,562	3,063,643	2,935,222
Deferred Inflows	<u>51,668</u>	<u>925,256</u>	<u>125,366</u>
Total Liabilities & Deferred Inflows	<u>6,238,012</u>	<u>15,441,468</u>	<u>19,393,273</u>
Net Investment in Capital Assets	34,063,033	34,374,524	32,962,382
Restricted	<u>1,861,277</u>	<u>2,937,437</u>	<u>5,276,456</u>
Total Net Position	<u>\$35,924,310</u>	<u>\$37,311,961</u>	<u>\$38,238,838</u>

The total net position of the Authority increased \$926,877 to \$38,238,838, an increase of 2.5% from the prior fiscal year, due to the contribution by the Villages of the previous year operating surplus to the Equipment Replacement Fund as well as other revenue streams such as connection fees, FOG (fats, oils, and grease) revenue and leachate revenue.

For more detailed information, see the Statement of Net Position beginning on page 13.

GLENBARD WASTEWATER AUTHORITY

MANAGEMENT'S DISCUSSION AND ANALYSIS

December 31, 2018

Activities

The Statement of Revenues, Expenses and Changes in Net position provides an indication of the Authority's financial health. A summary of the Authority's Statement of Revenues, Expenses and Changes in Net Position is presented below.

	<u>FY 2016</u>	<u>FY 2017</u>	<u>FY 2018</u>
Operating Revenues	\$ 7,455,808	\$ 7,421,656	\$ 7,431,990
Non-Operating Revenues	<u>868,299</u>	<u>1,286,271</u>	<u>593,123</u>
Total Revenues	<u>8,324,107</u>	<u>8,707,927</u>	<u>8,025,113</u>
Depreciation Expense	2,624,572	2,549,513	2,495,940
Other Operating Expenses	4,649,616	4,658,182	4,460,155
Non-Operating Expenses	<u>125,449</u>	<u>112,581</u>	<u>142,141</u>
Total Expenses	<u>7,399,637</u>	<u>7,320,276</u>	<u>7,098,236</u>
Changes in Net Position	924,470	1,387,651	926,877
Net Position – Beginning of Year	<u>34,999,840</u>	<u>35,924,310</u>	<u>37,311,961</u>
Net Position – End of Year	<u>\$35,924,310</u>	<u>\$37,311,961</u>	<u>\$38,238,838</u>

For more detailed information, see the Statement of Revenues, Expenses and Changes in Net Position on page 15.

Revenues

Operating Fund Revenues

Operating Fund operating revenues consist of contributions made by the Villages of Lombard and Glen Ellyn. These contributions are initially based on the adopted Operating Fund budget for the year and are adjusted so that total year-end operating revenues are equivalent to total year-end operating expenses, excluding depreciation expense and IMRF GASB 68 pension adjustment. Amounts that are contributed by the partners in excess of total year-end operating expenses are distributed based on each partner's five-year rolling average wastewater flow and are recorded in the Statement of Net Position as liabilities payable to the respective Villages.

GLENBARD WASTEWATER AUTHORITY

MANAGEMENT'S DISCUSSION AND ANALYSIS

December 31, 2018

A comparison of Operating Fund operating revenues from charges to the Villages for the fiscal year ended December 31, 2018 compared to the previous two years is shown in the table below.

<u>Partner</u>	<u>FY 2016</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>\$ Change from 2017 to 2018</u>	<u>% Change from 2017 to 2018</u>
Village of Lombard	\$2,294,324	\$2,306,219	\$2,311,758	\$ 5,539	0.24%
Village of Glen Ellyn	1,831,484	1,715,437	1,620,232	(95,205)	-5.55%
Total	\$4,125,808	\$4,021,656	\$3,931,990	\$ (89,666)	-2.23%

Operating revenues charged to the Villages are directly correlated to changes in operating costs. In 2018, savings were seen in maintenance, insurance, and sludge removal costs.

Equipment Replacement Fund Revenues

A comparison of Equipment Replacement Fund revenues for the fiscal year ended December 31, 2018 compared to the previous two years is shown in the table below:

<u>Revenue</u>	<u>FY 2016</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>\$ Change from 2017 to 2018</u>	<u>% Change from 2017 to 2018</u>
Lombard ¹	\$ 1,760,068	\$ 1,826,913	\$ 1,905,091	\$ 78,178	4.3%
Glen Ellyn ¹	1,569,932	1,573,087	1,594,909	21,822	1.4%
Excess Contributions ²	142,157	48,692	159,394	110,702	227.4%
Connection Fees ³	67,124	290,110	100,890	(189,220)	-65.2%
Leachate Revenue ⁴	166,863	156,100	139,300	(16,800)	-10.8%
Cell Tower Revenue ⁵	27,179	52,616	52,844	228	0.4%
FOG Revenue ⁶	35,818	167,806	23,944	(143,862)	-85.7%
Investment Income ⁷	6,260	11,936	69,995	58,059	486.4%
Grant Revenue ⁸	383,000	517,390	-	(517,390)	-100.0%
Other Income ⁹	41,472	24,097	(17,644)	(41,741)	-173.2%
Total Revenues	\$ 4,199,873	\$ 4,668,747	\$ 4,028,723	\$ (640,024)	-13.7%

¹ Each partner contributes an annual amount to be allocated for reinvestment in plant infrastructure and rehabilitation. Contributions are determined annually as a part of the budget preparation process and are allocated based on the wastewater flows contributed by each partner at the Glenbard Plant.

² As part of the closeout of the 2017 fiscal year, both Villages contributed their portion of the operating surplus in the Operating Fund to the Equipment Replacement Fund.

³ New connections to the respective sanitary sewer systems of the partners are charged a fee which is paid into the Equipment Replacement Fund. FY 2017 had greater fees than FY 2018 fees due to a few larger development projects.

GLENBARD WASTEWATER AUTHORITY

MANAGEMENT'S DISCUSSION AND ANALYSIS

December 31, 2018

4. Beginning in FY2012/13, the Authority began processing Leachate at the rate of two trucks per day. In FY2013/14, the number of trucks increased to three per day. In April 2014, the number of trucks was increased to a maximum of 6 per day, where it currently remains.
5. The Authority has an agreement with AT&T to house a cell phone tower on its premises. Beginning in November 2016, Verizon also entered into an agreement with the Authority to house a cell tower on the premises of the Glenbard plant.
6. Starting in 2016, the Authority began collecting Fats, Oils, and Grease (FOG) revenue. The Authority processes unwanted FOG from outside customers in the Authority's treatment process. This is a new revenue stream for the Authority. This process was halted at the end of FY17 as it caused an imbalance in the digester, resulting in a foul odor which disturbed neighboring subdivisions. The Authority began to receive FOG in 2018, however at a much reduced rate.
7. During 2018, interest rates rose as well as the cash balance in the Equipment Replacement Fund.
8. The Authority received state grants for its Combined Heat and Power capital project in 2016 and 2017. No grants were received in 2018.
9. The Authority received revenue in 2015 and 2016 for the EnerNoc Demand Response Program, which enables program participants to receive payment for being available to reduce or eliminate electricity consumption when the reliability of the electric grid is in jeopardy. No revenue was received in FY2017. There was revenue received in 2018; however, this was offset by a loss on the disposal of capital assets.

GLENBARD WASTEWATER AUTHORITY

MANAGEMENT'S DISCUSSION AND ANALYSIS

December 31, 2018

Expenses

Operating Fund Expenses

A comparison of Operating Fund expenses for FY 2018 compared to the previous two years is shown in the table below:

	FY 2016	FY 2017	FY 2018	2018 Percent of Total	\$ Change from 2017 to 2018	% Change from 2017 to 2018
Personnel Services ¹	\$1,592,611	\$1,583,225	\$1,583,762	41.45%	\$ 537	0.0%
IMRF Pension Expense	113,490	68,806	(132,646)	-3.47%	(201,452)	-292.8%
Contractual Services						
Maintenance ²	451,733	478,057	414,474	10.85%	(63,583)	-13.3%
Service Charge	128,372	128,372	129,270	3.38%	898	0.7%
Sludge Removal ³	155,380	179,218	153,121	4.01%	(26,097)	-14.6%
Utilities ⁴	1,015,080	645,708	672,769	17.61%	27,061	4.2%
Insurance ⁵	408,304	400,937	348,912	9.13%	(52,025)	-13.0%
Other ⁶	225,496	198,992	183,330	4.80%	(15,662)	-7.9%
Commodities ⁷	147,258	424,671	467,999	12.26%	43,328	10.2%
Total	\$4,237,724	\$4,107,986	\$3,820,991	100.02%	(\$286,995)	-7.0%

1. Personnel services include salaries for 17 full-time and 7 part-time/seasonal staff positions, overtime, Social Security and Medicare employer costs, and required retirement contributions to the Illinois Municipal Retirement Fund (IMRF) for full-time employees. Costs of employee health plan benefits are reflected in the "Insurance" category.
2. The Combined Heat and Power system was operational in FY17, increasing maintenance costs as the system requires annual maintenance of the systems. Equipment maintenance was down \$60,000 from the prior year. In FY17, spare engine parts were purchased at a cost of \$26,000 that were not purchased in FY18.
3. In 2017, an imbalance of the digester caused a foul odor at the facility. Additional sludge hauling was done to remove any solids which may be contributing to the odor.
4. The implementation of the Combined Heat and Power system reduced costs for utilities, mainly for electric power. Due to the upset of the digester in FY17, the system was not run at its full capacity and therefore electric power costs increased for FY18.
5. Health insurance costs decreased \$20,000 and liability insurance costs decreased \$30,000 from the prior year.
6. Legal, lab, and design engineering costs were all decreased from 2017.
7. The Authority began purchasing liquid oxygen in 2017 rather than producing it, raising commodity costs from 2016. In 2018, the expense for liquid oxygen increased \$100,454. Also, chemical costs increased in 2017, trying to neutralize the odor that occurred as well as due to price increases.

GLENBARD WASTEWATER AUTHORITY

MANAGEMENT'S DISCUSSION AND ANALYSIS

December 31, 2018

Equipment Replacement Fund Expenses

The Authority invested over \$5.2 million in the continued replacement and rehabilitation of various capital equipment and plant upgrades during the fiscal year ended December 31, 2018. The major project undertaken during the year was the Facility Improvement Plan.

Capital Assets

A schedule of the Authority's capital asset balances is presented below.

	<u>FY 2016</u>	<u>FY 2017</u>	<u>FY 2018</u>
Capital Assets, Not Being Depreciated	<u>\$ 1,757,788</u>	<u>\$10,599,278</u>	<u>\$15,677,188</u>
Capital Assets Being Depreciated	94,636,354	95,685,895	95,732,343
Less: Accumulated Depreciation	<u>(57,480,371)</u>	<u>(60,029,884)</u>	<u>(62,497,541)</u>
Total Capital Assets Being Depreciated, Net	<u>37,155,983</u>	<u>35,656,011</u>	<u>33,234,802</u>
Net Capital Assets	<u><u>\$38,913,771</u></u>	<u><u>\$46,255,289</u></u>	<u><u>\$48,911,990</u></u>

For more detailed information, see Note 3 on page 24.

Long-Term Debt

A schedule of the Authority's State of Illinois EPA loan balances at December 31, 2018 is presented below.

	<u>Amount</u>
Digester Project	<u>\$ 3,799,771</u>
Facility Improvement Project	<u>12,149,837</u>
	<u><u>\$ 15,949,608</u></u>

The Authority is in process of drawing down funds for the Facility Improvement Project and the total approved loan amount is \$16,725,000. A final repayment schedule will not be available until construction is complete and final disbursements are reimbursed.

For more detailed information, see Note 3 on pages 25-26.

Contacting the Authority's Financial Management

This financial report is designed to provide the users of these financial statements an overview of the Authority's operations and finances and to demonstrate accountability for the funds it receives. Questions concerning these financial statements may be directed to the Authority at 945 Bemis Road, Glen Ellyn, IL 60137.

FINANCIAL STATEMENTS

GLENBARD WASTEWATER AUTHORITY, GLEN ELLYN, ILLINOIS

Statement of Net Position

December 31, 2018

(with Comparative Information for December 31, 2017)

See Following Page

GLENBARD WASTEWATER AUTHORITY, GLEN ELLYN, ILLINOIS

Statement of Net Position

December 31, 2018

(with Comparative Information for December 31, 2017)

	December 31, 2018	December 31, 2017
ASSETS		
Current Assets		
Restricted Cash and Investments		
Working Cash Account	\$ 1,573,861	1,220,060
Equipment Replacement Account	5,549,627	4,130,035
Accounts Receivable - Net of Allowances		
Accounts Receivable	42,983	42,987
Member Contributions	31,883	31,770
Loans	660,174	385,126
Inventory and Prepays	156,625	151,873
Total Current Assets	<u>8,015,153</u>	<u>5,961,851</u>
Noncurrent Assets		
Capital Assets		
Nondepreciable Capital Assets	15,677,188	10,599,278
Depreciable Capital Assets	95,732,343	95,685,895
Accumulated Depreciation	<u>(62,497,541)</u>	<u>(60,029,884)</u>
Total Capital Assets	48,911,990	46,255,289
Other Assets		
Net Pension Asset - IMRF	<u>-</u>	<u>297,109</u>
Total Noncurrent Assets	<u>48,911,990</u>	<u>46,552,398</u>
Total Assets	<u>56,927,143</u>	<u>52,514,249</u>
DEFERRED OUTFLOWS OF RESOURCES		
Deferred Items - IMRF	<u>704,968</u>	<u>239,180</u>
Total Assets and Deferred Outflows of Resources	<u>57,632,111</u>	<u>52,753,429</u>

The notes to the financial statements are an integral part of this statement.

	December 31, 2018	December 31, 2017
LIABILITIES		
Current Liabilities		
Accounts Payable	\$ 1,732,238	2,177,347
Unearned Rental Revenue	23,030	22,144
Members Payable	481,293	189,954
Accrued Payroll	86,141	70,623
Interest Payable	40,011	45,613
Current Portion of Long-Term Debt	572,509	557,962
Total Current Liabilities	<u>2,935,222</u>	<u>3,063,643</u>
Noncurrent Liabilities		
Compensated Absences	108,458	103,813
Net Pension Liability - IMRF	820,014	-
FIP Loan Payable	12,149,837	7,548,983
Digester Loan Payable	3,254,376	3,799,773
Total Noncurrent Liabilities	<u>16,332,685</u>	<u>11,452,569</u>
Total Liabilities	19,267,907	14,516,212
DEFERRED INFLOWS OF RESOURCES		
Deferred Items - IMRF	<u>125,366</u>	<u>925,256</u>
Total Liabilities and Deferred Inflows of Resources	<u>19,393,273</u>	<u>15,441,468</u>
NET POSITION		
Net Investment in Capital Assets	32,962,382	34,374,524
Restricted	<u>5,276,456</u>	<u>2,937,437</u>
Total Net Position	<u><u>38,238,838</u></u>	<u><u>37,311,961</u></u>

The notes to the financial statements are an integral part of this statement.

GLENBARD WASTEWATER AUTHORITY, GLEN ELLYN, ILLINOIS

Statement of Revenues, Expenses, and Changes in Net Position

For the Fiscal Year Ended December 31, 2018

(with Comparative Information for the Fiscal Year Ended December 31, 2017)

	December 31, 2018	December 31, 2017
Operating Revenues		
Charges to Villages	\$ 7,431,990	7,421,656
Operating Expenses		
Personnel Services	1,583,762	1,648,081
IMRF Pension Expense	(148,555)	69,337
Contractual Services		
Maintenance	414,474	478,057
Service Charge	129,270	128,372
Sludge Removal	153,121	179,218
Utilities	672,769	645,708
Insurance	348,912	404,506
Other	184,285	198,992
Commodities	467,999	424,671
Maintenance of Capital Facilities and Equipment	654,118	481,240
Depreciation	2,495,940	2,549,513
Total Operating Expenses	6,956,095	7,207,695
Operating Income	475,895	213,961
Nonoperating Revenues (Expenses)		
Surplus Contributions	159,394	48,692
Connection Fees	100,890	290,110
Enernoc Demand Response	17,156	-
Leachate Revenues	139,300	156,100
Fats, Oil & Grease Waste Fees	23,944	167,806
Cell Tower Revenues	52,844	52,616
Other Income	8,041	15,638
Sale of Capital Assets	(42,753)	13,374
Grant Revenue	-	517,390
Investment Income	91,554	24,545
Interest Expense	(99,388)	(112,581)
Total Nonoperating Revenues (Expenses)	450,982	1,173,690
Change in Net Position	926,877	1,387,651
Net Position - Beginning	37,311,961	35,924,310
Net Position - Ending	38,238,838	37,311,961

The notes to the financial statements are an integral part of this statement.

GLENBARD WASTEWATER AUTHORITY, GLEN ELLYN, ILLINOIS

Statement of Cash Flows

For the Fiscal Year Ended December 31, 2018

(with Comparative Information for the Fiscal Year Ended December 31, 2017)

	December 31, 2018	December 31, 2017
Cash Flows from Operating Activities		
Receipts from Charges to Villages	\$ 7,610,897	8,164,852
Payments to Employees	(1,435,207)	(1,717,418)
Payments to Suppliers	(3,310,665)	(767,335)
	<u>2,865,025</u>	<u>5,680,099</u>
Cash Flows from Capital and Related Financing Activities		
Purchase of Capital Assets	(5,199,225)	(9,891,031)
Disposal of Capital Assets	46,584	-
Issuance of Capital Related Debt	4,600,854	7,548,983
Interest and Fiscal Charges	(99,388)	(112,581)
Payment of Loans Principal	(532,011)	(518,956)
	<u>(1,183,186)</u>	<u>(2,973,585)</u>
Cash Flows from Investing Activities		
Investment Income	<u>91,554</u>	<u>24,545</u>
Net Change in Cash and Cash Equivalents	1,773,393	2,731,059
Cash and Cash Equivalents		
Beginning	<u>5,350,095</u>	<u>2,619,036</u>
Ending	<u><u>7,123,488</u></u>	<u><u>5,350,095</u></u>
Reconciliation of Operating Income to Net Cash Provided (Used) by Operating Activities		
Operating Income	475,895	213,961
Adjustments to Reconcile Operating Income to Net Income to Net Cash Provided by (Used In) Operating Activities:		
Depreciation Expense	2,495,940	2,549,513
Other Income	458,816	1,261,726
Other Expense	(148,555)	-
(Increase) Decrease in Current Assets	(279,909)	(518,530)
Increase (Decrease) in Current Liabilities	(137,162)	2,173,429
Net Cash Provided by Operating Activities	<u><u>2,865,025</u></u>	<u><u>5,680,099</u></u>

The notes to the financial statements are an integral part of this statement.

