

GLENBARD WASTEWATER AUTHORITY
Executive Oversight Committee
Agenda

July 15, 2021

8:00 a.m.

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

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

Motion the EOC to approve the following items including Payroll and Vouchers for part of the month June 2021 \$969,128.73 (Trustee Christiansen).

- 5.1 Executive Oversight Committee Meeting Minutes
June 10, 2021 EOC Meeting
- 5.2 Vouchers Previously Reviewed by:
June 2021 – Trustee Christiansen
- 5.3 Approval of Maintenance Contract for Combined Heat and Power Engine's
20,000 Service Interval

With the installation of the Combined Heat and Power (CHP) System in 2016, the Authority has anticipated and budgeted for various service intervals on the engines and generators based on the number of hours they have been operating. One of the major service intervals is the 20,000-hour interval, which both sets of engines and generators have now reached. Although most of the maintenance on the CHP system is performed in house, due to the larger scope and need for specific equipment, this work will be outsourced to the manufacturer of the CHP system

Due to the proprietary nature of the CHP system, the Authority is formally requesting competitive bidding to be waived based on Section C.1.f of the Village of Glen Ellyn's purchasing policy which waives competitive bidding for "Standardization purchases, defined as technical nature of certain items or services may result in the standardization of a particular supplier's specifications being necessary or desirable to Village operations. Competitive bidding may be

waived if the Village requires compatibility with existing software, machinery, or other existing equipment.” The manufacturer of the CHP system, Nissen Energy, will be utilized to assist with the work. This approach was discussed and agreed upon by the TAC.

The Authority recommends the EOC authorize the Authority to approve the contract with Nissen Energy in the amount of \$151,600 for the CHP 20,000 service interval. The funds will be taken from Fund 270-520975 where \$248,000 was budgeted for this work.

5.4 CY2021 Roofing Contract

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 2021 is to replace the failing roof of Buildings E and G. This was discussed at the TAC level and agreed that as long as the bids came in near the budgeted amount, this work should be recommended to be approved and move forward.

In June Authority staff and the roofing consultant, Arcon, developed and sent out a public request for qualifications and proposals for the rehabilitation of the roof of buildings E&G. The bid opening was scheduled for July 1, 2021, at 2:00pm. Seven proposals were received, with Crowther Roofing & Sheet Metal Inc being the low bid. The bids ranged from the low of \$68,000 to the high of \$105,000 (bid tabulation attached).

The Authority has an approved budget for roof rehabilitation in 2021 of \$47,000 out of Fund 40 Capital Improvement Projects. Arcon, having experience with most of the companies that submitted bids, has provided a letter of recommendation for accepting a low bid.

The Authority has an approved budget for roof rehabilitation in 2021 of \$47,000 out of Fund 40 Capital Improvement Projects. The low bid of \$68,000 is in excess of the budgeted amount, however, the authority is still seeking to approve the Crowther bid for several reasons; it is unknown if costs are going to come down next year if this project is lumped in with the 2022 roofing project, the roofs are in need of significant repair, and we can absorb the extra \$21k into our capital reserve/cash on hand. Arcon, having experience with most of the companies that submitted bids, has provided the attached letter of recommendation for accepting the bid provided by Crowther Roofing & Sheet Metal, Inc.

Therefore, after discussion with the TAC, it is recommended the EOC authorize the Authority to award Crowther Roofing & Sheet Metal, Inc. the 2021 Building E&G Roof Rehabilitation project in the amount not to exceed \$68,000. If approved, this amount will be taken out of the CY2021 Approved Budget, Fund 40 580180 Capital Improvements Projects.

6. Approval of CY2020 Audit

Attached is the Annual Audited Financial Statements for the Glenbard Wastewater Authority for the fiscal year that ended December 31, 2020. Financial highlights for the Authority's fiscal year 2020 (FY2020) are presented on pages 6-7 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 5-14. 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, 2020 and to forward the audit report to the full Authority Board for final approval at the next annual meeting.

Motion to allocate the 2020 operating surplus of \$353,423 and the remaining 2019 operating surplus of \$10,255 to the Capital Fund.

7. Approval of Parts Purchase for Return Activated Sludge (RAS) Pump Station Rehabilitation

The Authority's most recent facility plan identified the rehabilitation of the Return Activated Sludge (RAS) Pump Station in CY2021, with the work being completed in-house. A portion of the scope included replacing five valve actuators and eight magnetic flow meters, however, staff is able to realize some savings by eliminated an unnecessary valve actuator as a result of other changes in the RAS pumping systems.

In an effort to maintain uniformity, the proposed valve actuators and magnetic flow meters are the same brand and models as others throughout the plant site, and therefore The Authority is formally requesting competitive bidding to be waived based on Section C.1.f of the Village of Glen Ellyn's purchasing policy which waives competitive bidding for "Standardization purchases, defined as technical nature of certain items or services may result in the standardization of a particular supplier's specifications being necessary or desirable to Village operations. Competitive bidding may be waived if the Village requires compatibility with existing software, machinery, or other existing equipment." This approach was discussed and agreed upon by the TAC.

The Authority recommends the EOC authorize the Authority to approve the purchase of five valve actuators from SwansonFlo in the amount of \$23,390.69 and eight magnetic meters from ABB in the amount of \$37,673.24. Both purchases are budgeted in Fund 40-580180, where \$180,000 is budgeted for the entire RAS Pump Station Rehabilitation.

The purchase of the remaining equipment associated with the rehabilitation will be requested at a future EOC meeting.

8. Discussion

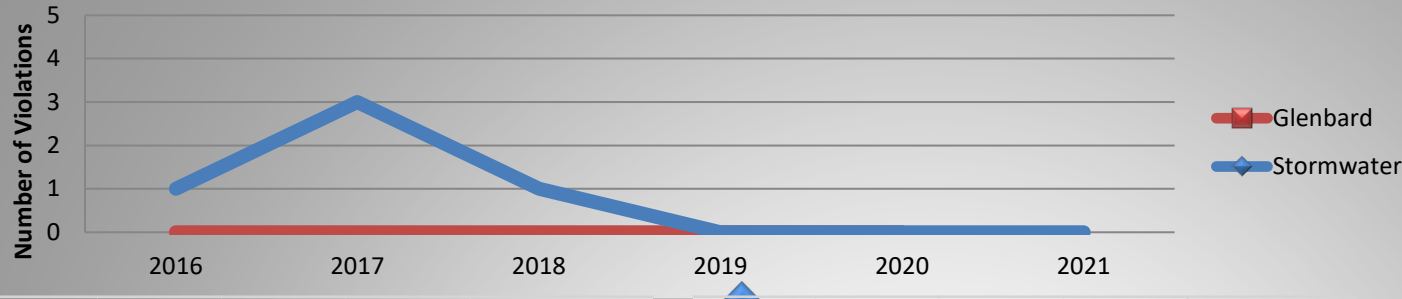
8.1 Capital Improvement Projects Update

9. Other Business

9.1 Technical Advisory Committee Updates

10 ***Next EOC Meeting*** – The next regularly scheduled EOC Meeting is set for ***Thursday, August 12, 2021 at 8:00 a.m. location TBD.***

NPDES Permit Violations



Glenbard Plant: *Current Record

3068 Days February 4, 2013 through June 30, 2021

Previous excursion free operating record:

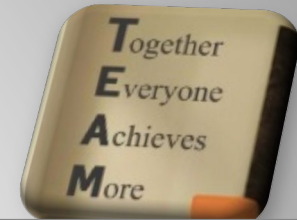
1058 Days September 8, 2007 – April 10, 2010