GLENBARD WASTEWATER AUTHORITY, GLEN ELLYN, ILLINOIS

Notes to the Financial Statements December 31, 2018

NOTE 1 – SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

The Glenbard Wastewater Authority, Glen Ellyn, Illinois, Illinois (the “Authority”) was created and established by an agreement dated November 28, 1977, between the Villages of Lombard, Illinois and Glen Ellyn, Illinois, for the purpose of jointly treating and processing wastewater. This agreement has been amended since inception. The last amendment was April 17, 2014. The wastewater is treated in two plants, known as the Glenbard Wastewater Authority and the Lombard Storm Water Facility.

Construction of the facilities was financed by monies appropriated by the Villages and by grants from the U.S. Environmental Protection Authority. The Village of Glen Ellyn, as the designated lead Authority, maintained the Glenbard Lead Authority Construction Fund, which included all transactions relating to planning, design, and construction of the wastewater treatment facilities. The cost of the facilities, which aggregated \$43,297,682, was contributed to the Authority by the Glenbard Lead Authority Construction Fund.

In accordance with the 1977 agreement, as amended in April 1998 and April 2014, the Village of Glen Ellyn provides certain management services (administration, personnel, payroll, data processing, and accounting services) to the Authority. The Village is reimbursed for such services and, therefore, receives a service charge (overhead fee) pursuant to the agreement.

The government-wide financial statements are prepared in accordance with generally accepted accounting principles (GAAP). The Governmental Accounting Standards Board (GASB) is responsible for establishing GAAP for state and local governments through its pronouncements (Statements and Interpretations). The more significant of the Authority’s accounting policies established in GAAP and used by the Authority are described below.

REPORTING ENTITY

In evaluating how to define the Authority for financial reporting purposes, management has considered all potential component units. Criteria for including a component unit in the Authority’s reporting entity principally consist of the potential component unit’s financial interdependency and accountability to the Authority. Based on those criteria, there are no potential component units to be included in the reporting entity. The Authority itself is not a component unit of another governmental entity, but rather is considered to be a jointly governed organization.

BASIS OF PRESENTATION

In the Statement of Net Position, the Authority’s activities are reported on a full accrual, economic resources basis, which recognizes all long-term assets/deferred outflows and receivables as well as long-term obligations/deferred inflows.

GLENBARD WASTEWATER AUTHORITY, GLEN ELLYN, ILLINOIS

Notes to the Financial Statements December 31, 2018

NOTE 1 – SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES – Continued

BASIS OF PRESENTATION – Continued

The Authority uses funds to report on its financial position and the results of its operations. Fund accounting is designed to demonstrate legal compliance and to aid financial management by segregating transactions related to certain government functions or activities. A fund is a separate accounting entity with a self-balancing set of accounts.

The Authority utilizes a single proprietary fund. Proprietary funds are used to account for activities similar to those found in the private sector, where the determination of net income is necessary or useful to sound financial administration. Goods or services from such activities are provided to outside parties.

MEASUREMENT FOCUS AND BASIS OF ACCOUNTING

Measurement focus is a term used to describe “which” transactions are recorded within the various financial statements. Basis of accounting refers to “when” transactions are recorded regardless of the measurement focus applied.

Measurement Focus

All proprietary funds utilize an “economic resources” measurement focus. The accounting objectives of this measurement focus are the determination of operating income, changes in net position, financial position, and cash flows. All assets/deferred outflows and liabilities/deferred inflows (whether current or noncurrent) associated with their activities are reported. Proprietary fund equity is classified as net position.

Basis of Accounting

The Authority’s basic financial statements are presented using the accrual basis of accounting. Under the accrual basis of accounting, revenues are recognized when earned and expenses are recorded when the liability is incurred or economic asset used.

Proprietary funds distinguish operating revenues and expenses from nonoperating items. Operating revenues and expenses generally result from providing services and producing and delivering goods in connection with a proprietary fund’s principal ongoing operations. The principal operating revenues of the Authority are charges to customers for services. Operating expenses include the cost of services, administrative expenses, and depreciation and amortization on capital assets. All revenues and expenses not meeting this definition are reported as nonoperating revenues and expenses.

GLENBARD WASTEWATER AUTHORITY, GLEN ELLYN, ILLINOIS

**Notes to the Financial Statements
December 31, 2018**

NOTE 1 – SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES – Continued

ASSETS/DEFERRED OUTFLOWS, LIABILITIES/DEFERRED INFLOWS, AND NET POSITION OR EQUITY – Continued

Cash and Investments

For the purpose of the Statement of Net Position, the cash and cash equivalents are considered to be cash on hand, demand deposits and short-term investments with original maturities of three months or less from the date of purchase.

Investments are generally reported at fair value. Short-term investments are reported at cost, which approximates fair value. For investments, the Authority categorizes its fair value measurements within the fair value hierarchy established by generally accepted accounting principles. The hierarchy is based on the valuation inputs used to measure the fair value of the asset. Level 1 inputs are quoted prices in active markets for identical assets; Level 2 inputs are significant other observable inputs; Level 3 inputs are significant unobservable inputs. All of the Authority's investments are in 2a7-like investment pools that are measured at the net asset value per share determined by the pool.

Restricted Cash and Investments

Refer to the working cash account and equipment replacement account sections in the Net Position note for details on assets restricted under intergovernmental and grant agreements.

Receivables

In the government-wide financial statements, receivables consist of all revenues earned at year-end and not yet received. There is no allowance for uncollectible since these amounts are expected to be fully collectible. The Authority reports member contributions as its major receivable.

Prepays/Inventories

Certain payments to vendors reflect costs applicable to future accounting periods and are recorded as prepaids in both the government-wide and fund financial statements. Prepays/inventories are valued at cost, which approximates market, using the first-in/first-out (FIFO) method.

GLENBARD WASTEWATER AUTHORITY, GLEN ELLYN, ILLINOIS

**Notes to the Financial Statements
December 31, 2018**

NOTE 1 – SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES – Continued

ASSETS/DEFERRED OUTFLOWS, LIABILITIES/DEFERRED INFLOWS, AND NET POSITION OR EQUITY – Continued

Capital Assets

Capital assets purchased or acquired are reported at historical cost or estimated historical cost. For movable property, the Authority’s capitalization policy includes all items with a unit cost of \$20,000 or more, depending on asset class, and an estimated useful life that is greater than one year. Renovations to buildings and land improvements that significantly increase the value or extend the useful life of the structure are capitalized. Routine repairs and maintenance are charged to operating expense in the year in which the expense was incurred. Donated capital assets are recorded at estimated acquisition value at the date of donation. Depreciation has been provided using the straight-line method over the following estimated useful lives of the assets:

Vehicles	7 Years
Land Improvements	7 - 20 Years
Equipment	10 - 15 Years
Buildings and Improvements	10 - 45 Years
Sewer Lines	40 - 50 Years

Deferred Outflows/Inflows of Resources

Deferred outflow/inflow of resources represents an acquisition/reduction of net position that applies to a future period and therefore will not be recognized as an outflow of resources (expense)/inflow of resources (revenue) until that future time.

Compensated Absences

The Authority grants a specific number of annual leave hours bi-weekly with pay to its employees. Earned annual leave and compensatory time may be accumulated and is payable to the employee upon termination of employment and, therefore, is accrued through year-end. Long-term accumulated sick leave is not reimbursable upon termination of employment and, therefore, is not accrued.

Long-Term Obligations

In the financial statements long-term debt and other long-term obligations are reported as liabilities in the Statement of Net Position. Loan premiums and discounts are deferred and amortized over the life of the bonds using the effective interest method. Loans payable are reported net of the applicable loan premium or discount. Loan issuance costs are reported as expenses at the time of issuance.

GLENBARD WASTEWATER AUTHORITY, GLEN ELLYN, ILLINOIS

**Notes to the Financial Statements
December 31, 2018**

NOTE 1 – SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES – Continued

ASSETS/DEFERRED OUTFLOWS, LIABILITIES/DEFERRED INFLOWS, AND NET POSITION OR EQUITY – Continued

Net Position

In the government-wide financial statements, equity is classified as net position and displayed in two components:

Net Investment in Capital Assets – Consists of capital assets including restricted capital assets, net of accumulated depreciation and reduced by the outstanding balances of any bonds, mortgages, notes or other borrowings that are attributable to the acquisition, construction, or improvement of those assets.

Restricted – Consists of net position with constraints placed on the use either by (1) external groups such as creditors, grantors, contributors, or laws or regulations of other governments; or (2) law through constitutional provisions or enabling legislations.

Unrestricted – All other net position balances that do not meet the definition of “restricted” or “net investment in capital assets.”

The Authority considers restricted amounts to have been spent when an expenditure is incurred for purposes for which both restricted and unrestricted fund position is available.

NOTE 2 – STEWARDSHIP, COMPLIANCE AND ACCOUNTABILITY

BUDGETARY INFORMATION

Budgeted amounts used for comparison in this report are obtained from the operating budget of the Authority, approved by Glenbard Wastewater Authority Board of Directors, which is prepared in accordance with generally accepted accounting principles, except that depreciation expense is not part of the operating budget, and note principal payments are budgeted as expenses. The budget amounts included in the supplemental information are from the final adopted budget, including all amendments, which were not significant. The budget lapses at the end of the fiscal year.

GLENBARD WASTEWATER AUTHORITY, GLEN ELLYN, ILLINOIS

Notes to the Financial Statements December 31, 2018

NOTE 3 – DETAILED NOTES ON THE BASIC FINANCIAL STATEMENTS

DEPOSITS AND INVESTMENTS

Permitted Deposits and Investments – Statutes authorize the Authority to make deposits/invest in commercial banks, savings and loan institutions, obligations of the U.S. Treasury and U.S. Agencies, obligations of States and their political subdivisions, credit union shares, repurchase agreements, commercial paper rated within the three highest classifications by at least two standard rating services, and the Illinois Funds and Illinois Metropolitan Investment Fund investment pools.

Illinois Funds is an investment pool management by the Illinois Public Treasurer’s Office, which allows governments within the state to pool their funds for investment purposes. Illinois Funds is not registered with the SEC as an investment company. Investments in Illinois Funds are valued at the share price, the price for which the investment could be sold.

The Illinois Metropolitan Investment Fund (IMET) is a non-for-profit investment trust formed pursuant to the Illinois Municipal Code. IMET is managed by a Board of Trustees elected from the participating members. IMET is not registered with the SEC as an Investment Company. Investments in IMET are valued at the share price, the price for which the investment could be sold.

Interest Rate Risk, Credit Risk, Custodial Credit Risk and Concentration Risk

Deposits. At year-end, the carrying amount of the Authority’s deposits totaled \$2,034,992 and the bank balances totaled \$2,133,113. The Authority also has \$2,579,305 invested in the Illinois Funds and \$2,509,191 in IMET at year end.

Interest Rate Risk. Interest rate risk is the risk that changes in interest rates will adversely affect the fair value of an investment. The Authority’s investment policy states they will attempt to match its investments with anticipated cash flows requirements. Unless matched to a specific cash flow, the Authority will not directly invest in securities maturing more than five years from the date of purchase. Any investment purchased with a maturity longer than four years must be supported with written documentation explaining the reason for the purchase and must be supported with written documentation explaining the reason for the purchase and must be specifically approved by the Authority Board. The Authority’s investments in the Illinois Funds and IMET have an average maturity of less than one year.

GLENBARD WASTEWATER AUTHORITY, GLEN ELLYN, ILLINOIS

**Notes to the Financial Statements
December 31, 2018**

NOTE 3 – DETAILED NOTES ON THE BASIC FINANCIAL STATEMENTS – Continued

DEPOSITS AND INVESTMENTS – Continued

Interest Rate Risk, Credit Risk, Custodial Credit Risk and Concentration Risk – Continued

Credit Risk. Credit risk is the risk that an issuer or other counterparty to an investment will not fulfill its obligations. The Authority may invest in any type of security authorized by the State of Illinois Public Funds Investment Act (30 ILCS 235/) regarding the investment of public funds. The Authority’s investments in the Illinois Funds is rated AAAM by Standard & Poor’s and the Authority’s investment in IMET is rated AA by Standard & Poor’s.

Custodial Credit Risk. In the case of deposits, this is the risk that in the event of a bank failure, the Authority’s deposits may not be returned to it. The Authority’s policy requires that funds on deposit in excess of FDIC limits be secured by some form of collateral. The Authority will accept government securities, obligations of federal agencies, obligations of federal instrumentalities, and obligations of the State of Illinois. At year end, the entire bank balance was covered by collateral, federal depository or equivalent insurance.

For an investment, this is the risk that, in the event of the failure of the counterparty, the Authority will not be able to recover the value of its investments or collateral securities that are in the possession of an outside party. At December 31, 2018, the Authority’s investment in the Illinois Funds and IMET funds are not subject to custodial credit risk.

Concentration of Credit Risk. This is the risk of loss attributed to the magnitude of the Authority’s investment in a single issuer. At year-end, the Authority does not have any investments over 5 percent of the total cash and investment portfolio (other than investments issued or explicitly guaranteed by the U.S. government and investments in mutual funds, external investment pools, and other pooled investments).

CONSTRUCTION COMMITMENTS

The Authority has entered into contracts for the construction or renovation of various facilities as follows:

<u>Project</u>	<u>Expended to Date</u>	<u>Remaining Commitment</u>
Facility Improvement Plan	\$ 12,870,933	5,618,367

GLENBARD WASTEWATER AUTHORITY, GLEN ELLYN, ILLINOIS

**Notes to the Financial Statements
December 31, 2018**

NOTE 3 – DETAILED NOTES ON THE BASIC FINANCIAL STATEMENTS – Continued

CAPITAL ASSETS

The following is a summary of capital assets as of the date of this report:

	Beginning Balances	Additions	Deletions	Ending Balances
Nondepreciable Capital Assets				
Land	\$ 466,788	32,632	-	499,420
Property Easement	-	168,607	-	168,607
Construction in Progress	10,132,490	4,876,671	-	15,009,161
	<u>10,599,278</u>	<u>5,077,910</u>	<u>-</u>	<u>15,677,188</u>
Depreciable Capital Assets				
Glenbard Plant	67,498,466	121,315	74,867	67,544,914
Stormwater Plant	11,865,247	-	-	11,865,247
North Regional Interceptor	10,751,759	-	-	10,751,759
South Regional Interceptor	5,570,423	-	-	5,570,423
	<u>95,685,895</u>	<u>121,315</u>	<u>74,867</u>	<u>95,732,343</u>
Less Accumulated Depreciation				
Glenbard Plant	40,788,071	1,700,057	28,283	42,459,845
Stormwater Plant	8,675,591	258,762	-	8,934,353
North Regional Interceptor	7,365,164	300,014	-	7,665,178
South Regional Interceptor	3,201,058	237,107	-	3,438,165
	<u>60,029,884</u>	<u>2,495,940</u>	<u>28,283</u>	<u>62,497,541</u>
Total Net Depreciable Capital Assets	<u>35,656,011</u>	<u>(2,374,625)</u>	<u>46,584</u>	<u>33,234,802</u>
Total Net Capital Assets	<u>46,255,289</u>	<u>2,703,285</u>	<u>46,584</u>	<u>48,911,990</u>

Depreciation was allocated to the members as follows:

Village of Lombard	\$ 1,357,667
Village of Glen Ellyn	<u>1,138,273</u>
	<u>2,495,940</u>

GLENBARD WASTEWATER AUTHORITY, GLEN ELLYN, ILLINOIS

**Notes to the Financial Statements
December 31, 2018**

NOTE 3 – DETAILED NOTES ON THE BASIC FINANCIAL STATEMENTS – Continued

LONG-TERM DEBT

Loans Payable

The Authority has entered into loan agreements to provide low interest financing for capital improvements. Loans currently outstanding are as follows:

Issue	Beginning Balances	Issuances	Retirements	Ending Balances (a)
Anaerobic Digester Loan Payable dated October 10, 2007, due in annual installments of \$637,002, including interest at 2.500%, through July 31, 2024.	\$ 4,331,782	-	532,011	3,799,771 (b)
Facility Improvement Project Loan Payable dated September 23, 2016, due in annual installments of \$425,208, including interest at 1.750%, through October 10, 2039.	7,548,983	4,600,854	-	12,149,837 (c)
	<u>11,880,765</u>	<u>4,600,854</u>	<u>532,011</u>	<u>15,949,608</u>

(a) Includes construction interest.

(b) Amounts disbursed as of the date of the audit report is \$7,703,497. Total approved loan amount is \$7,700,000. The future debt service shown here has been calculated based on a preliminary repayment schedule issued by the IEPA and adjusted for final disbursements reimbursed. As of December 31, 2018, there were no additional loan requests outstanding. The original amount exceeds the \$7,700,000 due to estimated construction interest.