Stormwater Facility: * Current Record

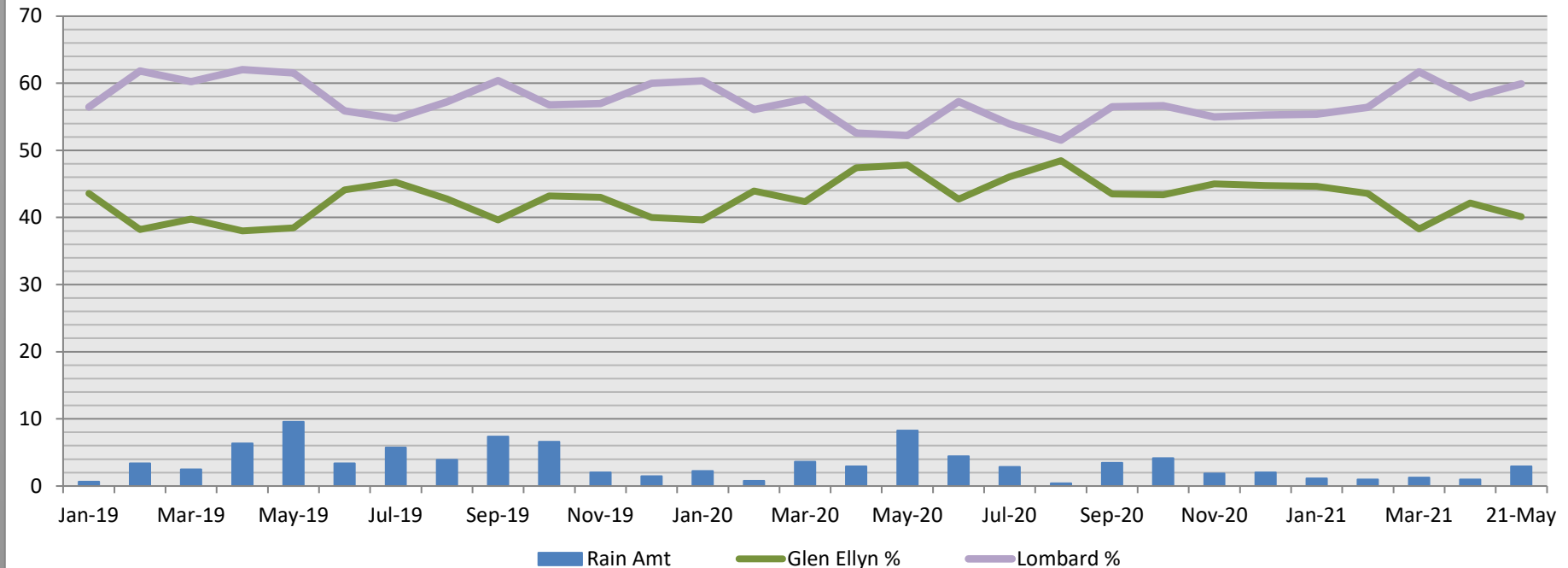
1172 Days April 15, 2018 through June 30, 2021

Current excursion free operating record:

1140 Days July 11, 2009 through August 27, 2012



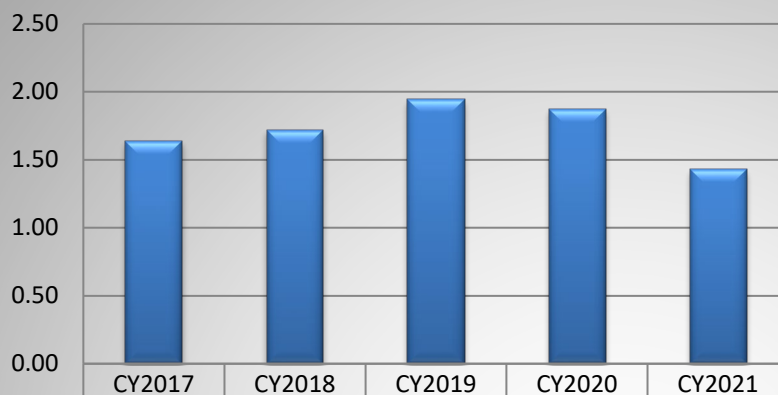
Flow Billing Comparison



Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20	Jul-20	Aug-20	Sep-20	Oct-20	Nov-20	Dec-20	Jan-21	Feb-21	Mar-21	Apr-21	21-May
43.5669	38.1926	39.7689	37.9926	38.464	44.1141	45.2611	42.76693	39.6144	43.22	43.01282	40.0011	39.6412	43.931	42.3567	47.418	47.7942	42.7287	46.0736	48.4668	43.5073	43.3642	45.0223	44.7414	44.6336	43.579	38.2972	42.152	40.098
56.4331	61.8074	60.2311	62.0074	61.535	55.8859	54.7389	57.23307	60.3856	56.7761	56.98718	59.9989	60.3588	56.069	57.6433	52.582	52.2058	57.2713	53.9264	51.5332	56.4927	56.6358	54.9777	55.2586	55.3664	56.421	61.7028	57.848	59.903
0.66	3.385	2.48	6.33	9.545	3.355	5.74	3.905	7.345	6.59	2.01	1.45	2.24	0.76	3.615	2.91	8.265	4.44	2.84	0.4	3.46	4.15	1.88	2.02	1.14	0.985	1.242	0.985	2.915



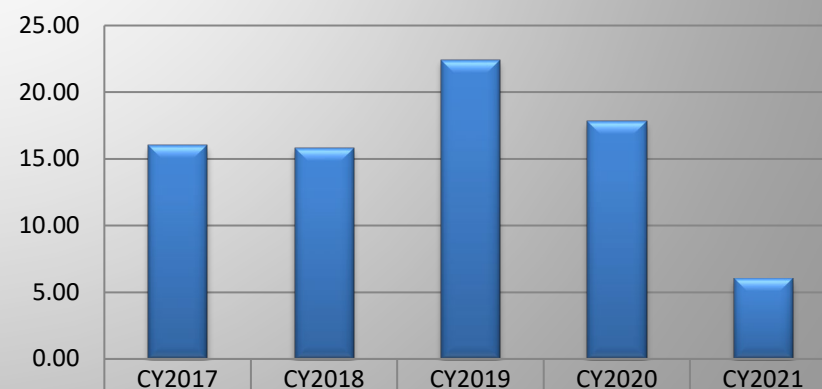
Billion Gallons Treated Per Year as of May 31, 2021



■ Billion Gallons Treated Per Year
as of May 31, 2021

CY2017	CY2018	CY2019	CY2020	CY2021
1.64	1.72	1.94	1.87	1.43

Total Rainfall in Inches as of May 31, 2021



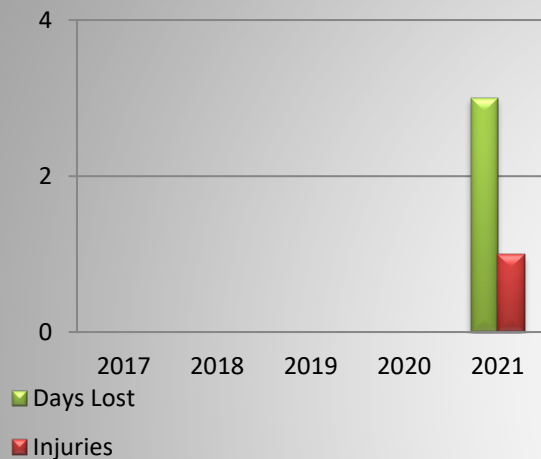
■ Total Rainfall in Inches as of
May 31, 2021

CY2017	CY2018	CY2019	CY2020	CY2021
16.00	15.80	22.40	17.79	6.01



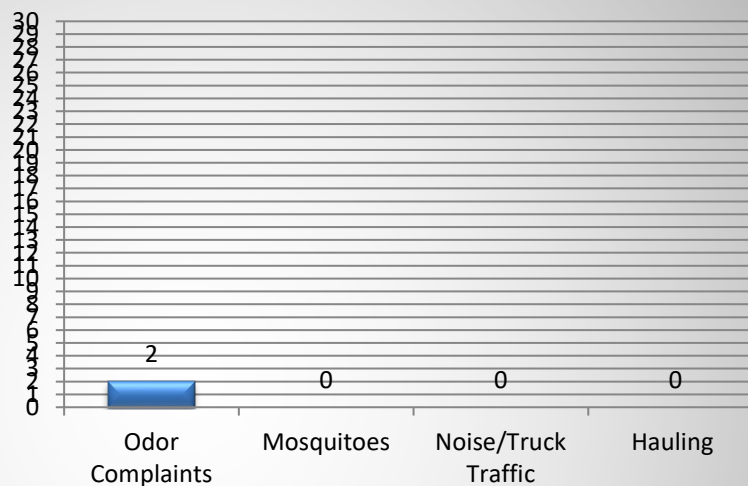
The Authority Key Performance Indicators Regarding Safety and Neighborhood Impacts

Injuries + Lost Time

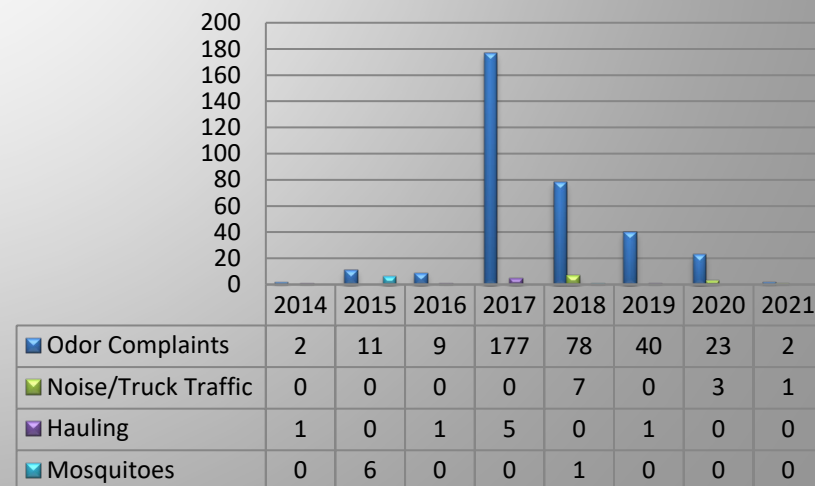


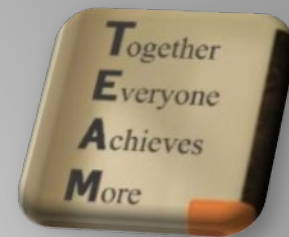
Year	2017	2018	2019	2020	2021
Injuries	0	0	0	0	1
Days Lost	0	0	0	0	3