(c) Amounts disbursed as of the date of the audit report is \$12,149,837. Total approved loan amount is \$16,725,000. The final repayment schedule for this loan will not be available until construction is complete and final disbursements are reimbursed.

GLENBARD WASTEWATER AUTHORITY, GLEN ELLYN, ILLINOIS

**Notes to the Financial Statements
December 31, 2018**

NOTE 3 – DETAILED NOTES ON THE BASIC FINANCIAL STATEMENTS – Continued

LONG-TERM DEBT – Continued

Long-Term Liability Activity

Changes in long-term liabilities during the fiscal year were as follows:

Type of Debt	Beginning Balances	Additions	Deductions	Ending Balances	Amounts Due within One Year
Compensated Absences	\$ 129,766	11,612	5,806	135,572	27,114
Net Pension Liability/(Asset) - IMRF	(297,109)	1,117,123	-	820,014	-
Loans Payable	11,880,765	4,600,854	532,011	15,949,608	545,395
	<u>11,713,422</u>	<u>5,729,589</u>	<u>537,817</u>	<u>16,905,194</u>	<u>572,509</u>

Debt Service Requirements to Maturity

The annual debt service requirements to maturity, including principal and interest, are as follows:

Fiscal Year	Loans Payable	
	Principal	Interest
2019	\$ 545,395	91,607
2020	559,115	77,887
2021	573,180	63,822
2022	587,599	49,403
2023	602,381	34,621
2024	617,534	19,468
2025	<u>314,567</u>	<u>3,932</u>
	<u>3,799,771</u>	<u>340,740</u>

The Facility Improvement Project Loan Payable does not have final repayment schedule; therefore, is not included in the debt service requirements to maturity above.

GLENBARD WASTEWATER AUTHORITY, GLEN ELLYN, ILLINOIS

**Notes to the Financial Statements
December 31, 2018**

NOTE 3 – DETAILED NOTES ON THE BASIC FINANCIAL STATEMENTS – Continued

NET POSITION

Net Position Classification

Net position consists of the following as of December 31, 2018 and December 31, 2017:

	December 31, 2018	December 31, 2017
Net Position		
Net Investment in Capital Assets	\$ 32,962,382	34,374,524
Equipment Replacement Account (Restricted)	4,683,366	2,476,985
Working Cash Account (Restricted)	593,090	460,452
Total Net Position	<u>38,238,838</u>	<u>37,311,961</u>

Net investment in capital assets was comprised of the following as of December 31, 2018 and December 31, 2017:

	December 31, 2018	December 31, 2017
Business-Type Activities		
Capital Assets - Net of Accumulated Depreciation	\$ 48,911,990	46,255,289
Less Capital Related Debt:		
Loans Payable	<u>(15,949,608)</u>	<u>(11,880,765)</u>
Net Investment in Capital Assets	<u>32,962,382</u>	<u>34,374,524</u>

GLENBARD WASTEWATER AUTHORITY, GLEN ELLYN, ILLINOIS

Notes to the Financial Statements December 31, 2018

NOTE 3 – DETAILED NOTES ON THE BASIC FINANCIAL STATEMENTS – Continued

NET POSITION – Continued

Equipment Replacement Fund

The equipment replacement account is required under the grant agreement from the U.S. Environmental Protection Agency and represents accumulated funds held for plan and equipment replacement. The activities for the years ended December 31, 2018 and December 31, 2017 are as follows:

	December 31, 2018	December 31, 2017
Beginning Balance	\$ 36,851,517	35,395,060
Revenue and Expense Results within Equipment Replacement Sub-Fund	(439,218)	545,342
Surplus Contributions	159,394	48,692
Investment Income (Loss)	69,995	11,936
Service Fees Charged to Villages	3,500,000	3,400,000
Depreciation	(2,495,940)	(2,549,513)
	<u>37,645,748</u>	<u>36,851,517</u>
Less: Net Investment in Capital Assets	(32,962,382)	(34,374,524)
	<u>4,683,366</u>	<u>2,476,993</u>
Restricted for Future Plant and Equipment Replacement	<u>4,683,366</u>	<u>2,476,993</u>

Working Cash Account

The agreement dated November 28, 1977 and all amended agreements as of March 31, 1987 between the Villages were amended as of April 16, 1998. The purpose of the amendment was to provide the Authority the ability to maintain a working cash account as of the end of the fiscal year at a level not less than 25% of the annual operating and maintenance expenses exclusive of depreciation and equipment replacement. Working cash is calculated as the total general ledger cash and short-term investment balances less all current and prior open encumbrances (Operating Sub-Fund only). In the event the working cash balance at the end of the fiscal year is less than 25% of the annual operating expenses exclusive of depreciation and equipment replacement, each of the Villages will contribute an amount sufficient to adjust the working cash balance to the minimum amount required. The required contribution by the Villages is based upon their proportionate share of total operating expenses for the year. No additional funding is required by the Villages in the event the minimum 25% of operating expense working cash requirement is satisfied as of the end of the fiscal year. Additionally, the amendment also was designed to modify the payment process with the Villages. The following is the calculation of the working cash account required:

GLENBARD WASTEWATER AUTHORITY, GLEN ELLYN, ILLINOIS

**Notes to the Financial Statements
December 31, 2018**

NOTE 3 – DETAILED NOTES ON THE BASIC FINANCIAL STATEMENTS – Continued

NET POSITION – Continued

Working Cash Account – Continued

	Village of Lombard	Village of Glen Ellyn	December 31, 2018	December 31, 2017
Operating Expenses (as Defined in Intergovernmental Agreement)	\$ 2,324,485	1,629,152	3,953,637	4,039,180
Minimum Working Capital Balance (25% of Operating Expenses)	\$ 581,121	407,288	988,409	1,009,795
Cash and Investments - Operating Sub-Fund			\$ 1,573,861	1,220,060
Less: Outstanding Encumbrances			(26,905)	(21,702)
Working Cash			1,546,956	1,198,358
Less: Required Working Cash			(988,409)	(1,009,795)
Working Cash over Minimum Requirement			558,547	188,563

Working cash balance computation:

	Village of Lombard	Village of Glen Ellyn	Totals
Amount Required	\$ (581,121)	(407,288)	(988,409)
Amount Available	909,511	637,445	1,546,956
Cash Reserve Excess	328,390	230,157	558,547

GLENBARD WASTEWATER AUTHORITY, GLEN ELLYN, ILLINOIS

Notes to the Financial Statements December 31, 2018

NOTE 4 – OTHER INFORMATION

RISK MANAGEMENT

The Authority is exposed to various risks of loss related to torts; theft of, damage to and destruction of assets; errors and omissions; natural disasters; and injuries to the Authority's employees. These risks are covered by commercial insurance. There has been no significant reduction in coverage in any program from coverage in the prior year. For all programs, settlement amounts have not exceeded insurance coverage for the past three years.

Municipal Insurance Cooperative Association

Effective January 1, 2003, the Authority joined together with other local governments in Illinois in the Municipal Insurance Cooperative Association (MICA). MICA is a public entity risk pool operating a common risk management and insurance program for its member governments. The Authority pays an annual premium to MICA based upon the Authority's prior experience within the pool. Amounts paid into the pool in excess of claims for any coverage year may be rebated back to members in subsequent periods. The Authority is not aware of any additional premiums owed to MICA for the current or prior year claims. The Authority pays the first \$5,000 for property, liability and crime claims. MICA maintains selective reinsurance contracts to cover potential claims to the total loss aggregate for all members of \$11,750,000. MICA also purchases excess coverage of \$400,000,000 for property liability and \$9,000,000 for other liability.

Intergovernmental Risk Management Agency (IRMA)

Prior to joining MICA, the Authority participated in the Intergovernmental Risk Management Agency (IRMA) through December 31, 2002. IRMA is an organization of municipalities and special districts in Northeastern Illinois which have formed an association under the Illinois Intergovernmental Cooperation's Statute to pool its risk management needs. The agency administers a mix of self-insurance and commercial insurance coverages; property/casualty and workers' compensation claim administration/litigation management services; unemployment claim administration; extensive risk management/loss control consulting and training programs; and a risk information system and financial reporting service for its members.

IRMA has actuarially calculated loss reserves for claims incurred while the Authority was an active member. The Authority has continuing responsibilities to IRMA for any open claims that exceed the reserved amounts. These claims are offset by the Authority's \$31,453 member reserve balance with IRMA.

GLENBARD WASTEWATER AUTHORITY, GLEN ELLYN, ILLINOIS

Notes to the Financial Statements December 31, 2018

NOTE 4 – OTHER INFORMATION – Continued

RISK MANAGEMENT – Continued

Intergovernmental Personnel Benefit Cooperative (IPBC)

Risks for medical and death benefits for employees and retirees are provided for through the Authority's participation in the Intergovernmental Personnel Benefit Cooperative (IPBC) (through the Village of Glen Ellyn). IPBC acts as an administrative agency to receive, process and pay such claims as may come within the benefit program of each member. IPBC maintains specific reinsurance coverage for claims in excess of \$50,000 per individual employee participant. The Authority pays premiums to IPBC based upon current employee participation and its prior experience factor with the pool. Current year overages or underages for participation in the pool are adjusted into subsequent years' experience factor for premiums.

CONTINGENT LIABILITIES

Litigation

The Authority does not have any pending or threatened litigation, claims or assessments as of the opinion date.

EMPLOYEE RETIREMENT SYSTEM – DEFINED BENEFIT PENSION PLAN

Illinois Municipal Retirement Fund (IMRF)

The Authority contributes to the Illinois Municipal Retirement Fund (IMRF), through the Village of Glen Ellyn's, a defined benefit agent multiple-employer public employee retirement system that acts as a common investment and administrative agent for local governments and school districts in Illinois. IMRF provides retirement, disability, annual cost-of-living adjustments and death benefits to plan members and beneficiaries. IMRF issues a publicly available financial report that includes financial statements and required supplementary information for the plan as a whole, but not by individual employer. That report may be obtained online at www.imrf.org. The benefits, benefit levels, employee contributions, and employer contributions are governed by Illinois Compiled Statutes (ILCS) and can only be amended by the Illinois General Assembly.

Plan Descriptions

Plan Administration. All employees hired in positions that meet or exceed the prescribed annual hourly standard must be enrolled in IMRF as participating members. The plan is accounted for on the economic resources measurement focus and the accrual basis of accounting. Employer and employee contributions are recognized when earned in the year that the contributions are required, benefits and refunds are recognized as an expense and liability when due and payable.

GLENBARD WASTEWATER AUTHORITY, GLEN ELLYN, ILLINOIS

**Notes to the Financial Statements
December 31, 2018**

NOTE 4 – OTHER INFORMATION – Continued

EMPLOYEE RETIREMENT SYSTEM – DEFINED BENEFIT PENSION PLAN – Continued

Illinois Municipal Retirement Fund (IMRF) – Continued

Plan Descriptions – Continued

Benefits Provided. IMRF has three benefit plans. The vast majority of IMRF members participate in the Regular Plan (RP). The Sheriff's Law Enforcement Personnel (SLEP) plan is for sheriffs, deputy sheriffs, and selected police chiefs. Counties could adopt the Elected County Official (ECO) plan for officials elected prior to August 8, 2011 (the ECO plan was closed to new participants after that date).

IMRF provides two tiers of pension benefits. Employees hired *before* January 1, 2011, are eligible for Tier 1 benefits. Tier 1 employees are vested for pension benefits when they have at least eight years of qualifying service credit. Tier 1 employees who retire at age 55 (at reduced benefits) or after age 60 (at full benefits) with eight years of service are entitled to an annual retirement benefit, payable monthly for life, in an amount equal to 1-2/3% of the final rate of earnings for the first 15 years of service credit, plus 2% for each year of service credit after 15 years to a maximum of 75% of their final rate of earnings. Final rate of earnings is the highest total earnings during any consecutive 48 months within the last 10 years of service, divided by 48. Under Tier 1, the pension is increased by 3% of the original amount on January 1 every year after retirement.

Employees hired *on or after* January 1, 2011, are eligible for Tier 2 benefits. For Tier 2 employees, pension benefits vest after ten years of service. Participating employees who retire at age 62 (at reduced benefits) or after age 67 (at full benefits) with ten years of service are entitled to an annual retirement benefit, payable monthly for life, in an amount equal to 1-2/3% of the final rate of earnings for the first 15 years of service credit, plus 2% for each year of service credit after 15 years to a maximum of 75% of their final rate of earnings. Final rate of earnings is the highest total earnings during any 96 consecutive months within the last 10 years of service, divided by 96. Under Tier 2, the pension is increased on January 1 every year after retirement, upon reaching age 67, by the *lesser* of:

- 3% of the original pension amount, or
- 1/2 of the increase in the Consumer Price Index of the original pension amount.

Plan Membership. As of December 31, 2018, the measurement date, the following employees were covered by the benefit terms:

Active Plan Members

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A detailed breakdown of IMRF membership for the Village, Library, and the Authority combined is available in the Village of Glen Ellyn's comprehensive annual financial report.

GLENBARD WASTEWATER AUTHORITY, GLEN ELLYN, ILLINOIS

**Notes to the Financial Statements
December 31, 2018**

NOTE 4 – OTHER INFORMATION – Continued

EMPLOYEE RETIREMENT SYSTEM – DEFINED BENEFIT PENSION PLAN – Continued

Illinois Municipal Retirement Fund (IMRF) – Continued

Plan Descriptions – Continued

Contributions. As set by statute, the Authority’s Regular Plan Members are required to contribute 4.5% of their annual covered salary. The statute requires employers to contribute the amount necessary, in addition to member contributions, to finance the retirement coverage of its own employees. For the year-ended December 31, 2018, the Authority’s contribution was 9.88% of covered payroll.

Net Pension Liability. The Authority’s net pension liability was measured as of December 31, 2018. The total pension liability used to calculate the net pension liability was determined by an actuarial valuation as of that date.

Actuarial Assumptions. The total pension liability was determined by an actuarial valuation performed, as of December 31, 2018, using the following actuarial methods and assumptions:

Actuarial Cost Method	Entry Age Normal
Asset Valuation Method	Market
Actuarial Assumptions	
Interest Rate	7.25%
Salary Increases	3.39% - 14.25%
Cost of Living Adjustments	2.50%
Inflation	2.50%

For nondisabled retirees, an IMRF specific mortality table was used with fully generational projection scale MP-2017 (base year 2015). IMRF specific rates were developed from the RP-2014 Blue Collar Health Annuitant Mortality Table with adjustments to match current IMRF experience. For disabled retirees, an IMRF specific mortality tables was used with fully generational projection scale MP-2017 (base year 2015). IMRF specific rates were developed from the RP-2014 Disabled Retirees Mortality Table applying the same adjustment that were applied for nondisabled lives. For active members, an IMRF specific mortality table was used with fully generational projection scale MP-2017 (base year 2015). IMRF specific rates were developed from the RP-2014 Employee Mortality Table with adjustments to match current IMRF experience.

GLENBARD WASTEWATER AUTHORITY, GLEN ELLYN, ILLINOIS

**Notes to the Financial Statements
December 31, 2018**

NOTE 4 – OTHER INFORMATION – Continued

EMPLOYEE RETIREMENT SYSTEM – DEFINED BENEFIT PENSION PLAN – Continued

Illinois Municipal Retirement Fund (IMRF) – Continued

Plan Descriptions – Continued

Actuarial Assumptions – Continued. The long-term expected rate of return on pension plan investments was determined using a building-block method in which best-estimate ranges of expected future real rates of return (expected returns, net of pension plan investment expense, and inflation) are developed for each major asset class. These ranges are combined to produce the long-term expected rate of return by weighting the expected future real rates of return to the target asset allocation percentage and adding expected inflation. The target allocation and best estimates of geometric real rates of return for each major asset class are summarized in the following table:

<u>Asset Class</u>	<u>Target</u>	<u>Long-Term Expected Real Rate of Return</u>
Fixed Income	28.00%	3.00%
Domestic Equities	37.00%	6.85%
International Equities	18.00%	6.75%
Real Estate	9.00%	5.75%
Blended	7.00%	2.65% - 7.35%
Cash and Cash Equivalents	1.00%	2.25%

Discount Rate

The discount rate used to measure the total pension liability was 7.25% and the discount rate used in the prior valuation was 7.50%. The projection of cash flows used to determine the discount rate assumed that member contributions will be made at the current contribution rate and that Authority contributions will be made at rates equal to the difference between the actuarially determined contribution rates and the member rate. Based on those assumptions, the IMRF's fiduciary net position was projected to be available to make all project future benefit payments of current plan members. Therefore, the long-term expected rate of return on pension plan investments was applied to all period of projected benefit payments to determine the total pension liability.