May 2021 Complaints

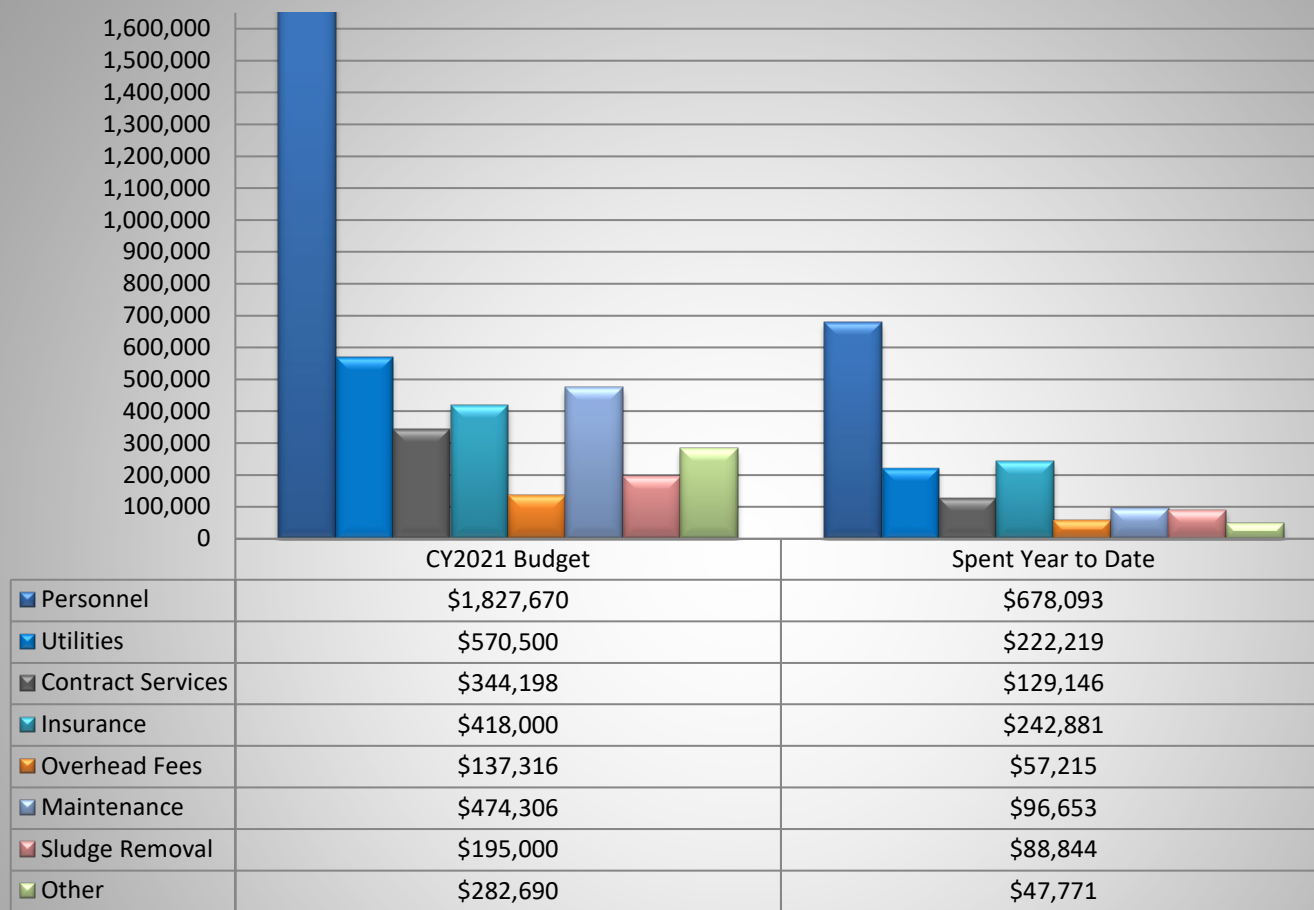


Annual Complaint Comparison





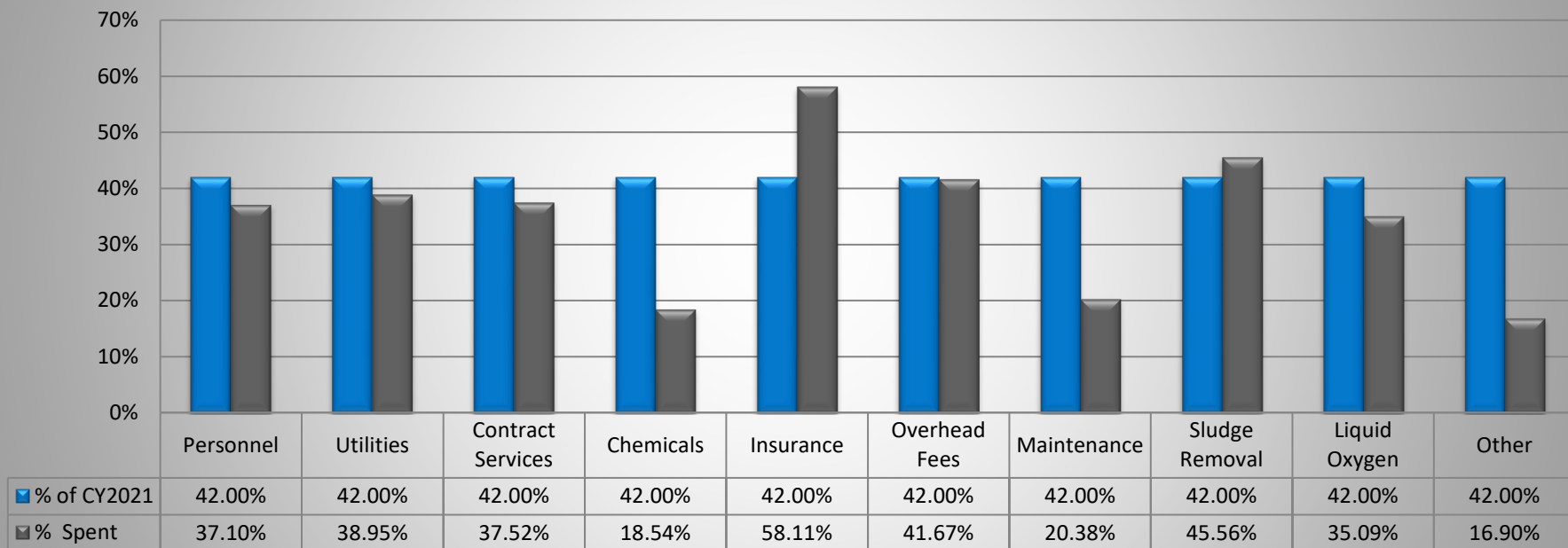
May 2021 O&M Expense \$ Reporting



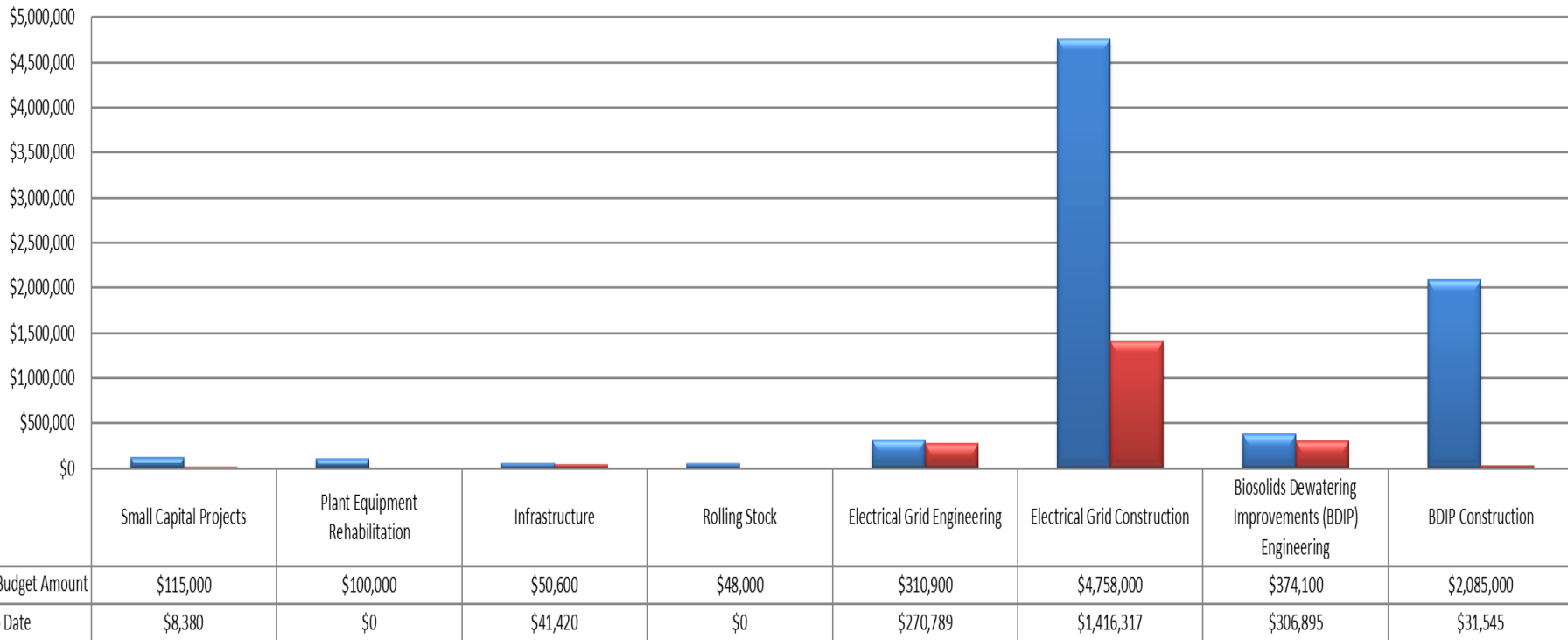
	Personnel	Utilities	Contract Services	Chemicals	Insurance	Overhead Fees	Maintenance	Sludge Removal	Liquid Oxygen	Other
CY2021 Budget	\$1,827,670	\$570,500	\$344,198	\$140,000	\$418,000	\$137,316	\$474,306	\$195,000	\$315,000	\$282,690
Spent Year to Date	\$678,093	\$222,219	\$129,146	\$25,956	\$242,881	\$57,215	\$96,653	\$88,844	\$110,547	\$47,771
% of CY2021	42%	42%	42%	42%	42%	42%	42%	42%	42%	42%
% Spent	37.10%	38.95%	37.52%	18.54%	58.11%	41.67%	20.38%	45.56%	35.09%	16.90%



May 2021 O&M Expense % Reporting



May 2021 Project Updates



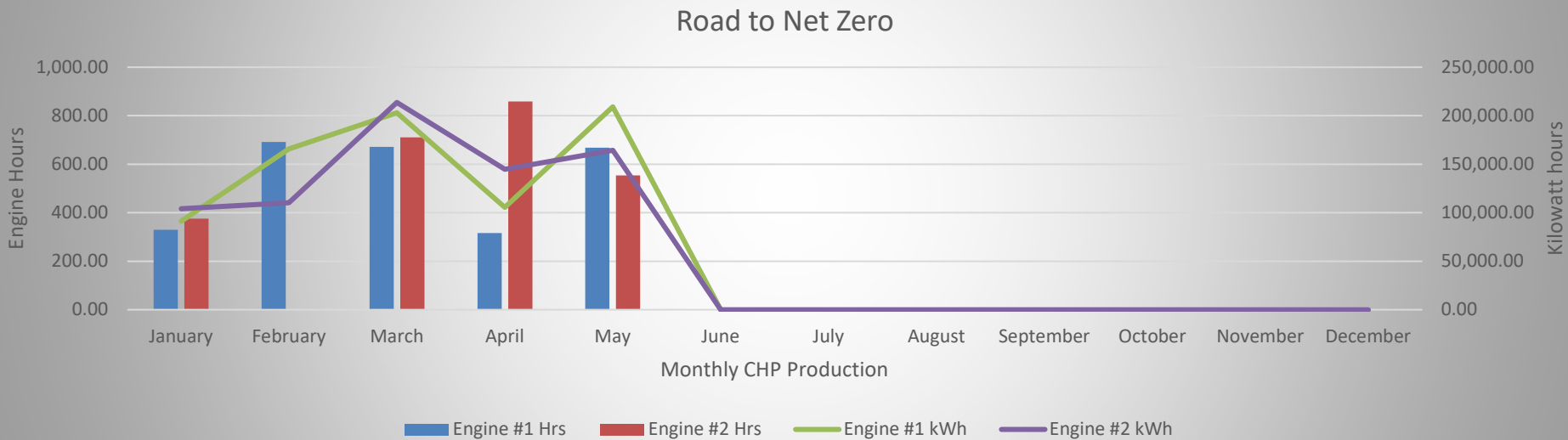


CY2021 Capital Projects

Description	Project Budget Amount	Spent to Date	January Updates
Small Capital Projects	\$115,000	\$8,380	Through June 15, 2021
Plant Equipment Rehabilitation	\$100,000	\$0	Through June 15, 2022
Infrastructure	\$50,600	\$41,420	Through June 15, 2021
Rolling Stock	\$48,000	\$0	Through June 15, 2022
Electrical Grid Engineering	\$310,900	\$270,789	Through June 15, 2021
Electrical Grid Construction	\$4,758,000	\$1,416,317	Through June 15, 2022
Biosolids Dewatering Improvements (BDIP) Engineering	\$374,100	\$306,895	Through June 15, 2021
BDIP Construction	\$2,085,000	\$31,545	Through June 15, 2022



Combined Heat & Power Production Report



Monthly CHP Production 2021 = \$0.08/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	329.60	744	375.20	744	91,317.00	279,000	104,255.00	279,000	\$15,208.08	
February	691.00	672	0.00	672	165,866.00	252,000	110,341.00	252,000	\$21,478.42	
March	671.50	744	711.10	744	202,973.00	279,000	213,670.00	279,000	\$32,399.02	
April	315.90	720	858.00	720	105,411.00	270,000	144,712.00	270,000	\$19,450.08	
May	668.00	744	553.60	744	209,032.00	279,000	164,405.00	279,000	\$29,039.23	