Discount Rate Sensitivity

The following is a sensitivity analysis of the net pension liability/(asset) to changes in the discount rate. The table below presents the pension liability/(asset) of the Authority calculated using the discount rate as well as what the Authority's net pension liability/(asset) would be if it were calculated using a discount rate that is one percentage point lower or one percentage point higher than the current rate:

GLENBARD WASTEWATER AUTHORITY, GLEN ELLYN, ILLINOIS

**Notes to the Financial Statements
December 31, 2018**

NOTE 4 – OTHER INFORMATION – Continued

EMPLOYEE RETIREMENT SYSTEM – DEFINED BENEFIT PENSION PLAN – Continued

Illinois Municipal Retirement Fund (IMRF) – Continued

Discount Rate Sensitivity – Continued

	1% Decrease (6.25%)	Current Discount Rate (7.25%)	1% Increase (8.25%)
Net Pension Liability/(Asset)	\$ 1,820,432	820,014	(9,177)

Changes in the Net Pension Liability/(Asset)

	Total Pension Liability (A)	Plan Fiduciary Net Position (B)	Net Pension Liability/(Asset) (A) - (B)
Balances at December 31, 2017	\$ 8,886,398	9,183,507	(297,109)
Changes for the Year:			
Service Cost	114,501	-	114,501
Interest on the Total Pension Liability	609,697	-	609,697
Difference Between Expected and Actual Experience of the Total Pension Liability	51,409	-	51,409
Changes of Assumptions	221,936	-	221,936
Contributions - Employer	-	122,242	(122,242)
Contributions - Employees	-	64,375	(64,375)
Net Investment Income	-	(469,664)	469,664
Benefit Payments, Including Refunds of Employee Contributions	(428,162)	(428,162)	-
Other (Net Transfer)	-	163,467	(163,467)
Net Changes	569,381	(547,742)	1,117,123
Balances at December 31, 2018	9,455,779	8,635,765	820,014

GLENBARD WASTEWATER AUTHORITY, GLEN ELLYN, ILLINOIS

**Notes to the Financial Statements
December 31, 2018**

NOTE 4 – OTHER INFORMATION – Continued

EMPLOYEE RETIREMENT SYSTEM – DEFINED BENEFIT PENSION PLANS – Continued

Illinois Municipal Retirement – Continued

Pension Expense, Deferred Outflows of Resources, and Deferred Inflows of Resources Related to Pensions

For the year ended December 31, 2018, the Authority recognized pension revenue of 27,000. At December 31, 2018, the Authority reported deferred outflows of resources and deferred inflows of resources related to pensions from the following sources:

	Deferred Outflows of Resources	Deferred Inflows of Resources	Totals
Difference Between Expected and Actual Experience	\$ 34,853	(27,832)	7,021
Change in Assumptions	150,466	(97,534)	52,932
Net Difference Between Projected and Actual Earnings on Pension Plan Investments	519,649	-	519,649
Total Deferred Amounts Related to IMRF	<u>704,968</u>	<u>(125,366)</u>	<u>579,602</u>

Amounts reported as deferred outflows of resources and deferred inflows of resources related to pensions will be recognized in pension expense in future periods as follows:

Fiscal Year	Net Deferred Outflows of Resources
2019	\$ 167,032
2020	123,262
2021	71,694
2022	217,614
2023	-
Thereafter	<u>-</u>
Total	<u>579,602</u>

GLENBARD WASTEWATER AUTHORITY, GLEN ELLYN, ILLINOIS

**Notes to the Financial Statements
December 31, 2018**

NOTE 4 – OTHER INFORMATION – Continued

OTHER POST-EMPLOYMENT BENEFITS

The Authority has evaluated its potential other post-employment benefits liability. Former employees who choose to retain their rights to health insurance through the Authority are required to pay 100% of the current premium. However, there is minimal participation. As the Authority provides no explicit benefit, and there is minimal participation, there is no material implicit subsidy to calculate in accordance with GASB Statement No. 75, *Accounting and Financial Reporting for Post-Employment Benefits Other Than Pensions*. Therefore, the Authority has not recorded a liability as of December 31, 2018.

REQUIRED SUPPLEMENTARY INFORMATION

GLENBARD WASTEWATER AUTHORITY, GLEN ELLYN, ILLINOIS

Illinois Municipal Retirement Fund

**Required Supplementary Information
Schedule of Employer Contributions
December 31, 2018**

Fiscal Year	Actuarially Determined Contribution	Contributions in Relation to the Actuarially Determined Contribution	Contribution Excess/ (Deficiency)	Covered Payroll	Contributions as a Percentage of Covered Payroll
2015	\$ 128,318	\$ 128,318	\$ -	\$ 1,186,197	10.82%
2016	140,036	139,480	(556)	1,294,237	10.78%
2017	134,225	135,586	1,361	1,298,110	10.44%
2018	122,310	122,242	(68)	1,236,706	9.88%

Notes to the Required Supplementary Information:

Actuarial Cost Method	Entry Age Normal
Amortization Method	Level % Pay (Closed)
Remaining Amortization Period	25 Years
Asset Valuation Method	5-Year Smoothed Market
Inflation	2.75%
Salary Increases	3.75% - 14.50%
Investment Rate of Return	7.50%
Retirement Age	See the Notes to the Financial Statements
Mortality	An IMRF specific mortality table was used with fully generational projection scale MP-2014 (base year 2012).

Note:

This schedule is intended to show information for ten years. Information for additional years will be displayed as it becomes available.

GLENBARD WASTEWATER AUTHORITY, GLEN ELLYN, ILLINOIS

Illinois Municipal Retirement Fund

**Required Supplementary Information
Schedule of Changes in the Employer's Net Pension Liability
December 31, 2018**

	<u>2015</u>
Total Pension Liability	
Service Cost	\$ 123,338
Interest	605,696
Differences Between Expected and Actual Experience	97,561
Change of Assumptions	9,922
Benefit Payments, Including Refunds of Member Contributions	<u>(399,698)</u>
Net Change in Total Pension Liability	436,819
Total Pension Liability - Beginning	<u>8,214,126</u>
Total Pension Liability - Ending	<u><u>8,650,945</u></u>
Plan Fiduciary Net Position	
Contributions - Employer	\$ 128,318
Contributions - Members	54,005
Net Investment Income	39,822
Benefit Payments, Including Refunds of Member Contributions	(399,698)
Other (Net Transfer)	<u>45,862</u>
Net Change in Plan Fiduciary Net Position	(131,691)
Plan Net Position - Beginning	<u>8,073,123</u>
Plan Net Position - Ending	<u><u>7,941,432</u></u>
Employer's Net Pension Liability/(Asset)	<u><u>\$ 709,513</u></u>
Plan Fiduciary Net Position as a Percentage of the Total Pension Liability	91.80%
Covered Payroll	\$ 1,186,197
Employer's Net Pension Liability as a Percentage of Covered Payroll	59.81%

Note:

This schedule is intended to show information for ten years. Information for additional years will be displayed as it becomes available.

2016	2017	2018
128,961	137,350	114,501
628,935	615,459	609,697
(67,729)	(73,414)	51,409
(9,982)	(257,267)	221,936
(434,992)	(431,868)	(428,162)
245,193	(9,740)	569,381
8,650,945	8,896,138	8,886,398
8,896,138	8,886,398	9,455,779
139,480	135,586	122,242
59,117	58,474	64,375
543,260	1,413,859	(469,664)
(434,992)	(431,868)	(428,162)
(20,365)	(220,476)	163,467
286,500	955,575	(547,742)
7,941,432	8,227,932	9,183,507
8,227,932	9,183,507	8,635,765
668,206	(297,109)	820,014
92.49%	103.34%	91.33%
1,294,237	1,298,110	1,236,706
51.63%	(22.89)%	66.31%

SUPPLEMENTAL SCHEDULES

GLENBARD WASTEWATER AUTHORITY, GLEN ELLYN, ILLINOIS

**Combining Statement of Net Position
December 31, 2018**

	Operating Sub-Fund	Equipment Replacement Sub-Fund	Totals
ASSETS			
Current Assets			
Restricted Cash and Investments			
Working Cash Account	\$ 1,573,861	-	1,573,861
Equipment Replacement Account	-	5,549,627	5,549,627
Accounts Receivable - Net of Allowances			
Accounts Receivable	-	42,983	42,983
Member Contributions			
Village of Lombard	-	31,883	31,883
IEPA Loans	-	660,174	660,174
Prepays	88,723	26,580	115,303
Inventory	-	41,322	41,322
Total Current Assets	<u>1,662,584</u>	<u>6,352,569</u>	<u>8,015,153</u>
Noncurrent Assets			
Capital Assets			
Nondepreciable Capital Assets	-	15,677,188	15,677,188
Depreciable Capital Assets	-	95,732,343	95,732,343
Accumulated Depreciation	-	(62,497,541)	(62,497,541)
Total Capital Assets	<u>-</u>	<u>48,911,990</u>	<u>48,911,990</u>
Total Assets	<u>1,662,584</u>	<u>55,264,559</u>	<u>56,927,143</u>
DEFERRED OUTFLOWS OF RESOURCES			
Deferred Items - IMRF	<u>704,968</u>	-	<u>704,968</u>
Total Assets and Deferred Outflows of Resources	<u>2,367,552</u>	<u>55,264,559</u>	<u>57,632,111</u>

	Operating Sub-Fund	Equipment Replacement Sub-fund	Totals
LIABILITIES			
Current Liabilities			
Accounts Payable	\$ 157,959	1,574,279	1,732,238
Unearned Rental Revenue	-	23,030	23,030
Accrued Payroll	86,141	-	86,141
Interest Payable	-	40,011	40,011
Members Accounts Payable			
Village of Glen Ellyn	261,998	31,883	293,881
Village of Lombard	187,412	-	187,412
Current Portion of Long-Term Debt	27,114	545,395	572,509
Total Current Liabilities	720,624	2,214,598	2,935,222
Noncurrent Liabilities			
Compensated Absences	108,458	-	108,458
Net Pension Liability - IMRF	820,014	-	820,014
FIP Loan Payable	-	12,149,837	12,149,837
Digester Loan Payable	-	3,254,376	3,254,376
Total Noncurrent Liabilities	928,472	15,404,213	16,332,685
Total Liabilities	1,649,096	17,618,811	19,267,907
DEFERRED INFLOWS OF RESOURCES			
Deferred Items - IMRF	125,366	-	125,366
Total Liabilities and Deferred Inflows of Resources	1,774,462	17,618,811	19,393,273
NET POSITION			
Net Investment in Capital Assets	-	32,962,382	32,962,382
Restricted	593,090	4,683,366	5,276,456
Total Net Position	593,090	37,645,748	38,238,838

GLENBARD WASTEWATER AUTHORITY, GLEN ELLYN, ILLINOIS

**Combining Statement of Revenues, Expenses, and Changes in Net Position - Budget and Actual
For the Fiscal Year Ended December 31, 2018**

	Operating Sub-Fund	Equipment Replacement Sub-Fund	Totals
Operating Revenues			
Charges to Villages	\$ 3,931,990	3,500,000	7,431,990
Operating Expenses			
Personnel Services	1,583,762	-	1,583,762
IMRF Pension Expense	(132,646)	(15,909)	(148,555)
Contractual Services			
Maintenance	414,474	-	414,474
Service Charge	129,270	-	129,270
Sludge Removal	153,121	-	153,121
Utilities	672,769	-	672,769
Insurance	348,912	-	348,912
Other	183,330	955	184,285
Commodities	467,999	-	467,999
Maintenance of Capital Facilities and Equipment	-	654,118	654,118
Depreciation	-	2,495,940	2,495,940
Total Operating Expenses	3,820,991	3,135,104	6,956,095
Operating Income (Loss)	110,999	364,896	475,895
Nonoperating Revenues (Expenses)			
Surplus Contribution	-	159,394	159,394
Connection Fees	-	100,890	100,890
Enernoc Demand Response	-	17,156	17,156
Leachate Revenues	-	139,300	139,300
Fats, Oil & Grease Waste Fees	-	23,944	23,944
Cell Tower Revenues	-	52,844	52,844
Other Income	88	7,953	8,041
Sale of Capital Assets	-	(42,753)	(42,753)
Investment Income	21,559	69,995	91,554
Interest Expense	-	(99,388)	(99,388)
Total Nonoperating Revenues (Expenses)	21,647	429,335	450,982
Change in Net Position	132,646	794,231	926,877
Net Position - Beginning	460,444	36,851,517	37,311,961
Net Position - Ending	593,090	37,645,748	38,238,838

GLENBARD WASTEWATER AUTHORITY, GLEN ELLYN, ILLINOIS

**Combining Statement of Cash Flows
December 31, 2018**

	Operating Sub-Fund	Equipment Replacement Sub-Fund	Totals
Cash Flows from Operating Activities			
Receipts from Charges to Villages	\$ 3,928,100	3,682,797	7,610,897
Payments to Employees	(1,451,116)	15,909	(1,435,207)
Payments to Suppliers	(2,144,742)	(1,165,923)	(3,310,665)
	<u>332,242</u>	<u>2,532,783</u>	<u>2,865,025</u>
Cash Flows from Capital and Related Financing Activities			
Purchase of Capital Assets	-	(5,199,225)	(5,199,225)
Disposal of Capital Assets	-	46,584	46,584
Issuance of Capital Related Debt	-	4,600,854	4,600,854
Interest and Fiscal Charges	-	(99,388)	(99,388)
Payment of Bond Principal	-	(532,011)	(532,011)
	<u>-</u>	<u>(1,183,186)</u>	<u>(1,183,186)</u>
Cash Flows from Investing Activities			
Investment Income	<u>21,559</u>	<u>69,995</u>	<u>91,554</u>
Net Change in Cash and Cash Equivalents	353,801	1,419,592	1,773,393
Cash and Cash Equivalents			
Beginning	<u>1,220,060</u>	<u>4,130,035</u>	<u>5,350,095</u>
Ending	<u><u>1,573,861</u></u>	<u><u>5,549,627</u></u>	<u><u>7,123,488</u></u>
Reconciliation of Operating Income to Net Cash Provided (Used) by Operating Activities			
Operating Income	110,999	364,896	475,895
Adjustments to Reconcile Operating Income to Net Income to Net Cash Provided by (Used In) Operating Activities:			
Depreciation Expense	-	2,495,940	2,495,940
Other Income	88	458,728	458,816
Other Expense	(132,646)	(15,909)	(148,555)
(Increase) Decrease in Current Assets	(3,978)	(275,931)	(279,909)
Increase (Decrease) in Current Liabilities	357,779	(494,941)	(137,162)
Net Cash Provided by Operating Activities	<u><u>332,242</u></u>	<u><u>2,532,783</u></u>	<u><u>2,865,025</u></u>

GLENBARD WASTEWATER AUTHORITY, GLEN ELLYN, ILLINOIS

Operating Sub-Fund

**Statement of Revenues, Expenses, and Changes in Net Position - Budget and Actual
For the Fiscal Year Ended December 31, 2018
(with Comparative Information for the Fiscal Year Ended December 31, 2017)**

	For the Fiscal Year Ended December 31, 2018		
	Budget	Actual	Variance Over (Under)
Operating Revenues			
Charges to Villages	\$ 4,381,400	3,931,990	(449,410)
Operating Expenses			
Personnel Services	1,612,000	1,583,762	(28,238)
IMRF Pension Expense	-	(132,646)	(132,646)
Contractual Services			
Maintenance	640,700	414,474	(226,226)
Service Charge	129,300	129,270	(30)
Sludge Removal	220,000	153,121	(66,879)
Utilities	623,400	672,769	49,369
Insurance	411,400	348,912	(62,488)
Other	238,200	183,330	(54,870)
Commodities	511,400	467,999	(43,401)
Total Operating Expenses	4,386,400	3,820,991	(565,409)
Operating Income (Loss)	(5,000)	110,999	(1,014,819)
Nonoperating Revenues			
Other Income (Loss)	-	88	12,423
Interest Income	5,000	21,559	23
Total Nonoperating Revenues	5,000	21,647	12,446
Change in Net Position	-	132,646	(1,002,373)
Net Position - Beginning		460,444	
Net Position - Ending		593,090	

For the Fiscal Year Ended December 31, 2017

Budget	Actual	Variance Over (Under)
\$ 4,181,050	4,021,656	(159,394)
1,648,000	1,583,225	(64,775)
-	68,806	68,806
655,350	478,057	(177,293)
128,400	128,372	(28)
170,000	179,218	9,218
422,100	645,708	223,608
411,000	400,937	(10,063)
221,800	198,992	(22,808)
527,900	424,671	(103,229)
4,184,550	4,107,986	(76,564)
(3,500)	(86,330)	(235,958)
-	4,915	12,423
3,500	12,609	23
3,500	17,524	12,446
-	(68,806)	(223,512)
	<u>529,250</u>	
	<u>460,444</u>	

GLENBARD WASTEWATER AUTHORITY, GLEN ELLYN, ILLINOIS

Equipment Replacement Sub-Fund

**Statement of Revenues, Expenses, and Changes in Net Position - Budget and Actual
For the Fiscal Year Ended December 31, 2018
(with Comparative Information for the Fiscal Year Ended December 31, 2017)**

	For the Fiscal Year Ended December 31, 2018		
	Budget	Actual	Variance Over (Under)
Operating Revenues			
Charges to Villages	\$ 3,500,000	3,500,000	-
Operating Expenses			
Personnel Services	90,000	-	90,000
IMRF Pension Expense	-	(15,909)	15,909
Contractual			
Insurance	5,000	-	5,000
Other	-	955	(955)
Maintenance of Capital Facilities and Equipment	8,252,962	654,118	7,598,844
Depreciation	-	2,495,940	(2,495,940)
Total Operating Expenses	8,347,962	3,135,104	5,212,858
Operating Income (Loss)	(4,847,962)	364,896	5,212,858
Nonoperating Revenues (Expenses)			
Surplus Contributions	-	159,394	159,394
Connection Fees	50,000	100,890	50,890
Enernoc Demand Response	-	17,156	17,156
Leachate Revenues	117,000	139,300	22,300
Fats, Oil & Grease Waste Fees	50,000	23,944	(26,056)
Cell Tower Revenues	53,000	52,844	(156)
Other Income	10,000	7,953	(2,047)
Sale of Capital Assets	-	(42,753)	(42,753)
Grant Revenue	-	-	-
Investment Income (Loss)	10,000	69,995	59,995
Interest Expense	(105,000)	(99,388)	5,612
Debt Issuance	6,600,000	4,600,854	(1,999,146)
Digester Loan Principal	(532,000)	(532,011)	(11)
Less Items to Statement of Net Position	-	(4,068,843)	(4,068,843)
Total Nonoperating Revenues (Expenses)	6,253,000	429,335	(5,823,665)
Change in Net Position	1,405,038	794,231	(610,807)
Net Position - Beginning		36,851,517	
Net Position - Ending		37,645,748	

For the Fiscal Year Ended December 31, 2017		
Budget	Actual	Variance Over (Under)
\$ 3,400,000	3,400,000	-
97,000	64,856	32,144
-	531	(531)
5,000	3,569	1,431
-	-	-
13,978,000	481,240	13,496,760
-	2,549,513	(2,549,513)
14,080,000	3,099,709	10,980,291
(10,680,000)	300,291	10,980,291
-	48,692	48,692
125,000	290,110	165,110
-	-	-
140,000	156,100	16,100
100,000	167,806	67,806
49,000	52,616	3,616
10,000	10,723	723
-	13,374	13,374
500,000	517,390	17,390
20,000	11,936	(8,064)
(131,000)	(112,581)	18,419
10,334,000	7,548,983	(2,785,017)
(506,000)	(518,956)	(12,956)
-	(7,030,027)	(7,030,027)
10,641,000	1,156,166	(9,484,834)
<u>(39,000)</u>	1,456,457	<u>1,495,457</u>
	<u>35,395,060</u>	
	<u>36,851,517</u>	

GLENBARD WASTEWATER AUTHORITY, GLEN ELLYN, ILLINOIS

Consolidated Year-End Financial Report

December 31, 2018

CSFA #	Program Name	State	Federal	Other
N/A	IEPA FIP Loan	\$ -	5,638,587	5,638,587
	All Other Costs Not Allocated	-	-	1,459,649
	Totals	-	5,638,587	7,098,236

N/A - Not available as of the date of this report.

GLENBARD WASTEWATER AUTHORITY, GLEN ELLYN, ILLINOIS

**Schedule of Comparative Flows - Last Ten Fiscal Years
December 31, 2018 (Unaudited)**

Fiscal Year	Glenbard				North Regional Interceptor			
	Glen Ellyn		Lombard		Glen Ellyn		Lombard	
	Gallons (in 000's)	Percent	Gallons (in 000's)	Percent	Gallons (in 000's)	Percent	Gallons (in 000's)	Percent
2010	\$ 2,150,813	47.29%	\$ 2,397,365	52.71%	\$ 923,648	33.42%	\$ 1,840,040	66.58%
2011	2,269,677	47.17%	2,542,361	52.83%	1,022,527	34.17%	1,970,275	65.83%
2012	1,958,098	47.65%	2,151,514	52.35%	861,399	34.81%	1,612,956	65.19%
2013	1,755,400	46.70%	2,003,538	53.30%	792,733	34.97%	1,474,329	65.03%
2014	1,773,595	44.61%	2,201,911	55.39%	759,050	32.07%	1,607,612	67.93%
2014*	1,163,852	45.43%	1,398,187	54.57%	N/A	N/A	N/A	N/A
2015	1,939,993	45.25%	2,347,125	54.75%	N/A	N/A	N/A	N/A
2016	1,890,348	44.39%	2,368,065	55.61%	N/A	N/A	N/A	N/A
2017	1,916,548	42.65%	2,576,590	57.35%	N/A	N/A	N/A	N/A
2018	1,873,111	41.21%	2,672,566	58.79%	N/A	N/A	N/A	N/A

*For the eight months ended December 31, 2014.

N/A - The North Regional Interceptor flows are no longer used in the billing computations in the Schedule of Allocation of Costs.

GLENBARD WASTEWATER AUTHORITY, GLEN ELLYN, ILLINOIS, ILLINOIS

**Schedule of Allocation Costs
December 31, 2018 (Unaudited)**

The agreement between the Villages of Lombard and Glen Ellyn for the purpose of jointly treating and processing wastewater requires certain information to accompany the annual financial statements. This information is from the Operating Sub-Fund. The combined data, including the Equipment Replacement and Working Cash Accounts, is part of the general purpose financial statements. Such required information for the year ended December 31, 2018, not included elsewhere in the accompanying financial statements follows:

1. Total Water Flow

Participant	Glenbard Plant	
	Gallons (in 000's)	Percent
Village of Lombard	2,672,566	58.79%
Village of Glen Ellyn	1,873,111	41.21%
	<u>4,545,677</u>	<u>100.00%</u>

2. Factors and Amounts Used in Computing Final Billing

A. Operating revenue and expenses, based on wastewater flow, were allocated among the operating facilities for the fiscal year ended December 31, 2018, as follows:

	<u>Operating Fund</u>
Operating Revenue	
Amounts Billed Prior to Billing Adjustments	\$ 4,381,400
Other Revenues	21,647
Adjustment	<u>(449,410)</u>
Operating Revenue Applicable to Operating Expenses	<u>3,953,637</u>
Operating Expenses	
Personnel Services	\$ 1,583,762
Contractual Services	
Maintenance	414,474
Service Charge	129,270
Sludge Removal	153,121
Utilities	672,769
Insurance	348,912
Other	183,330
Commodities	<u>467,999</u>
Total Operating Expenses	<u>3,953,637</u>

GLENBARD WASTEWATER AUTHORITY, GLEN ELLYN, ILLINOIS, ILLINOIS

**Schedule of Allocation Costs – Continued
December 31, 2018 (Unaudited)**

2. Factors and Amounts Used in Computing Final Billing – Continued

B. The allocation of operating expenses based on the wastewater flow of Glenbard Plant follows:

<u>Participant</u>	<u>Amount</u>	<u>Percent</u>
Village of Lombard	\$ 2,324,486	58.79%
Village of Glen Ellyn	1,629,151	41.21%
	<u>3,953,637</u>	<u>100.00%</u>

C. The computation of the billing adjustment for the fiscal year ended December 31, 2018 follows:

	<u>Village of Lombard</u>	<u>Village of Glen Ellyn</u>	<u>Totals</u>
Charges			
Total Operating Expenses (Depreciation Excluded)	\$ 2,324,486	1,629,151	3,953,637
Equipment Replacement Reserve	1,905,091	1,594,909	3,500,000
Total Operating Charges	<u>4,229,577</u>	<u>3,224,060</u>	<u>7,453,637</u>
Amount Billed	4,484,088	3,397,314	7,881,402
Plus: Credit for Other Revenues Received	12,726	8,919	21,645
Revenues Available to Offset			
Operating Changes	<u>4,496,814</u>	<u>3,406,233</u>	<u>7,903,047</u>
Amount Due from (to) Villages	<u>(267,237)</u>	<u>(182,173)</u>	<u>(449,410)</u>

GLENBARD WASTEWATER AUTHORITY, GLEN ELLYN, ILLINOIS, ILLINOIS

**Schedule of Allocation Costs – Continued
December 31, 2018 (Unaudited)**

2. Factors and Amounts Used in Computing Final Billing – Continued

D. Amounts due from (to) the Village of Lombard and the Village of Glen Ellyn at December 31, 2018 are as follows:

Amounts Due from (to) Villages			
Billing Adjustment for the Fiscal Year Ended			
December 31, 2018 (as shown the prior page)	\$ (267,237)	(182,173)	(449,410)
Billing Adjustments:			
July 2018 to December 2018	111,708	(111,708)	-
Cumulative Balance Due from (to) Villages*	(155,529)	(293,881)	(449,410)

*This balance is the end result of actual expenses compared to actual fiscal flow splits on an accrual basis after any necessary audit adjustments are made.

3. Total Revenue Billed and Received per Authority:

Participant	Amount Billed	Receivable (Payable) December 31, 2018	Receivable (Payable) December 31, 2017	Amount Received
Village of Lombard	\$ 4,484,086	(155,529)	(62,953)	4,391,510
Village of Glen Ellyn	3,397,314	(293,881)	(96,441)	3,199,874
	7,881,400	(449,410)	(159,394)	7,591,384

**GLENBARD WASTEWATER AUTHORITY
GLEN ELLYN, ILLINOIS**

MANAGEMENT LETTER

**FOR THE FISCAL YEAR ENDED
DECEMBER 31, 2018**



June 7, 2019

The Honorable Chairman
Members of the Board of Directors
Glenbard Wastewater Authority
Glen Ellyn, Illinois

In planning and performing our audit of the financial statements of the Glenbard Wastewater Authority (Authority), for the fiscal year ended December 31, 2018, we considered its internal control structure in order to determine our auditing procedures for the purpose of expressing our opinion on the financial statements and not to provide assurance on the internal control structure.

We do not intend to imply that our audit failed to disclose commendable aspects of your system and structure. For your consideration we herein submit our comments and suggestions which are designed to assist in effecting improvements in internal controls and procedures. Those less significant matters, if any, which arose during the course of the audit, were reviewed with management as the audit field work progressed.

The accompanying comments and recommendations are intended solely for the information and use of the Members of the Board of Directors, management, and others within the Glenbard Wastewater Authority.

We will review the status of these comments during our next audit engagement. We have already discussed many of these comments and suggestions with various Authority personnel. We would be pleased to discuss our comments and suggestions in further detail with you at your convenience, to perform any additional study of these matters, or to review the procedures necessary to bring about desirable changes.

We commend the finance department for the well prepared audit package and we appreciate the courtesy and assistance given to us by the entire Authority staff.

Lauterbach & Amen, LLP
LAUTERBACH & AMEN, LLP

PRIOR RECOMMENDATION

1. GASB STATEMENT NO. 74 FINANCIAL REPORTING FOR POST-EMPLOYMENT BENEFIT PLANS OTHER THAN PENSION PLANS AND GASB STATEMENT NO. 75 ACCOUNTING AND FINANCIAL REPORTING FOR POST-EMPLOYMENT BENEFITS OTHER THAN PENSIONS

Comment

In June 2015, the Governmental Accounting Standards Board (GASB) issued Statement No. 74, *Financial Reporting for Post-Employment Benefits Plans Other Than Pension Plans*, which applies to individual postemployment benefit plans, and Statement No. 75, *Accounting and Financial Reporting for Post-Employment Benefits Other Than Pensions*, which applies to the state and local government employers that sponsor the plans. The Statements apply to the reporting of other post-employment benefits, including medical, dental, life, vision and other insurance coverages provided by the employer post-employment. The Statements establish standards for measuring and recognizing liabilities, deferred outflows of resources, deferred inflows of resources, and expense/expenditures related to the other post-employment benefit plans, and specifically identify the methods and assumptions that are to be used in calculating and disclosing these OPEB accounts in the financial statements. The Statements also provide for additional note disclosures and required supplementary information and are intended to improve information provided by state and local government employers regarding financial support to their OPEB plans. GASB Statement No. 75 applies to the employer's reporting of other post-employment benefit plans and is applicable to the Glenbard Wastewater Authority's financial statements for the year ended December 31, 2018.

Recommendation

We recommended that the Glenbard Wastewater Authority reach out to the private pension actuary engaged to provide the OPEB actuarial calculations in order to confirm the timeline for implementation and to review requested materials that will be required in order to implement the provisions and requirements of the new Statements. Lauterbach & Amen, LLP will also work directly with the Glenbard Wastewater Authority to assist in the implementation process, including assistance in determining the implementation timeline with the Glenbard Wastewater Authority and private actuary, providing all framework for the financial statements in order to complete the implementation, and assist in answering any questions or concerns the Glenbard Wastewater Authority might have related to the implementation process or requirements.

Status

This comment has been implemented and will not be repeated in the future.

**GLENBARD WASTEWATER AUTHORITY
GLEN ELLYN, ILLINOIS**

SINGLE AUDIT REPORT

**FOR THE FISCAL YEAR ENDED
DECEMBER 31, 2018**

GLENBARD WASTEWATER AUTHORITY, GLEN ELLYN, ILLINOIS

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GLENBARD WASTEWATER AUTHORITY, GLEN ELLYN ILLINOIS

**Schedule of Expenditures of Federal Awards
For the Year Ended December 31, 2018**

Federal Grantor	Pass-Through Grantor	Program Title	Federal CFDA Number	Program/Grant Number	Expenditures	Amount Provided to Subrecipients
Environmental Protection Agency	Illinois Environmental Protection Agency	Local Law Enforcement Vehicle	66.458	L175180	1,302,063	-
TOTAL FEDERAL AWARDS EXPENDED						1,302,063
						-

See accompanying notes to the schedule of expenditures of federal awards.

GLENBARD WASTEWATER AUTHORITY, GLEN ELLYN, ILLINOIS

**Notes to the Schedule of Expenditures of Federal Awards
December 31, 2018**

NOTE 1 – BASIS OF PRESENTATION

The accompanying schedule of expenditures of federal awards (the Schedule) includes the federal grant activity of the Authority under programs of the federal government for the year ended December 31, 2018. The information in this Schedule is presented in accordance with the requirements of Uniform Guidance, *Audits of States, Local Governments, and Non-Profit Organizations*. Because the Schedule presents only a selected portion of the operations of the Authority, it is not intended to and does not present the financial position, changes in net position, or cash flows of the Authority.

NOTE 2 – SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

Expenditures

Expenditures reported on the Schedule are reported on the accrual basis of accounting.

Pass-Through Entities

Pass-through entity identifying numbers are presented on the Schedule where available.

NOTE 3 – 10% De Minimis Indirect Cost Rate

The Authority has selected to use the 10% de minimis indirect cost rate as permitted by 2 CFR Section 200.414



**INDEPENDENT AUDITORS' REPORT
ON INTERNAL CONTROL OVER FINANCIAL REPORTING AND ON COMPLIANCE
AND OTHER MATTERS BASED ON AN AUDIT OF FINANCIAL STATEMENTS
PERFORMED IN ACCORDANCE WITH *GOVERNMENT AUDITING STANDARDS***

June 7, 2019

The Honorable Chairman
Members of the Board of Directors
Glen Ellyn, Illinois

We have audited, in accordance with the auditing standards generally accepted in the United States of America and the standards applicable to financial audits contained in *Government Auditing Standards* issued by the Comptroller General of the United States, the financial statements and the aggregate remaining fund information of the Glenbard Wastewater Authority, Illinois, as of and for the year ended December 31, 2018, and the related notes to the financial statements, which collectively comprise the Authority's basic financial statements, and have issued our report thereon dated June 7, 2019.

Internal Control over Financial Reporting

In planning and performing our audit of the financial statements, we considered the Authority's internal control over financial reporting (internal control) to determine the audit procedures that are appropriate in the circumstances for the purpose of expressing our opinions on the financial statements, but not for the purpose of expressing an opinion on the effectiveness of the Authority's internal control. Accordingly, we do not express an opinion on the effectiveness of the Authority's internal control.

A *deficiency in internal control* exists when the design or operation of a control does not allow management or employees, in the normal course of performing their assigned functions, to prevent, or detect and correct, misstatements on a timely basis. A *material weakness* is a deficiency, or a combination of deficiencies, in internal control, such that there is a reasonable possibility that a material misstatement of the Authority's financial statements will not be prevented, or detected and corrected on a timely basis. A *significant deficiency* is a deficiency, or a combination of deficiencies, in internal control that is less severe than a material weakness, yet important enough to merit attention by those charged with governance.

Our consideration of internal control was for the limited purpose described in the first paragraph of this section and was not designed to identify all deficiencies in internal control that might be material weaknesses or, significant deficiencies. Given these limitations, during our audit we did not identify any deficiencies in internal control that we consider to be material weaknesses. However, material weaknesses may exist that have not been identified.

Compliance and Other Matters

As part of obtaining reasonable assurance about whether the Authority's financial statements are free of material misstatement, we performed tests of its compliance with certain provisions of laws, regulations, contracts, and grant agreements, noncompliance with which could have a direct material effect on the determination of financial statement amounts. However, providing an opinion on compliance with those provisions was not an objective of our audit, and accordingly, we do not express such an opinion. The results of our tests disclosed no instances of noncompliance or other matters that are required to be reported under *Government Auditing Standards*.

We noted certain other matters that we reported to management of the Authority in a separate letter dated June 7, 2019.

Purpose of this Report

The purpose of this report is solely to describe the scope of our testing of internal control and compliance and the results of that testing, and not to provide an opinion on the effectiveness of the Authority's internal control or on compliance. This report is an integral part of an audit performed in accordance with *Governmental Auditing Standards* in considering the Authority's internal control and compliance. Accordingly, this communication is not suitable for any other purpose.

Lauterbach & Amen, LLP

LAUTERBACH & AMEN, LLP



**INDEPENDENT AUDITORS' REPORT
ON COMPLIANCE FOR EACH MAJOR PROGRAM AND ON INTERNAL CONTROL OVER
COMPLIANCE REQUIRED BY UNIFORM GUIDANCE
AND ON THE SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS**

June 7, 2019

The Honorable Chairman
Members of the Board of Directors
Glen Ellyn, Illinois

Report on Compliance for Each Major Federal Program

We have audited the Glenbard Wastewater Authority, Illinois' compliance with the types of compliance requirements described in the *Uniform Guidance Compliance Supplement* that could have a direct and material effect on each of the Authority's major federal programs for the year ended December 31, 2018. The Authority's major federal programs are identified in the summary of auditor's results section of the accompany schedule of findings and questioned costs.

Management Responsibility

Management is responsible for compliance with the requirements of laws, regulations, contracts, and grants applicable to its federal programs.

Auditor's Responsibility

Our responsibility is to express an opinion on compliance for each of the Authority's major federal programs based on our audit of the types of compliance requirements referred to above. We conducted our audit of compliance in accordance with auditing standards generally accepted in the United States of America; the standards applicable to financial audits contained in *Government Auditing Standards*, issued by the Comptroller General of the United States; and Uniform Guidance, *Audits of States, Local Governments, and Non-Profit Organizations*. Those standards and Uniform Guidance required that we plan and perform the audit to obtain reasonable assurance about whether noncompliance with the types of compliance requirements referred to above that could have a direct and material effect on a major federal program occurred. An audit includes examining, on a test basis, evidence about the Authority's compliance with those requirements and performing such other procedures as we considered necessary in the circumstances.

We believe our audit provides a reasonable basis for our opinion on compliance for each major federal program. However, our audit does not provide a legal determination of the Authority's compliance.