Return on Investment Monetary Breakdown

		HSW/FOG Gallons Received	HSW Tipping Fees	Elec Energy Produced @ \$0.07/kWh	Maintenance Costs	Total + or -	Target to meet 8.8 Year Repayment Schedule	Hit + or Miss -
	RECS							
Calendar Year 2020								
January		200,970	\$10,048.50	\$18,042.01	\$1,890.00	\$26,200.51	\$31,256.00	(5,055.49)
February		141,465	\$7,073.25	\$20,094.73	\$1,512.89	\$25,655.09	\$31,256.00	(5,600.91)
March		173,840	\$8,692.00	\$19,599.80	\$580.00	\$27,711.80	\$31,256.00	(3,544.19)
April		153,275	\$7,663.75	\$20,494.55	\$2,436.00	\$25,722.30	\$31,256.00	(5,533.69)
May		136,460	\$6,823.00	\$17,846.52	\$2,254.85	\$22,414.67	\$31,256.00	(8,841.33)
June		153,920	\$7,696.00	\$19,134.51	\$1,395.44	\$25,435.07	\$31,256.00	(5,820.92)
July		161,425	\$8,071.25	\$9,251.31	\$1,161.36	\$16,161.20	\$31,256.00	(15,094.80)
August		219,075	\$10,953.75	\$20,545.50	\$1,846.00	\$29,653.25	\$31,256.00	(1,602.74)
September		187,790	\$9,389.50	\$16,063.45	\$4,621.48	\$20,831.47	\$31,256.00	(10,424.53)
October		221,345	\$11,067.25	\$31,816.95	\$1,846.00	\$41,038.20	\$31,256.00	9,782.20
November		165,540	\$8,277.00	\$14,524.77	\$2,463.88	\$20,337.89	\$31,256.00	(10,918.10)
December	\$24,198.77	261,102	\$13,055.10	\$21,787.92	\$993.00	\$58,048.79	\$31,256.00	26,792.79
Annual Totals	2,176,207	\$108,810.35	\$229,202.03	\$23,000.90	\$339,210.25			
Repayment Balance	\$3,300,633.09							
Annual Payback on Investment	\$240,438.87							
Current Return on Investment in Years	13.7							
	RECS	HSW/FOG Gallons Received	HSW Tipping Fees	Elec Energy Produced @ \$0.07/kWh	Maintenance Costs	Total + or -	Target to meet 8.8 Year Repayment Schedule	Hit + or Miss -
Calendar Year 2021								
January		235,008	\$11,750.40	\$15,208.08	\$1,247.28	\$25,711.20	\$29,893.77	(4,182.56)
February		201,730	\$9,276.50	\$21,478.42	\$1,108.06	\$29,646.86	\$29,893.77	(246.90)
March		244,483	\$11,974.50	\$32,399.02	\$19,660.08	\$24,713.44	\$29,893.77	(5,180.33)
April	\$47,040.99	129,772	\$6,488.60	\$19,450.08	\$620.00	\$25,318.68	\$29,893.77	(4,575.09)
May		247,017	\$12,350.85	\$29,039.23	\$2,928.82	\$38,461.26	\$29,893.77	8,567.49
June			\$0.00	\$0.00		\$0.00	\$29,893.77	(29,893.77)
July			\$0.00	\$0.00		\$0.00	\$29,893.77	(29,893.77)
August			\$0.00	\$0.00		\$0.00	\$29,893.77	(29,893.77)
September			\$0.00	\$0.00		\$0.00	\$29,893.77	(29,893.77)
October			\$0.00	\$0.00		\$0.00	\$29,893.77	(29,893.77)
November			\$0.00	\$0.00		\$0.00	\$29,893.77	(29,893.77)
December			\$0.00	\$0.00		\$0.00	\$29,893.77	(29,893.77)
Annual Totals	\$47,040.99	1,058,010	\$51,840.85	\$117,574.83	\$25,564.24	\$143,851.44		
Repayment Balance	\$3,156,781.65							
Annual Payback on Investment	\$240,438.87							
Current Return on Investment in Years	13.1							

SECTION 5.0

CONSENT AGENDA

SECTION 5.1

MINUTES –

JUNE 10, 2021 MEETING

GLENBARD WASTEWATER AUTHORITY
Executive Oversight Committee
MINUTES
June 10, 2021
Meeting held at the Glenbard Wastewater Plant
945 Bemis Road, Glen Ellyn, IL

Members Present:

Mark Senak	President, Village of Glen Ellyn
Kelli Christiansen	Trustee, Village of Glen Ellyn
Scott Niehaus	Village Manager, Village of Lombard
Mark Franz	Village Manager, Village of Glen Ellyn
Carl Goldsmith	Public Works Director, Village of Lombard

Others Present:

Matthew Streicher	Executive Director, GWA
Thomas Romza	Assistant Director, GWA
Jon Braga	Maintenance Superintendent, GWA
Richard Freeman	Electrical Superintendent, GWA
Ashley Staat	Environmental Resources Coordinator, GWA
Gayle Lendabarker	Administrative Secretary, GWA
Robert Schmieder	Engineering Intern, GWA
Christina Coyle	Finance Director, Village of Glen Ellyn
Jamie Wilkey	Auditor, Lauterbach and Amen

1. Call to Order at 8:05 a.m.
2. Roll Call: President Senak, Trustee Christiansen, Mr. Niehaus, Mr. Franz, and Mr. Goldsmith answered "Present". President Giagnorio, Trustee Bachner and Mr. Buckley, Acting Interim Public Works Director, were excused. Mr. Franz noted the Mr. Buckley will be officially be sworn in Public Works Director at an upcoming Village Board meeting.
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 March 2021 \$1,451,623.91, April 2021 \$409,165.56, and May 2021 \$1,167,597.36 (Trustee Christiansen).

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

- 5.1 Executive Oversight Committee Meeting Minutes
 - o March 11, 2021

EOC Meeting/June 2021
Minutes

- 5.2 Vouchers previously reviewed by Trustee Christiansen
- March 2021
 - April 2021
 - May 2021

5.3 Declaration of Surplus Equipment and Authorization for Sale

At the March 11, 2021 Executive Oversight Committee meeting, the EOC approved the purchase of a new forklift, therefore, the Authority no longer had a use for its oldest forklift and with the same request for the new purchase, a request to declare it's oldest forklift as surplus for the purposes of public auction. EOC members raised concern that the method of requesting approval to declare obsolete equipment as surplus for the purposes of public auction did not fulfill the Authorities legal requirements under municipal law.

Following the March EOC meeting, the Authority inquired further with its legal representation. Since all Authority equipment is titled to the Authority itself, and not the Village of Glen Ellyn, a different method was needed rather than what is used for Village owned equipment. The Authorities legal representation recommended passing an ordinance or resolution to officially declare the equipment as surplus for the purposes of public auction. Since the Authority cannot legally pass ordinances, the Authority's attorney drafted a resolution for the EOC to approve.

Enclosed with this memo is the formal resolution for approval. The Authority respectfully requests that the EOC motion to approve Resolution No. 2021-001, a resolution authorizing the sale of equipment – Forklift Unit 612.

5.4 Approval to purchase CHP Media

Prior to digester gas being used in the CHP's, the gas needs to be "scrubbed" in order to remove siloxanes and hydrogen sulfide, in order to help preserve the life of the engines. Although the life of the media is tracked, due to varying usage and gas conditions, it is difficult to exactly predict when the media will be reaching its useful life. Since there is little expiration notice, and the media has a long shelf life, we prefer to have the media onsite and available to keep the down time of the engines to a minimum. Therefore, staff obtained pricing ahead of schedule so that the purchase can be made, and available for use when needed.

In the 2021 GWA budget, staff allocated \$50,000 for the purchase of this media in budget category Plant Equipment Rehabilitation account 40-580150. Therefore, *we motion the EOC to authorize approval to purchase CHP media from Unison Solutions in the amount of \$22,266.00*

6. Authorize GWA to Enter into 3-year Agreement with USP for Odor Control Solutions

In 2020 GWA began piloting a hydrogen peroxide dosing system to use towards effectively addressing odors. After seeing several years of increased odor complaints from neighbors, while using the system, a record low number of complaints since 2016 came in. Therefore, staff desires to continue using the system, hoping to achieve continued success.

Therefore, due to the professional nature of the services and the lack of other vendors, GWA, with the approval from the TAC, is respectfully requesting to waive the competitive bidding process per the purchasing policy C.1.a *Professional Services* and C.1.e. *Single Source Purchases* and is requesting EOC approval of the USP Technologies proposal of 3-year contract, not-to-exceed amount of \$136,920, at \$4.66 per gallon of peroxide used. This will come out of the budget 270-530440 Chemicals Fund and will be budgeted appropriately for in future years.

Mr. Romza explained that in 2020, GWA did a pilot test where hydrogen peroxide was dosed into to the flow as it entered the plant to see if odors could be noticeably reduced before they are released into the air. Mr. Romza advised that GWA staff feels the process was very successful as indicated by the low number of odor complaints, 17 with 13 being from the same person, and actually received a few compliments from the more vocal neighbors about the lack of odors. Mr. Romza stated that GWA would like to continue using USP for their services; adding that GWA staff did reach out to the short list of engineering firms and other industry professionals and not many of them could refer another vendor that could provide this type of turn-key service like USP is offering.

Mr. Goldsmith indicated that when this was discussed at the TAC, he had expressed concern over the ability for GWA to opt-out at any point during the 3-year contract period; however, after seeing that a cancellation clause is included in the agreement, he has no reservations in approving the contract.