Opinion on Each Major Federal Program

In our opinion, the Glenbard Wastewater Authority, Illinois complied, in all material respects, with the types of compliance requirements referred to above that could have a direct and material effect on each of its major federal programs for the year ended December 31, 2018.

Report on Internal Control over Compliance

Management of the Authority is responsible for establishing and maintaining effective internal control over compliance with the types of compliance requirements referred to above. In planning and performing our audit of compliance, we considered the Authority's internal control over compliance with the types of requirements that could have a direct and material effect on each major federal program to determine the auditing procedures that are appropriate in the circumstances for the purpose of expressing an opinion on compliance for each major federal program and to test and report on internal control over compliance in accordance with Uniform Guidance, but not for the purpose of expressing an opinion on the effectiveness of internal control over compliance. Accordingly, we do not express an opinion on the effectiveness of the Authority's internal control over compliance.

A deficiency in internal control over compliance exists when the design or operation of a control over compliance does not allow management or employees, in the normal course of performing their assigned functions, to prevent, or detect and correct, noncompliance with a type of compliance requirement of a federal program on a timely basis. *A material weakness in internal control over compliance* is a deficiency, or combination of deficiencies, in internal control over compliance, such that there is a reasonable possibility that material noncompliance with a type of compliance requirement of a federal program will not be prevented, or detected and corrected, on a timely basis. *A significant deficiency in internal control over compliance* is a deficiency, or a combination of deficiencies, in internal control over compliance with a type of compliance requirement of a federal program that is less severe than a material weakness in internal control over compliance, yet important enough to merit attention by those charged with governance.

Our consideration of internal control over compliance was for the limited purpose described in the first paragraph of this section and was not designed to identify all deficiencies in internal control over compliance that might be material weaknesses or significant deficiencies. We did not identify any deficiencies in internal control over compliance that we consider to be material weaknesses. However, material weaknesses may exist that have not been identified.

Schedule of Expenditures of Federal Awards

We have audited the financial statements and the aggregate remaining fund information of the Glenbard Wastewater Authority, Illinois as of and for the year ended December 31, 2018, and the related notes to the financial statements, which collectively comprise the Authority's basic financial statements. We issued our report thereon dated June 7, 2019, which contained unmodified opinions on those financial statements. Our audit was conducted for the purpose of forming opinions on the financial statements that collectively comprise the basic financial statements. The accompanying schedule of expenditures of federal awards is presented for purposes of additional analysis as required by Uniform Guidance and is not a required part of the basic financial statements. Such information is the responsibility of management and was derived from and relates directly to the underlying accounting and other records used to prepare the basic financial statements. The information has been subjected to the auditing procedures applied in the audit of the financial statements and certain additional procedures, including comparing and reconciling such information directly to the underlying accounting and other records used to prepare the basic financial statements or to the basic financial statements themselves, and other additional procedures in accordance with auditing standards generally accepted in the United States of America. In our opinion, the schedule of expenditures of federal awards is fairly stated in all material respects in relation to the basic financial statements as a whole.

The purpose of this report on internal control over compliance is solely to describe the scope of our testing of internal control over compliance and the results of that testing based on the requirements of Uniform Guidance. Accordingly, this report is not suitable for any other purpose.

Lauterbach & Amen, LLP

LAUTERBACH & AMEN, LLP

GLENBARD WASTEWATER AUTHORITY, GLEN ELLYN, ILLINOIS

**Schedule of Findings and Questioned Costs
Year Ended December 31, 2018**

SECTION 1 – SUMMARY OF AUDITOR’S RESULTS

Financial Statements

Type of auditor’s report issued on the financial statements:	Unmodified
Internal control over financial reporting:	
Material weakness(es) identified:	No
Significant deficiencies identified:	No
Noncompliance material to the financial statements noted:	No
Any audit findings disclosed that are required to be reported in accordance with Uniform Guidance, Section .510(a):	No

Federal Awards

Type of auditor’s report issued on compliance for major programs:	Unmodified
Internal control over major programs:	
Material weakness(es) identified:	No
Significant deficiencies identified:	No

Major programs identified:	
<u>CFDA Number(s)</u>	<u>Name of Federal Program/Cluster</u>
66.458	Capitalization Grants for Clean Water State Revolving Funds

Dollar threshold used to distinguish between Type A and Type B programs:	\$750,000
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Auditee qualified as a low-risk auditee:	No
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GLENBARD WASTEWATER AUTHORITY, GLEN ELLYN, ILLINOIS

**Schedule of Findings and Questioned Costs – Continued
Year Ended December 31, 2018**

SECTION 2 – FINANCIAL STATEMENT AUDIT FINDINGS

None

GLENBARD WASTEWATER AUTHORITY, GLEN ELLYN, ILLINOIS

Schedule of Findings and Questioned Costs – Continued
Year Ended December 31, 2018

SECTION 3 – FEDERAL AWARD FINDINGS AND QUESTIONED COSTS

None

GLENBARD WASTEWATER AUTHORITY, GLEN ELLYN, ILLINOIS

**Schedule of Findings and Questioned Costs – Continued
Year Ended December 31, 2018**

SECTION 4 – PRIOR YEAR AUDIT FINDINGS

None



June 7, 2019

The Honorable Chairman
Members of the Board of Directors
Glenbard Wastewater Authority
Glen Ellyn, Illinois

We have audited the financial statements of the Glenbard Wastewater Authority (Authority), Illinois for the year ended December 31, 2018. Professional standards require that we provide you with information about our responsibilities under generally accepted auditing standards (and, if applicable, *Government Auditing Standards* and the Uniform Guidance), as well as certain information related to the planned scope and timing of our audit. We have communicated such information in our letter to you dated June 7, 2019. Professional standards also require that we communicate to you the following information related to our audit.

Significant Audit Findings

Qualitative Aspects of Accounting Practices

Management is responsible for the selection and use of appropriate accounting policies. The significant accounting policies used by the Authority are described in the Note 1 to the financial statements. No new accounting policies were adopted and the application of existing policies was not changed during the year ended December 31, 2018. We noted no transactions entered into by the Glenbard Wastewater Authority during the year for which there is a lack of authoritative guidance or consensus. All significant transactions have been recognized in the financial statements in the proper period.

Accounting estimates are an integral part of the financial statements prepared by management and are based on management's knowledge and experience about past and current events and assumptions about future events. Certain accounting estimates are particularly sensitive because of their significance to the financial statements and because of the possibility that future events affecting them may differ significantly from those expected. The most sensitive estimate affecting the business-type activities' financial statements was:

Management's estimate of the depreciation expense on capital assets is based on assumed useful lives of the underlying capital assets. We evaluated the key factors and assumptions used to develop the depreciation expense estimate in determining that it is reasonable in relation to the financial statements taken as a whole.

The financial statement disclosures are neutral, consistent, and clear.

Difficulties Encountered in Performing the Audit

We encountered no significant difficulties in dealing with management in performing and completing our audit.

Significant Audit Findings – Continued

Corrected and Uncorrected Misstatements

Professional standards require us to accumulate all known and likely misstatements identified during the audit, other than those that are clearly trivial, and communicate them to the appropriate level of management. There were no material misstatements detected as a result of audit procedures.

Disagreements with Management

For purposes of this letter, a disagreement with management is a financial accounting, reporting, or auditing matter, whether or not resolved to our satisfaction, that could be significant to the financial statements or the auditor's report. We are pleased to report that no such disagreements arose during the course of our audit.

Management Representations

We have requested certain representations from management that are included in the management representation letter dated June 7, 2019.

Management Consultations with Other Independent Auditors

In some cases, management may decide to consult with other accountants about auditing and accounting matters, similar to obtaining a "second opinion" on certain situations. If a consultation involves application of an accounting principle to the Authority's financial statements or a determination of the type of auditor's opinion that may be expressed on those statements, our professional standards require the consulting accountant to check with us to determine that the consultant has all the relevant facts. To our knowledge, there were no such consultations with other accountants.

Other Audit Findings or Issues

We generally discuss a variety of matters, including the application of accounting principles and auditing standards, with management each year prior to retention as the Authority's auditors. However, these discussions occurred in the normal course of our professional relationship and our responses were not a condition to our retention.

Other Matters

We applied certain limited procedures to the required supplementary information (RSI) that supplements the basic financial statements. Our procedures consisted of inquiries of management regarding the methods of preparing the information and comparing the information for consistency with management's responses to our inquiries, the basic financial statements, and other knowledge we obtained during our audit of the basic financial statements. We did not audit the RSI and do not express an opinion or provide any assurance on the RSI.

Other Matters – Continued

We were engaged to report on the combining and individual fund financial statements and budgetary comparison schedules and supplemental schedules, which accompany the financial statements but are not RSI. With respect to this supplementary information, we made certain inquiries of management and evaluated the form, content, and methods of preparing the information to determine that the information complies with the accounting principles generally accepted in the United States of America, the method of preparing it has not changed from the prior period, and the information is appropriate and complete in relation to our audit of the financial statements. We compared and reconciled the supplementary information to the underlying accounting records used to prepare the financial statements or to the financial statements themselves.

Restrictions on Use

This information is intended solely for the use of the Board of Directors and management of the Authority and is not intended to be, and should not be, used by anyone other than these specified parties.

We wish to express our gratitude to the Board of Directors and staff (in particular the Finance Department) of the Glenbard Wastewater Authority, Illinois for their valuable cooperation throughout the audit engagement.

Lauterbach & Amen, LLP
LAUTERBACH & AMEN, LLP

SECTION 7.0

2019 ROOFING PROJECT – CONTRACT AWARD

MEMORANDUM

TO: Executive Oversight Committee

FROM: Tom Romza, P.E.

DATE: July 13, 2019

RE: Request for Approval
2019 Buildings O and Z Roof Rehabilitation



In 2017, GWA sought an evaluation of all the roofing systems on plant grounds and lift stations. Many of the roofs are original to the late 1970's and far past their useful life. While some of the roofs are still in decent condition, many are already failing, or on the verge of failing. GWA took the 2017 evaluation and developed an annual roof rehabilitation program over the next 15 years in effort to spread out the costs of rehabilitating every Authority roof asset.

The roof rehabilitation plan for 2019 is to replace the failing roof of Building O and the shingled roof of Building Z. In May 2019 Authority staff and the roofing consultant, Arcon, developed and sent out a public request for qualifications and proposals for the rehabilitation of the roofs of buildings O (UV building) and Z (SRI lift station). Nine (9) proposals were received, with Elens & Maichin Roofing being the low bid. The bids ranged from the low of \$136,300 to the high of \$184,950 (bid tabulation attached).

The Authority has an approved budget for roof rehabilitation in 2019 of \$141,750 out of Fund 40 Capital Improvement Projects. Arcon, having experience with most of the companies that submitted bids, has provided the attached letter of recommendation for accepting the bid provided by Elens & Maichin Roofing.

Therefore, after discussion with the TAC, it is recommended the EOC award Elens & Maichin Roofing & Sheet Metal, Inc the 2019 Buildings O and Z Roof Rehabilitation project in the amount not to exceed **\$136,300**. If approved, this amount will be taken out of the designated amount in CY2019 Approved Budget, Fund 40 580180 Capital Improvements Projects.



June 24, 2019

Mr. Tom Romza
Assistant Director
Glenbard Wastewater Authority
945 Bemis Road
Glen Ellyn, Illinois 60137

RE: **Letter of Recommendation
Roof Replacement at Buildings O and Z
Project No. 19028**

Dear Mr. Romza:

On Thursday, June 13, 2019, nine (9) bids were opened for the Roof Replacement at Buildings O and Z. The low Base Bid of \$136,300.00 was submitted by Elens & Maichin Roofing and Sheet Metal, Inc. of Joliet, Illinois. See attached Bid Tabulation Sheet for a complete summary of the bids.

On Friday, June 14, 2019, I conducted a scope review meeting with Mark Duffy, the President of Elens & Maichin Roofing and Sheet Metal, Inc. I reviewed the construction documents with Mark Duffy and he has confirmed their bid, including the Scope of the Project, allowances and the unit costs. Additionally, they have previously and successfully completed other roofing related projects with ARCON Associates, Inc.

Our office recommends that Glenbard Wastewater Authority extend a contract to Elens & Maichin Roofing and Sheet Metal, Inc. of Joliet, Illinois for the Roof Replacement at Buildings O and Z in the amount of \$136,300.00.

Please feel free to contact me if you have any questions regarding this letter.

Sincerely,
ARCON Associates, Inc.

A handwritten signature in black ink that reads "Brian E. McElmeel". The signature is fluid and cursive, with a prominent loop at the end of the last name.

Brian E. McElmeel, RRC, IIBEC
Director of Building Envelope Services

c: Matt Streicher, Glenbard Wastewater Authority
Jon Braga, Glenbard Wastewater Authority
Donna Demarakis, ARCON Associates, Inc.

attachments

BEM
J:\Glenbard Wastewater Authority\19028 Roof Replacement @ Buildings O & Z\1 Docs\Corr\19028L001.wpd

Project: Roof Replacement at Buildings O and Z

Owner: Glenbard Wastewater Authority

Project No.: 19028

Bid Date/Time: Thursday, June 13, 2019 at 2:00 PM



	CONTRACTOR	BID BOND	ADDENDUM No. 1	BASE BID	ALTERNATE BID	TOTAL BID W/ ALTERNATE
1	Anthony Roofing, LLC	✓	✓	\$154,528.00	\$19,786.00	\$174,314.00
2	Bennett & Brosseau Roofing Inc.	✓	✓	\$160,000.00	\$12,000.00	\$172,000.00
3	Combined Roofing Services LLC	✓	✓	\$184,950.00	\$23,400.00	\$208,350.00
4	Crowther Roofing & Sheet Metal Inc.	✓	✓	\$164,500.00	\$12,500.00	\$177,000.00
5	DCG Roofing Solutions, Inc.	✓	✓	\$142,660.00	\$28,600.00	\$171,260.00
5	Elens & Maichin Roofing & Sheet Metal Inc.	✓	✓	\$136,300.00	\$11,100.00	\$147,400.00
6	G.E. Riddiford Roofing Company	✓	✓	\$147,751.00	\$43,900.00	\$191,651.00
7	Knickerbocker Roofing and Paving Co. Inc.	✓	✓	\$165,900.00	NO BID	N/A
8	L. Marshall Inc.	✓	✓	\$137,000.00	\$27,000.00	\$164,000.00

SECTION 8.0

DISCUSSION

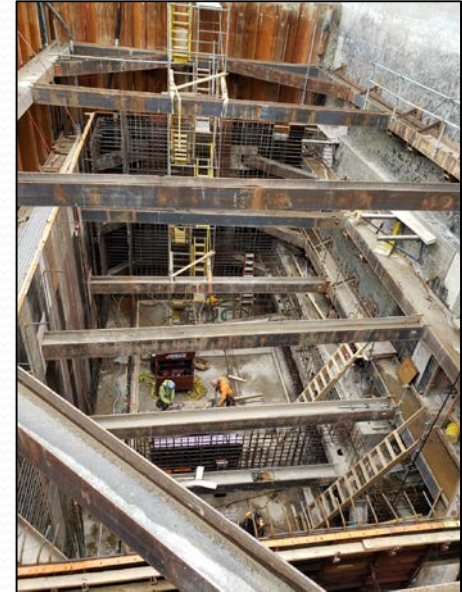
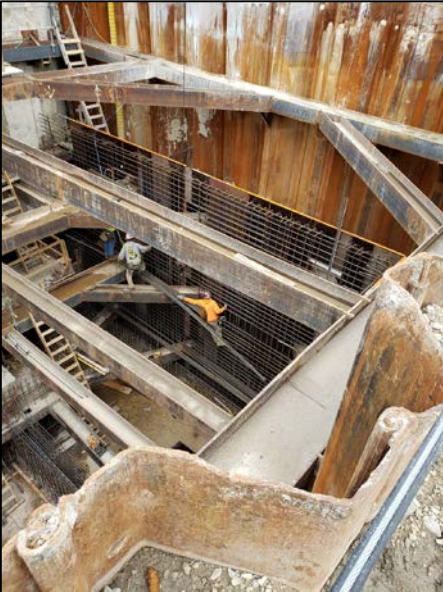
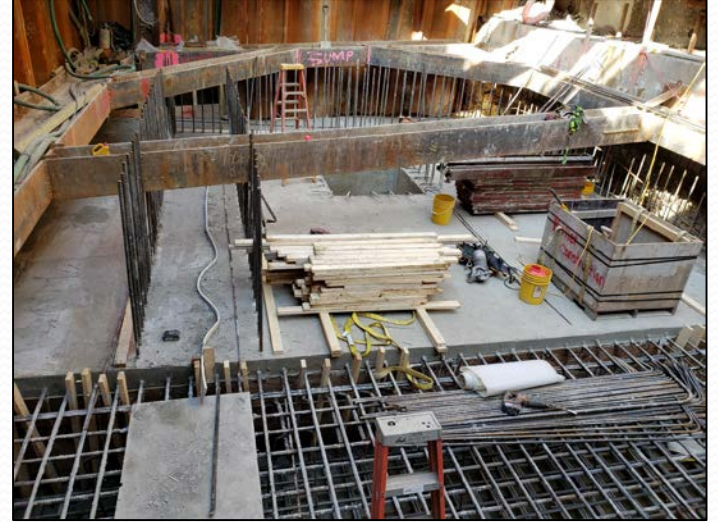
SECTION 8.1