Trustee Christiansen asked if a full refund would be received if the contract was cancelled or if this would be a pay as you go type contract. Mr. Romza advised it is a pay as you go contract.

President Senak asked if the cancellation was without penalty. Mr. Romza advised that no penalties would be accessed as long as proper cancellation notice was given by GWA.

Mr. Streicher highlighted that the contract amount is a “not to exceed” amount over the course of the three years and the turn-key services are included in the per gallon cost of \$4.66 per gallon.

Mr. Niehaus added that with the addition of an opt-out clause he is more comfortable going this route and stated the he feels it is a necessary service especially in the eyes of the public.

Mr. Niehaus made the motion and Mr. Franz seconded the approval of the proposed 3-year contract, not-to-exceed amount a contract, with waiver of bid, with USP Technologies in the amount of \$136,920, at \$4.66 per gallon of peroxide used. This will come out of the budget 270-53044 Chemicals Fund. President Senak, Trustee Christiansen, Mr. Niehaus, Mr. Franz, and responded “Aye” during a roll vote. The motion carried.

7. Authorize GWA to Approve Computerized Maintenance Management System (CMMS) Upgrade

In August of 2002, the EOC approved the purchase of *Maximo*, a computerized maintenance management system (CMMS). This software identified, categorized and named all the Authority’s assets. While not only organizing assets, Maximo provided a platform for work to be conducted and recorded. Work orders would now drive day to day maintenance. Preventative maintenance (PM) increased equipment reliability and performance while corrective maintenance (CM) is used as a tracking method and a tool in budget planning for future maintenance work.

EOC Meeting/June 2021
Minutes

Fast forward to 2021, GWA has gone through multiple Maximo software updates, changing the look, but not the core capabilities. Over the 19-year span use of the software, these capabilities have become outdated, and now can be seen as limiting staff productivity and efficiency compared to what could be with newer platforms. Through collaboration between departments and investigation, GWA staff identified an upgrade to be necessary to better utilize resources, and formed a selection committee to pursue the selection of a new CMMS based on a professional services approach.

After conducting a survey of CMMS systems used by other wastewater treatment facilities and receiving over 20 responses, staff narrowed the list down to the two systems that fit the Authority's needs the best. Proposals were then requested, with the results below.

CMMS Software	Annual Subscription	Data Migration Fee	Total for 2021
Maximo	7-concurrent users \$47,900	\$73,000	\$120,900
MVP Plant	3-concurrent/10-mobile \$18,000	\$11,165	\$47,065*

*includes training and travel costs

The GWA selection committee recommends the EOC authorize the Authority to approve the purchase of **MVP Plant** and associated professional services from CMMS Data Group of Chicago, IL in the amount of \$47,065.00 as part of Phase III of the Computerized Maintenance Management System Upgrade Project with the amount expensed to Capital budget account number 40-580120. The TAC is an agreement with this recommendation based on a professional services approach.

Mr. Streicher advised that GWA's Maintenance Superintendent, Jon Braga did most of the leg work on this project. Mr. Streicher stated that GWA uses a maintenance management software to assist in maintaining equipment and other items throughout the plant; and while GWA is currently using an old IBM platform called MAXIMO, this program is 20 years old; while it has worked well, there are some deficiencies in the program that are starting to hinder staff's productivity and ability to work efficiently. Mr. Streicher indicated that Mr. Braga has been working on this project for well over a year during which time he did a survey with other wastewater facilities through the IAWA, Illinois Association of Wastewater Agencies, and received 20 responses, then formed a selection committee that included the Electrical Superintendent, Rick Freeman and other GWA staff, to evaluate the various programs and narrow the selection to two (2) options. Mr. Streicher explained that as this is a purchase of a system for professional services, staff did want to simply get quotes and go with the cheapest price and potentially end up with a program that did meet the needs of GWA. Mr. Streicher explained that the decision to go with CMMS's MVP Plant is not solely based on cost, but also on long-term usability, as well as the fact that the company is based in Chicago.

Mr. Franz asked who GWA's uses for IT support and how will this program integrate with GWA current IT system. Mr. Streicher advised that Rick Freeman handles a large majority of GWA's IT work with Concentric, formerly Baxter & Woodman CSI, providing back-up for specialized work that is beyond Rick's abilities, as well as CMMS Group serving as integrator for this particular project.

Mr. Goldsmith asked if the price included costs associated with migrating current data to the new software. Mr. Streicher advised that the costs included migration costs and training; and that going forward, there will be an annual licensing/maintenance contract expense of \$18,000.

President Senak asked why there is such a substantial cost difference between CMMS and Maximo programs. Mr. Streicher explained that the Maximo program offers many features that GWA would not utilize and asked Mr. Braga to add any additional information he had regarding the cost difference. Mr. Braga stated that Maximo had just released their latest version in April and as most of their clients are large manufacturing corporations, who can afford the larger price point up front with the upgrade; and begin decreasing the price over time to make it affordable for smaller entities. Mr. Streicher stated that the Wheaton Sanitary District used MVP Plant when he was employed there and re-enforced that it is tailored more to smaller facilities such as ourselves.

Trustee Christiansen made the motion and Mr. Franz seconded approval of the purchase of MVP Plant and associated professional services from CMMS Data Group of Chicago, IL in the amount of \$47,065.00, as part of Phase III of the Computerized Maintenance Management System Upgrade Project with the amount expensed to Capital Budget account number 440-580120. President Senak, Trustee Christiansen, Mr. Niehaus, Mr. Franz, and Mr. Goldsmith responded “Aye” during a roll vote. The motion carried.

8. Discussion

8.1 Capital Improvement Projects Update

Facility Improvement Project:

Mr. Romza provided the following updates on the project:

- Project is almost complete as there are two bigger things remaining to achieve final completion status: 1) submission of final O&M manuals; and 2) a weeping issue in the basement of the new wet-well that was built, which Boller has been battling on a weekly basis. Mr. Romza did state that over the course of the past few weeks, the amount of weeping seems to be lessening.

Trustee Christiansen asked why weeping is still an issue considering the lack of rain. Mr. Romza stated that due to the fact that this hole is 45 feet deep and the water table is only 6 feet.

Mr. Romza added that Boller did submit a final payment application; however, there are somethings in the pay app that needs further review before GWA will authorize payment, which due to the weeping issue we are not in a hurry to complete.

Mr. Streicher indicated that once the final pay app is paid, the final loan documents with the IEPA can be completed. Trustee Christiansen asked if there was a deadline for closing out the loan app with the IEPA. Mr. Streicher advised that while the IEPA would like it done to calculate our final repayment amount, there is no hard-set deadline; however, GWA has already begun making the loan payments.

Medium Voltage Electric Grid Update:

Mr. Romza provided the following status:

- This is the major project that has the plant torn up throughout the plant. Mr. Romza shared a video via a drone that shows how the work is progressing and added that the drone is enabling GWA to have accurate records for future projects.

- The project is behind schedule by approximately 8 weeks instead of 6 as indicated in presentation, as updated information was just received the previous day. Mr. Romza stated that the contractor has had to dig at a slower pace due to a lack of information on the location of some existing/pre-existing underground structures; additionally, equipment and material lead times are causing delays in the schedule as well. Mr. Romza explained that something as simple as wiring, which normally takes 5 days to arrive, has a 6-8 weeks delay, and as of the previous day, the contractor advised they were told up to 12 weeks before the product arrives.

Mr. Franz asked what the original completion date is. Mr. Romza advised September 24th; and at a meeting on the previous day, Mr. Streicher had recommended to the contractor that they need to make every effort to close out the contract before end of the calendar year. Mr. Romza stated that the new date for substantial completed provided by Broadway is December 14th. Mr. Streicher advised that some of the work cannot be completed when it gets cold out, so there is a push to get as much as the outside work done now versus waiting.

Trustee Christiansen asked if, as a result of the supply and demand issues the project is encountering, are materials costs also going up. Mr. Romza stated that a few subcontractors are submitting change orders for everything little thing they encountered that has caused them inconvenience; and while GWA feels some of the items are justified, some items have been declined, such as a \$63,000 change order for increased PVC pricing. Mr. Streicher stated that as a result of GWA denying the change order, the contractor has now submitted a claim and while the contract language does allow for claims, and both parties can go to mediation to resolve the issue, there is no verbiage allowing for material price escalations and that they are trying to claim it as an "Act of God" because of COVID. Mr. Niehaus stated that a claim based on a COVID claim can lead to never ending claims by other contractors. Mr. Streicher advised that he has referred the matter to GWA's legal counsel just to verify there are no loopholes in the contract that would allow for a claim on grounds of this type and since Broadway's attorney drafted the claim, it was best to have GWA's attorney issue the formal response rejecting the claim. Mr. Streicher advised that once the claim is settled, whether it be accepted, rejected or arbitrated, the matter will be closed and cannot be re-opened.

Mr. Romza highlighted that the \$63,000 increase is for a \$100,000 line item, or a 63% increase. Trustee Christiansen asked if the claim is contributing to the slowing of the work. Mr. Romza stated he hopes that there is no connection between the claim and work slowdown. Mr. Goldsmith highlighted that a \$63,000 claim on a \$4 million project, is not something that is worth slowing down the project over. Mr. Streicher added that the contractor has more to lose by delaying the work.

President Senak as if there were any consequences to the delay, are there any performance clauses in the contract. Mr. Streicher stated that the contractor has not officially submitted an extension of the September 24th completion date yet, but there are provisions for liquidated damages to be accessed in the contract; however, based on experience with Boller on the FIP project, they are extremely difficult to enforce/collect on, so GWA usually negotiates resolutions. Mr. Streicher stated that due the problems encountered in locating the underground utilities which is the fault of neither party and the extreme lead times for materials, he would be in favor of extending the completion date when the formal request is received.

Mr. Streicher advised that on the previous day, there was a meeting with the contractor wherein he advised that GWA is willing to be reasonable and work with them on extending the completion dates, with substantial completion being December 14th and final completion on January 14, 2022 and that he was going to stick with the contract where he must and yet offer some leeway where he can.

Trustee Christiansen asked for clarification on the schedule with regards to the 6-week versus 12-week behind schedule. Mr. Romza stated that when he completed his presentation the 6-week time frame was based on a schedule that was a month old and that the updated schedule was received at a meeting the previous day reflecting a 12-week extension.

President Senak asked there would be any interruption of services to residents. Mr. Romza advised there should be zero impact to the residents.

Biosolids Dewatering Improvement Project (BDIP):

Mr. Romza provided the following status:

- The contractor has been busy with project submittals*
- A delay was encountered with the Village of Glen Ellyn's Planning Department in issuing the building permit so the project can proceed which as of this morning has been resolved. Mr. Streicher advised that the contractor is picking up the building permit, but believes there is an issue that needs Mr. Franz's to address. Mr. Franz asked if this was in regards to the Village's sprinkler requirements and asked Mr. Streicher to update the EOC Committee on the debate that has been taking place as he was interested in getting feedback from the Village of Lombard representatives. Mr. Streicher explained that as the Village of Glen Ellyn does not have a*

lot of industrial businesses, the permit is being issued as a commercial construction/commercial building remodel; however, the project is not a “remodel” but a rehabilitation/replacement of existing equipment, but because of the “remodel code”, the Planning Department wanted to see a hard cost related to various components of the project; and as that amount exceeded a trigger limit, that per local ordinances, requires fire suppression and not just the fire monitoring which GWA already has. Mr. Streicher explained that a fire sprinkler system was not part of the original design and not part of how the project was bid; therefore, it would increase costs on our end and as this is an unoccupied building, with all of the electrical equipment, quite frankly that if it did catch fire and a sprinkler system went off, would cause even more damage than the fire. Mr. Streicher indicated that he had spoken with the building official, who advised that he understood the reason to request waiving of the requirement, but felt the approval power did not lie with him and that it needed to go through the proper channels for Mr. Franz’s review and the issuance of a final decision. Mr. Franz stated that he wanted confirmation that there are no offices in this particular building and is not occupied regularly by staff before making his decision; and will be getting back to Mr. Streicher shortly.

Mr. Niehaus asked if the Village of Glen Ellyn charges other public entities permit fees. Mr. Franz responded that the Village charges itself permit fees for project just for the sake of transparency. Mr. Niehaus stated that the Village of Lombard does the same.

PLC Replacement Project:

Mr. Romza provided the following status:

- This project is replacing 11 PLC panels, program logic controllers, which are vital to the SCADA automation of the plant, located throughout the facility.

- Mr. Freeman has been working with Concentric on the project, with 10 of the 11 controllers having been replaced. Mr. Romza highlighted that the one remaining controller is the largest and most complicated one to replace as it involves shutdowns of various pieces of equipment; and anticipates the project being completed within the next few weeks.

RE Hours:

Mr. Streicher highlighted the RE hours tracking and stated that Mr. Romza’s time is highly valued as he does much more than just providing engineering support and handles a substantial amount of administrative work, making his time invaluable.

Mr. Romza highlighted the amount of RE hours spent on the Electrical project and hopes that his time on this project will begin to decrease.

Mr. Streicher and Mr. Romza added that the amount of RE hours includes time spent by GWA's Superintendents who also provide engineering oversight on the various projects.

8.2 Electricity Procurement Update

After being approved to seek procurement of a new electric supply contract at the March 11, 2021 EOC meeting, on April 15, 2021 the Authority locked in a new fixed rate of \$0.03958/kWh for four years beginning in February 2022 with Direct Energy. The new rate will yield a savings over the existing \$0.04436/kWh rate that has been in place since February 2018, which is also with Direct Energy.

Mr. Streicher provided an update highlighting that since the March EOC Committee meeting, he was able to secure an all-inclusive per kWh pricing for four (4) years that would result in cost savings starting in April 2022. Mr. Streicher added that while the three (3) year rates were slightly lower, GWA felt that locking in a four (4) rate was a better option as the industry forecasting was projecting costs to begin to rise after three years as a result of "green" initiatives that would drive cost increases over the 3 year span..

8.3 Flow Split Memo

The enclosed memo describes revelations and research done on the existing flow split equation and monitoring. The Authority and TAC plan to relocate the Hill Avenue meter, begin including CSO flow into flow split equation, and not provide any retroactive adjustments moving forward. This has been discussed with the Finance Directors and all agree on moving forward providing the EOC has no opposition.

Mr. Romza summarized that he and Mr. Streicher had begun to notice a shift in the flow splits between the Villages and as they dug deeper into the cause, they found a few things of note with the consultants that handle the flow monitoring and had to correct some of the data issues, such as data gaps that were not being filled in with historical information. Mr. Romza stated that the review also revealed that one of the flow meters is not measuring the flow that staff thought it was as the meter is in the wrong location; and has been for as far back as there is data that they could find; and the flow split equation was not including the any flow that goes through the CSO facility in the equation.

Mr. Romza explained that after the equations were adjusted and re-calculations computed, there was very little difference between the original number and the new calculations; however, as a result of the findings, there are a few recommendations that Mr. Streicher and Mr. Romza feel should be implemented.

Mr. Niehaus advised that when he first heard about the matter, he was more than a little concerned that there would be a need for a substantial true-up, but was relieved when it was revealed that the numbers were not as far off anticipated. Mr. Franz asked if part of the reason for the almost neutral impact, was that that the CSO plant did not run often enough to have a substantial impact on the flow. Mr.

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Romza agreed and advised that he was able to back-calculate the flow for the meter that was in the wrong place and that calculation cancelled out the impact of the CSO flow. Mr. Romza advised that after discussions with the Finance Directors from both Villages, the decisions were made to begin including the CSO flow in the monthly flow calculations going forward, move the incorrectly positioned meter to the correct location, not back charge any differences and when the flow metering contract comes up for renewal, do an evaluation and determine if any changes to meters locations and/or the number of meters needs to be adjusted as there could be a potential to eliminate some redundant meters.

Mr. Niehaus asked Mr. Goldsmith when any noticeable reduction in Lombard flow might be seen based on their efforts to fix manholes. Mr. Goldsmith advised most likely in another 2 years as they are in the third (3rd) year of a five (5) year project.

Mr. Streicher stated that while working on the 2022 budget, the Village of Glen Ellyn's share of the flow split has increased by a few fractions of a percent.

Mr. Niehaus advised the Village of Lombard is working on reducing the amount of inflow and infiltration in an effort to lower their percentage of the flow but knows it will take a few more years for anything substantial to be reflected, which will impact the flow splits for calculating capital contributions, and such.

Mr. Romza added that the Hydraulic modeling study that was done will hopefully provide some additional insight on flow recommendations. Mr. Romza advised that a draft of the report was reviewed and RJN is working on making corrections so it can be shared with the both Villages.