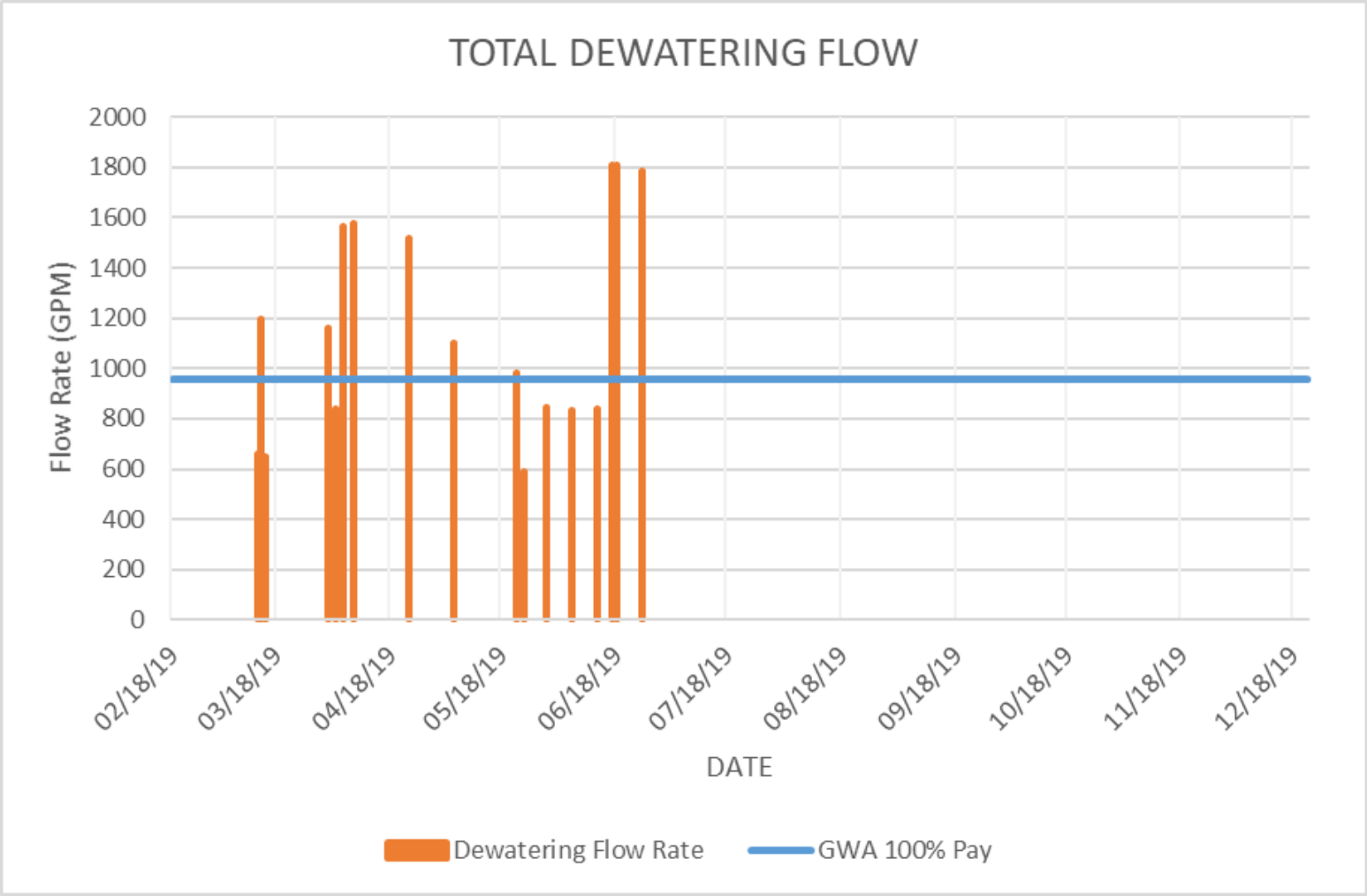
FACILITY IMPROVEMENT PROJECT – UPDATE

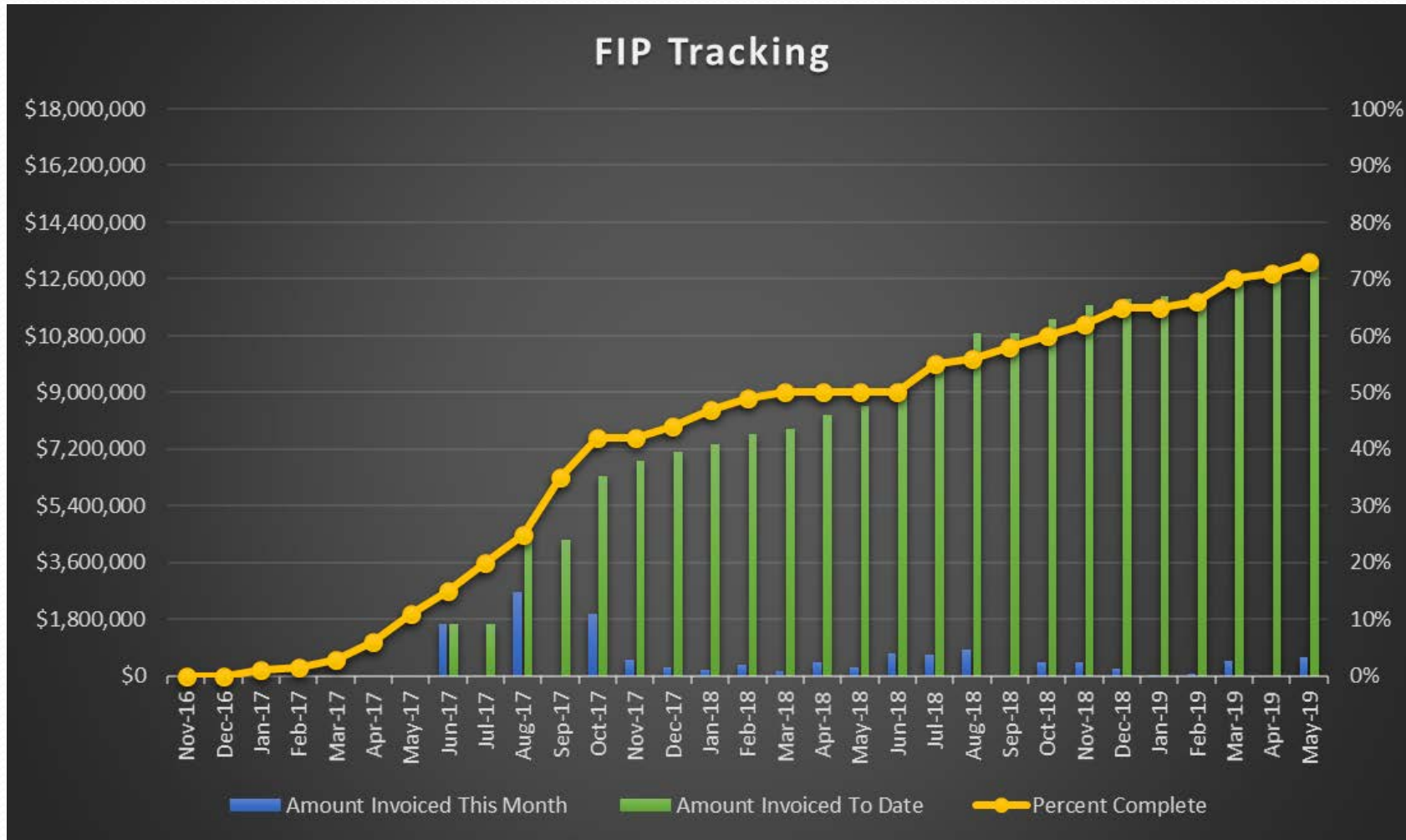
FIP Project Update

- Work Completed Since Last EOC Meeting
 - Filter Building Cleanup, interior punch list almost finished.
 - Chem-feed System Installed, problem with Hypo Pumps, re-design in progress.
 - Excavation for new Raw Pumps concrete base slab complete. Rebar for walls complete.
 - Pumping of water continues at over 960 gpm
 - Dewatering cost detail requested
 - Concrete pour plan for agreed on b/w contractor and design
 - HVAC Work – Building B duct continues, A and C started
 - All new pumps delivered
 - Krueger Investigation for backwash rates continues
 - 289 Submittals
 - 56 Requests for Information
- Work Anticipated Prior to Next EOC Meeting
 - Filter Building punch list update
 - Pump station slab/walls poured
 - New plan for Hypo system
 - Dewatering cost detail





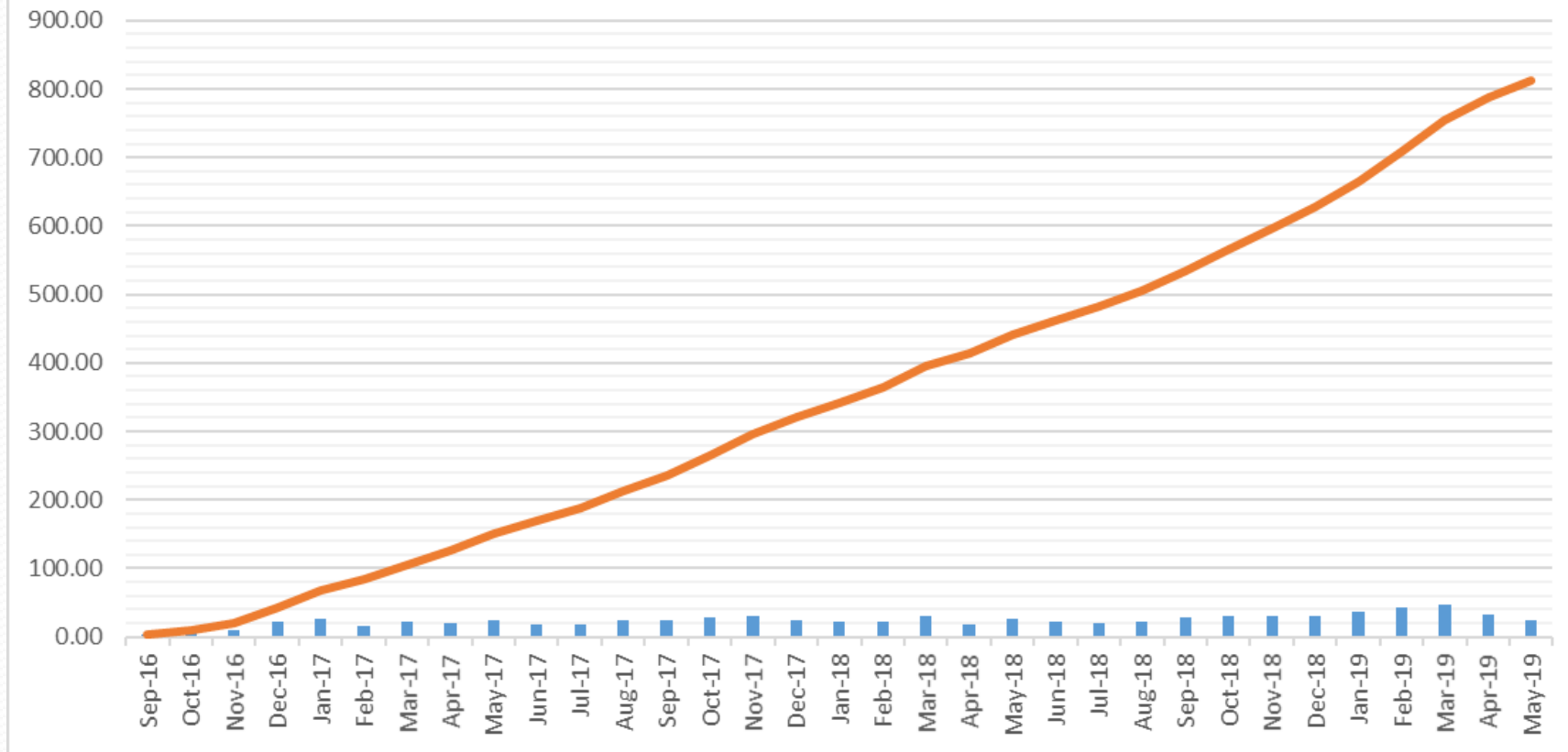




Days Remaining Until Final Completion (07/20/2020): 385

FIP GWA RE Tracking

■ GWA RE Hours — GWA RE Hours To Date



SECTION 8.2

CY2020 BUDGET

SCENARIO #1

GLENBARD WASTEWATER AUTHORITY FUND 40 CAPITAL PLAN

REVENUE in Thousands \$	Footnotes	CY(2019)	CY(2020)	CY(2021)	CY(2022)	CY(2023)	CY(2024)	CY(2025)	CY(2026)	CY(2027)	CY(2028)	CY(2029)	CY(2030)
		Estimated	Planning	Planning	Planning	Planning	Planning	Planning	Planning	Planning	Planning	Planning	Planning
Capital Fund Contribution - Glen Ellyn		1636	1625	1623	1639	1655	1672	1689	1705	1723	1740	1757	1775
Capital Fund Contribution - Lombard		1899	1946	1983	2003	2023	2043	2064	2084	2105	2126	2148	2169
Total Capital Fund Contribution	7	3535	3570	3606	3642	3679	3715	3752	3790	3828	3866	3905	3944
TOTAL REVENUE		6389	5424	3968	4007	4046	4058	4098	4139	4180	4221	4263	4315
EXPENSES in Thousands \$													
Debt Service Payments:		Estimated	Planning	Planning	Planning	Planning	Planning	Planning	Planning	Planning	Planning	Planning	Planning
Debt Service Payment Subtotal		637	1632	1632	1632	1632	1632	1314	995	995	995	996	996
IFT/DEBT SERVICES / PROJ TOTAL		6825	8208	6185	8495	5781	5435	4022	7360	4866	2468	2748	32211
Cash on Hand 1/1		4130	3694	910	(1307)	(5795)	(7530)	(8907)	(8830)	(12051)	(12737)	(10984)	(9469)
Gain/Loss FY		(436)	(2784)	(2217)	(4488)	(1735)	(1377)	76	(3221)	(686)	1753	1515	(27896)
Cash on Hand 12/31		3694	910	(1307)	(5795)	(7530)	(8907)	(8830)	(12051)	(12737)	(10984)	(9469)	(37365)

Fiscal Year	Percentage Increase
FY(2014)	11%
SY(2014)	-38%
CY(2015)	40%
CY(2016)	2%
CY(2017)	2%
CY(2018)	3%
CY(2019)	1.0%
CY(2020)*	1.0%
CY(2021)	1.0%
CY(2022)	1.0%
CY(2023)	1.0%
CY(2024)	1.0%
CY(2025)	1.0%
CY(2026)	1.0%
CY(2027)	1.0%
CY(2028)	1.0%
CY(2029)	1.0%
CY(2030)	1.0%

- Adjusted Since Last Presentation
 - Updated Actual/Estimated CY2019
 - Staff Updated CY2020 Budgeted Costs
 - Re-prioritized Recommended Capital Projects
- Only Defers Increases One More Year

SCENARIO #2

GLENBARD WASTEWATER AUTHORITY FUND 40 CAPITAL PLAN

REVENUE in Thousands \$	Footnotes	CY(2019)	CY(2020)	CY(2021)	CY(2022)	CY(2023)	CY(2024)	CY(2025)	CY(2026)	CY(2027)	CY(2028)	CY(2029)	CY(2030)
		Estimated	Planning	Planning	Planning	Planning	Planning	Planning	Planning	Planning	Planning	Planning	Planning
Capital Fund Contribution - Glen Ellyn		1636	2059	2586	2845	2873	2902	2931	2960	2990	3020	3050	3080
Capital Fund Contribution - Lombard		1899	2466	3161	3477	3511	3547	3582	3618	3654	3691	3727	3765
Total Capital Fund Contribution	7	3535	4525	5746	6321	6384	6448	6513	6578	6644	6710	6777	6845
TOTAL REVENUE		6389	6379	6108	6686	6751	6791	6859	6927	6996	7065	7135	7216
EXPENSES in Thousands \$		CY(2018)	CY(2020)	CY(2021)	CY(2022)	CY(2023)	CY(2024)	CY(2025)	CY(2026)	CY(2027)	CY(2028)	CY(2029)	CY(2030)
Debt Service Payments:		Estimated	Planning	Planning	Planning	Planning	Planning	Planning	Planning	Planning	Planning	Planning	Planning
Debt Service Payment Subtotal		637	1632	1632	1632	1632	1632	1314	995	995	995	996	996
IFT/DEBT SERVICES / PROJ TOTAL		6825	8208	6185	8495	5781	5435	4022	7360	4866	2468	2748	32211
Cash on Hand 1/1		4130	3694	1865	1788	(21)	950	2306	5143	4709	6839	11436	15823
Gain/Loss FY		(436)	(1830)	(77)	(1809)	970	1356	2837	(433)	2130	4597	4387	(24995)
Cash on Hand 12/31		3694	1865	1788	(21)	950	2306	5143	4709	6839	11436	15823	(9172)

Fiscal Year	Percentage Increase
FY(2014)	11%
SY(2014)	-38%
CY(2015)	40%
CY(2016)	2%
CY(2017)	2%
CY(2018)	3%
CY(2019)	1.0%
CY(2020)*	28.0%
CY(2021)	27.0%
CY(2022)	10.0%
CY(2023)	1.0%
CY(2024)	1.0%
CY(2025)	1.0%
CY(2026)	1.0%
CY(2027)	1.0%
CY(2028)	1.0%
CY(2029)	1.0%
CY(2030)	1.0%

- Same Adjustments as Scenario #1
- Larger Contribution Increases for CY2020, CY2021, and CY2022 to stay positive

SCENARIO #3

GLENBARD WASTEWATER AUTHORITY FUND 40 CAPITAL PLAN

REVENUE in Thousands \$	Footnotes	CY(2019)	CY(2020)	CY(2021)	CY(2022)	CY(2023)	CY(2024)	CY(2025)	CY(2026)	CY(2027)	CY(2028)	CY(2029)	CY(2030)
		Estimated	Planning	Planning	Planning	Planning	Planning	Planning	Planning	Planning	Planning	Planning	Planning
Proceeds from Borrowing	1	2500	1500	2200	2420								0
Capital Fund Contribution - Glen Ellyn		1636	1721	1821	1949	2085	2231	2387	2554	2733	2925	3129	3348
Capital Fund Contribution - Lombard		1899	2061	2226	2382	2549	2727	2918	3122	3341	3574	3825	4092
Total Capital Fund Contribution	7	3535	3782	4047	4331	4634	4958	5305	5676	6074	6499	6954	7441
TOTAL REVENUE		6389	5636	6609	7116	5001	5301	5651	6025	6426	6854	7312	7812
EXPENSES in Thousands \$		CY(2018)	CY(2020)	CY(2021)	CY(2022)	CY(2023)	CY(2024)	CY(2025)	CY(2026)	CY(2027)	CY(2028)	CY(2029)	CY(2030)
Debt Service Payments:		Estimated	Planning	Planning	Planning	Planning	Planning	Planning	Planning	Planning	Planning	Planning	Planning
Ana Digester Project Debt Payment (P&I)	8	637	637	637	637	637	637	319					
Biosolids Project Debt Payment (P&I)					67	67	67	67	67	67	67	67	67
Odor Project Debt Payment (P&I)						73	73	73	73	73	73	73	73
FIP Debt Payment Actual (P&I)	9		995	995	995	995	995	995	995	995	995	996	996
Debt Service Payment Subtotal		637	1632	1632	1699	1772	1772	1454	1135	1135	1135	1136	1136
IFT/DEBT SERVICES / PROJ TOTAL		6825	8208	6185	8562	5921	5575	4162	7500	5006	2608	2888	32351
Cash on Hand 1/1		4130	3694	1122	1547	100	(820)	(1094)	395	(1080)	340	4586	9010
Gain/Loss FY		(436)	(2572)	424	(1446)	(920)	(274)	1489	(1475)	1420	4246	4424	(24539)
Cash on Hand 12/31		3694	1122	1547	100	(820)	(1094)	395	(1080)	340	4586	9010	(15529)

Fiscal Year	Percentage Increase
FY(2014)	11%
SY(2014)	-38%
CY(2015)	40%
CY(2016)	2%
CY(2017)	2%
CY(2018)	3%
CY(2019)	1.0%
CY(2020)*	7.0%
CY(2021)	7.0%
CY(2022)	7.0%
CY(2023)	7.0%
CY(2024)	7.0%
CY(2025)	7.0%
CY(2026)	7.0%
CY(2027)	7.0%
CY(2028)	7.0%
CY(2029)	7.0%
CY(2030)	7.0%

- Same Adjustments as Scenario #1
- IEPA SRF Loans for Biosolids Project (CY2021) and Phase 2 Odor Control (CY2022)
- Loan Repayments Included
- Defers Negative until CY2023
 - Updated Facility Plan in CY2023
 - Other projects may be deferred by then
 - IEPA Loans could be used towards other projects in CY2023-CY2030

Capital Budget Comparison to GWA (DAF: 16.0 MGD)

Wheaton Sanitary District (DAF: 8.9 MGD)

- FY17: \$8.6 M
- FY18: \$16.1 M
- FY19: \$11 M
- FY20: \$20.7 M

Kishwaukee Water Reclamation District (DAF: 6.3 MGD)

- Capital Budget not posted
- Undergoing \$46.35 M
Expansion

Downers Grove Sanitary District (DAF: 8.0 MGD)

- FY19: \$4.4 M
- FY20: \$4.8 M
- FY21: \$6.2 M
- FY22: \$5.7 M
- FY23: \$6.3 M

*Does not include several
major projects

SECTION 8.3

NACWA PLATINUM AWARD

MEMORANDUM

TO: Executive Oversight Committee

FROM: Matt Streicher, P.E. BCEE

DATE: July 11, 2019

RE: **NACWA Platinum Peak Performance Award**



The National Association of Clean Water Agencies (NACWA) is the nation's recognized leader in legislative, regulatory and legal clean water advocacy - helping ensure a strong, sustainable clean water future. Every year NACWA peak performance awards recognize facilities for excellence in complying with their National Pollutant Discharge Elimination System (NPDES) permits. The NPDES permit states water quality criteria that the Authority must meet in the water we discharge after treatment. For the past five years, the Authority has achieved a "Gold Award," which are given to facilities with no NPDES permit violations for the entire calendar year. After five consecutive Gold Awards, facilities are eligible to receive a "Platinum Award," which is a prestigious honor. For achieving 100% compliance with our NPDES permit through 2018, the Authority is being awarded a Platinum Peak Performance Award for the very first time in its history.

I would like to congratulate the entire Glenbard Wastewater Authority Team, and thank the Executive Oversight and Technical Advisory Committees, for all the hard work and assistance in helping the Authority receive this prestigious award.

For more information and a list of other/past winners please visit <https://www.nacwa.org/about-us/awards/peak-performance-awards>.



1130 Connecticut Ave NW
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T (202) 833-2672
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Watershed Management
Atlanta, GA

**CHIEF EXECUTIVE
OFFICER**

Adam Krantz

May 17, 2019

Matthew Streicher
Executive Director
Glenbard Wastewater Authority
945 Bemis RD
Glen Ellyn, IL 60137-6469

Dear Matthew:

It gives us immense pleasure to inform you that Glenbard Wastewater Authority's Glenbard Plant has earned its first *Platinum Peak Performance Award* for five years of 100% compliance. Congratulations on this great accomplishment!

As a first-time *Platinum Peak Performance* honoree, the Glenbard Plant will be recognized with a formal presentation of its award at an evening Awards Ceremony on Thursday, July 18, 2019, during NACWA's Utility Leadership Conference & 49th Annual Meeting, *Building a Network of Influence: Utility Executive Leadership in a Changing World*, in Minneapolis, MN. We sincerely hope that you, or your designee, will be able to attend and be recognized by your peers in the clean water community.

Please pay special attention to the *Essential Information for Award Recipients* (included with this correspondence), as well as the following key deadlines described in detail in the accompanying materials:

June 7, 2019: Deadline to return your Peak Performance Award Response Form to NACWA

June 21, 2019: Deadline to send photos and/or videos of your team to NACWA for our multi-media presentation showcasing Platinum Award honorees

June 24, 2019: Hotel reservation cut-off for special group rate at the Loews Minneapolis

Additional honors that your utility may have been awarded, such as Gold or Silver Awards, will be mailed to you following the Utility Leadership Conference.

Peak Performance Award Letter
May 17, 2019
Page 2 of 2

Again, congratulations on a job well done. We look forward to presenting your Platinum Award in Minneapolis!

Sincerely,



Edward G. Henifin
Chair, NACWA Awards Committee
General Manager
Hampton Roads Sanitation District, VA



Adam Krantz
NACWA Chief Executive Officer

Enclosures: Essential Information for Award Recipients
Peak Performance Award Response Form

SECTION 9.0

OTHER BUSINESS

SECTION 9.1

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

June 27, 2019 2:15pm

Present: Director Goldsmith, Director Hansen, Mr. Streicher

1. FIP Update

a. Dewatering Costs

Mr. Streicher indicated that GWA intends to release payments #17 & #18 (\$53,505 & \$73,890) in order to keep the project moving forward, and since there has been signs on progress. The payments are being withheld due to the contractor not providing requested information in relation to the dewatering costs, which could result in a sizable change order, and therefore the information needs to be tracked. This information has been requested since early 2019 and not provided, so payments are continued to be withheld until it is received, along with a complete schedule. GWA would still be withholding \$1,100,485 until the dewatering information is received. The TAC agreed it's appropriate to release these payments at this time. The TAC advised Mr. Streicher to investigate the matter of the possibility that the pumps the contractor are renting could possibly be purchased since they've been being rented for such a long period of time, which essentially would reduce GWA's portion of the monthly dewatering costs. Mr. Streicher advised the TAC that at this time, since no progress is being made on the excavation, GWA does not intend to pay any of the dewatering costs due to poor planning. The contractor has been made aware of this through a letter that was issued to them stating GWA will not be paying starting from 4/15/2019, until work starts again.

b. Schedule Update

Mr. Streicher indicated no updated schedule has been provided, but at this time it's estimated the new completion date would be around summer of 2020.

c. Filters Update

Mr. Streicher indicated the manufacturer intends to come out to the plant again soon to evaluate any changes since their last visit, since flows have finally returned to a somewhat normal range.

d. Concrete Pours

Mr. Streicher indicated that no concrete has been poured since 4/1/2019, however at today's ERS discussion meeting, significant progress was made towards a plan to move forward. There was a meeting held today between Boller, their retained structural expert (Baxter & Woodman), Black & Veatch's structural experts, and GWA. It appears Boller now has a plan to move forward that was verbally accepted by Black and Veatch. Boller will submit those plans and drawings to Black and Veatch early next week, and should receive feedback by the following week. Once Boller has received some more firm confirmation that the plan is generally acceptable, they will begin work to prepare for further concrete pours.

e. Disinfection System Anticipated Change Order

Mr. Streicher informed the TAC that GWA still has to return information to Black & Veatch regarding this item, however, at this time it appears we favor upsizing the pumps. GWA will have to figure out how this works with the purchasing policy, but they would propose purchasing the new pumps ourselves since we basically "plead mercy" to the sales person and received a special deal; we would return the undersized pumps to the manufacturers representative, and purchase new larger pumps for a significantly discounted price. GWA would also request a proposal from Boller to install the new pumps, which they would deserve payment for, since this issue was no fault of theirs. The TAC asked if GWA would have the ability to install the pumps in-house. Mr. Streicher stated he would inquire with GWA staff, but that between mechanical and electrical work, it may be better to have the contractor install them depending on price.

Protecting the Environment for Tomorrow

f. Construction Engineering Contract

Mr. Streicher reminded the TAC that Black & Veatch is still essentially working without a contract at this time, and they have acknowledged that, and propose to get us another amendment to review soon. At the last TAC meeting, it was requested that Mr. Streicher obtain a legal opinion as to whether or not it was advised to let this continue. GWA's legal consul stated that although we are not paying them at this time, they still have all the same liabilities and responsibilities if matters with the FIP were to escalate to litigation.

2. Budget Discussion

Mr. Streicher provided two updated capital budget scenarios to the TAC. After the last TAC and EOC meetings, GWA staff has updated the capital budget to attempt to re-arrange projects further in order or prioritization, and to attempt to "smooth out" the need for larger increases in capital contributions. One scenario showed the new updated plan, and that for CY20, we could sustain the 1% increase – however that only defers the problem to future years. In the second scenario, the odor control projects (approximately a total of \$5M) were to be done under the IEPA SRF loan, and therefore the costs were deferred and spread out. This scenario showed that GWA would need an annual 7% increase in capital contributions for the next 10 years. Mr. Streicher also brought data from other WWTP's budget/capital plans, which demonstrated that facilities that are smaller in size than GWA have much larger annual capital budgets, and that this rate of increase is not unusual for a facility of our size and nature. The TAC recommended bringing forth this information to the next EOC meeting to keep the budget discussion rolling.

3. Other Business

a. Screw Pump Cover

Mr. Streicher indicated that Maintenance is still working on receiving a proposal, and that GWA would be requesting waiving competitive bidding since no bids were received. Mr. Streicher indicated that GWA still has yet to inquire why the one supplier we are aware of did not place a bid. At this time it appears they were unaware of the bid advertisement.

b. Roofing bid

i. Recommend Approval at July EOC Meeting

Mr. Streicher informed the TAC that at the June 14 bid opening we received a low bid of ~\$136,600, and that \$144,000 was budgeted for this project. Mr. Streicher informed the TAC that GWA's roofing consultant recommends approving the low bidder.

c. Electrical Grid Design Update

Mr. Streicher informed the TAC that this project continues to fall behind. The original bid date was supposed to be in November 2018, then was pushed back to July 2019, and now appears to be delayed further. GWA is still waiting on 90% plans and specifications. This project does have some complexities that have caused delay.

d. Property Acquisition Discussion

Mr. Streicher informed the TAC the its legal consul is currently developing a letter of intent to provide to the owner in order to lay out terms of the sale and following agreement. Mr. Streicher asked what the "rent" should be if the seller stays at the property longer than the agreed upon "free" time, and proposed monthly rent be \$1,100. The TAC appeared to agree on this.

e. Preemptive Odor Email??

Mr. Streicher informed the TAC that GWA intends to send out a "preemptive odor email" in order to educate residents and inform them that we are approaching a season in which there is a potential for greater odors. GWA intends to word this so that it is not inviting residents to place complaints, but more educate them. The TAC suggested to have the email direct them to the website where the SOP's are, and to provide information but not invite them to call. The TAC advised to inform the residents of the impact of dry/warm weather, that the odors aren't operational issues, and that GWA does not have control. The TAC also suggested that without inviting complaints, at least direct residents to the website where they could place inquiries.

f. Berm Reduction/Property Across the street/ROW Work

Mr. Streicher indicated he received verbal approval that the permit for the berm reduction work from the Village of Glen Ellyn, however he is awaiting documentation showing the requested fees in order to have the permit issued. Since GWA cannot issue a check without some sort of request showing one, the Village needs to provide the documentation requesting the \$2k deposit, and the \$50 inspection fee for the tree protection. Director Goldsmith wanted the records to show that he



Glenbard Wastewater Authority

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disagrees with the fees since we are part of the same entity, and essentially Lombard is now paying for a portion of Glen Ellyn's profits. Mr. Goldsmith also stated that since all of this work is to be in the ROW, he feels it should be Glen Ellyn's responsibility and not GWA's. However, Director Goldsmith only stated his disagreements for the record, and did not oppose moving forward with the project. Director Hansen stated that Public Works has a work order in for other work in the ROW near GWA's property.

- g. NPDES Permit Public Hearing – June 13
The TAC was informed that on June 13 GWA held a public meeting as required in it's NPDES permit for the pollution prevention plan at it's CSO plant. Present at the meeting were Mr. Streicher, Mr. Romza, and Mr. Jack from the Village of Lombard. No residents came.
 - h. NPDES Renewal
 - i. RFP for application assistance
Mr. Streicher informed the TAC that GWA intends to move forward with waiving the RFP process and receiving a proposal for this work from only one of it's shortlisted firms, due to the unique set of qualifications for this work, and one firms familiarity with doing this work for GWA. This proposal will be brought to a future TAC meeting.
4. Old Business
- a. High Strength Waste Hauler Agreement
The TAC was informed that GWA's legal consul is drafting an agreement to attach to HSW's hauler permit, which will lower their rate to \$0.03/gallon, but incur a 15,000 gallon/week minimum invoice. Mr. Streicher informed the TAC that this hauler is proposing to bring in a couple of different waste streams to meet their quota, and they expect to bringing approximately 25,000 gallons of HSW per week. Mr. Streicher stated he is comfortable with this hauler, as they want to establish a good relationship, and so far all of the material they propose to bring in has been tested and is acceptable, and should yield good biogas production.
 - b. On-Call Discussion
Mr. Streicher informed the TAC that no progress has been made in regards to this subject. When brought up to GWA staff, there were vocal concerns, so Mr. Streicher and Mr. Romza need to meet with staff to discus their concerns. Director Hansen then moved on to state that his biggest concern is an appropriate succession plan for key GWA staff. Mr. Streicher indicated that there is one, but agrees that replacing some key staff would be difficult.
 - c. FPA Amendment Update (Carl)
Mr. Streicher informed the TAC he had a discussion with a consulting firm that was retained to evaluation capacity for conveyance of a proposed development in Lombard, which may require an FPA amendment. Director Goldsmith indicated he has been in communication with Flagg Creek Water Reclamation District in regards to the possible need to amend the FPA between Flagg Creek and GWA.
 - d. Manhole/Sewer Inspections ongoing
No update; manhole inspections have been completed and are currently being reviewed by GWA's consultant, sewer televising is still yet to occur.
 - e. Pretreatment Ordinance Status/Local limits change
Mr. Streicher informed the TAC that we are "this close" to getting a final copy approved by USEPA and being able to bring it forth to Lombard's board. GWA received more feedback from the USEPA and expects to hear a final answer back prior to the next TAC meeting. Village of Glen Ellyn has passed the FOG ordinance, but will adopt the pretreatment ordinance after Lombard has adopted it.

Protecting the Environment for Tomorrow

- f. Forest Preserve County of DuPage Easement Leases (Julius)
Director Hansen had no significant updates on this matter, and stated the Village's engineering department is still working on this.
- g. 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 3:40pm

SECTION 9.2

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	August	
Admin Building HVAC Construction	\$1,000,000	June	APPROVED
Roof Rehabilitation	\$144,000	July	PROPOSED
Infrastructure Improvement			
Dewatering Building GBT Room & Truck Bay AHU Replacement	\$50,000	March/April	COMPLETED/Under \$20k
Plant Fiber Testing & Repairs	\$30,000	May	COMPLETED/Under \$20k
HSW Improvements Modifications	\$25,000	TBD	
Equipment Rehabilitation			
Overhead Door Safety Bumper Replacements	\$30,000	June	Under \$20k
Screw Pump Rehab	\$45,000	August	PROPOSED
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	APPROVED/UNDERWAY
Gravity Thickener Bridge & Mechanism Painting	\$40,000	September	
SRI Pump Station Concrete Lining	\$50,000	September	
Rolling Stock			
None			



Glenbard Wastewater Authority

21W551 Bemis Road Glen Ellyn, Illinois 60137

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

Administrative			
Forest Preserve Easement License Costs for NRI	\$150,000	TBD	Under VOG E Review
Pretreatment Ordinance Recommendation	-----	June	Under USEPA Review

SECTION 10.0
NEXT EOC MEETING
THURSDAY
AUGUST 8, 2019
AT 8:00 A.M.

SECTION 11.0

EXECUTIVE SESSION