Mr. Niehaus commended GWA staff for the time and effort they put into investigating the impact these issues had on both the historical and future flow billing.

Trustee Christiansen asked how costly it was going to be to relocate the Hill Avenue flow meter. Mr. Romza advised the costs were approximately \$5,700 as some of the work was completed by GWA staff, while the actual moving of the meter is RJN's responsibility since they own the flow meters, which will require an amendment to their contract.

Mr. Franz indicated that this is the second time in ten (10) years that there has been an issue with meters and asked what can be done going forward to prevent another situation. Mr. Streicher indicated that at the end of RJN's current contract, GWA staff will be doing an audit to evaluate the placement of the meters and determine if there are other meters currently in use that are providing some of the same data.

President Senak asked if any action was needed from the EOC Committee so GWA can proceed. Mr. Streicher advised that the TAC Committee had already approved the actions to be taken, but had recommended the information be shared with the EOC Committee. Mr. Romza added that Mr. Franz's approval on the contract amendment for RJN will be necessary, but otherwise no other action is needed.

8.4 Property Acquisition Discussion

The property owner of 21W534 Bemis Road in Glen Ellyn approached the Authority to gauge its interest in purchasing the property. This subject was discussed at the most recent TAC meeting, with the recommendation being given to seek guidance from the EOC prior to moving forward with any further steps.

Mr. Streicher advised that the property owner approached GWA inquiring if we would be interested in purchasing his property, which is adjacent to the vacant corner lot across from GWA's Admin building, which GWA purchased in 2016. Mr. Streicher added that the 2016 purchase, as well as the purchase of the Sunnybrook property purchased in 2019, were purchased in an effort to provide GWA with space for the future when the IEPA mandates all facilities start to require nutrient removal, which could require moving the plant away from a purity oxygen system currently in use, and while GWA is pushing to use the current system as long as we can, at some point it is going to need replacement regardless of whether or not we are required to begin removing nutrients.. Mr. Streicher outlined that the goal was developed to acquire key parcels of property around/near the plant that would allow for the building of a new parallel process while leaving the existing system 100% operational. Mr. Streicher mentioned that by having vacant property land for building any new construction in this manner, would result is costs savings on a future project versus trying to build new on an existing footprint and keep the plant operating; additionally, this provides green field for construction, which is considerably cheaper due to the lack of underground conflicts. Mr. Streicher reminded that Committee that GWA has existed in this location in some manner since the 1920's, so any digging can become costly since most older facilities are abandoned underground in place.

Mr. Streicher stated that in the past, Mr. Franz has brought up the fact that GWA is building closer to its neighbors and it is a concern, which is why he has reserved one prospective parcel to be used as a buffer between any future construction; and added that the suggestion that the current Admin Building could be built on one of the acquired parcels, which would be less intrusive than building part of the plant operations near a residence. Mr. Streicher said that while building closer to the residents is not ideal; however, anyone purchasing a house near the plant should be cognizant of the fact that they are living next to a wastewater treatment plant.

Mr. Niehaus asked Mr. Streicher to clarify that the neighbor approached GWA about purchasing his property. Mr. Streicher confirmed that the neighbor had approached him, which why he then brought the matter to the TAC Committee who recommended feedback from the EOC Committee before taking any steps on the matter. Mr. Streicher outlined three (3) options: 1) obtain an appraisal and begin negotiations with the property owner; 2) table until a later date and see if his interest in selling wanes, especially since property values are high right now; or 3) abandon property acquisitions altogether and deal with it in 2030 or 2035 whenever the IEPA mandates GWA to perform nutrient removal.

President Senak recommended proceeding with getting a property appraisal done so everyone has an idea of the potential cost. Mr. Goldsmith asked if the property owner was actively marketing the home for sale. Mr. Streicher advised that he is not. President Senak asked what is the seller's motivation in approaching GWA. Mr. Streicher explained that he had mentioned losing his job and wanted to sell then rent back for twelve months. Mr. Streicher stated that he has no interest in being a landlord, not to mention that the property loses its tax exemption status if he is paying a monthly rent. Mr. Streicher suggested that maybe he will lose interest in selling if the lease option does not exist. Mr. Goldsmith suggested determining the property's value and reducing the purchase price by an amount equal to twelve (12) months of rent. Mr. Niehaus stated he would prefer this approach rather than having someone buy the property, begin building equity in it and then lose it when/if the property has to be taken by eminent domain so the plant can build on the property.

Mr. Niehaus gave Mr. Streicher permission to proceed with getting an appraisal on the property before any further decisions are made. Mr. Streicher stated that was the direction he was seeking.

Mr. Franz advised that at some point in the future the Village of Glen Ellyn plans to re-construct Bemis Road, put some sidewalks in, do some stormwater management and "fix" the corner but he is not sure exactly what the plan might entail and/or how the plans will impact plans for GWA's use.

Mr. Goldsmith asked Mr. Streicher if the piece of property, which is marked as "buffer" can be subdivided by the Village of Glen Ellyn. Mr. Streicher stated that while it is an 3-1/2-acre piece of property, it is very narrow, making sub-dividing a challenge for access. Mr. Goldsmith indicated that he feels acquiring this piece of property is a priority to prevent a contractor from trying to buy so GWA can control the buffer. Mr. Streicher indicated that at one point in time, the owner did approach GWA about acquiring the property, but GWA declined. Mr. Franz asked if the house was in bad shape. Mr. Streicher advised that the people currently living on the property have recently improved upon it. Mr. Goldsmith mentioned that the owners of the million-dollar homes to the north of the lot, will not be happy if GWA uses the property to for plant expansion.

Trustee Christiansen asked if getting an appraisal at this point in time, when the market values are high, is going to create an issue if we holdoff on the purchase, as a second appraisal would most likely be needed at that time, especially if the market cools off. Mr. Franz suggested the appraiser be asked to factor in a range rather than an exact number. Mr. Streicher indicated that in the past the appraiser has supplied a range for the value. Trustee Christiansen stated she did not want GWA to get locked in to a price that was too high. President Senak stated that this would be a confidential information that would not be shared with the public, but feels a range is good idea.

9. Other Business
- 9.1 Technical Advisory Committee Updates

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Mr. Niehaus stated that the TAC Committee is only a few years old but feels it has proven beneficial in evaluating and recommending action on various items.

10. ***Next EOC Meeting*** – The next regularly scheduled EOC Meeting is set for ***Thursday, July 8, 2021 at 8:00 a.m. location TBD.***

Mr. Franz stated that he will not be available for the July 8th meeting.

Mr. Niehaus made the motion to adjourn the June 10, 2021 EOC Committee and Trustee Christiansen seconded the MOTION. President Senak, Trustee Christiansen, Mr. Niehaus, Mr. Franz, and Mr. Goldsmith responded “Aye” during a roll call. The motion carried. The meeting adjourned at 8:44 a.m.

Submitted by:

Gayle A. Lendabarker
GWA Administrative Secretary

SECTION 5.1

VOUCHER REPORT

JUNE 2021

GLENBARD WASTEWATER AUTHORITY
APPROVAL OF VOUCHERS
For the meeting in July 2021

EXPENDITURES:	Check Date	Paid Amount	
Accounts Payable Warrant 0621-1		\$ 579,206.31	
Accounts Payable Warrant 0621-2		\$ 185,363.63	
		<u>\$ 764,569.94</u>	Warrant Total \$ 764,569.94

PAYROLL EXPENDITURES:	June 4, 2021	June 18, 2021	July 2, 2021	
Net Employee Payroll Checks	<u>\$ 38,590.00</u>	<u>\$ 38,737.60</u>	<u>\$ 39,540.52</u>	
<u>Employee & Employer Payroll Deductions:</u>				
Employee Deductions*	\$ 19,934.04	\$ 20,090.82	\$ 20,336.01	
IMRF - Employer contribution	\$ 4,788.54	\$ 4,793.38	\$ 4,861.06	
Social Security/Medicare Tax Withheld - Employer portion	\$ 4,247.00	\$ 4,285.60	\$ 4,354.22	
Total Payroll	<u>\$ 67,559.58</u>	<u>\$ 67,907.40</u>	<u>\$ 69,091.81</u>	\$ 204,558.79
GRAND TOTAL				<u>\$ 969,128.73</u>

VENDOR INVOICE LIST

DOCUMENT	P.O.	INV DATE	VOUCHER	WARRANT	CHECK #	INVOICE NET	DUE DATE	TYPE	STS	INVOICE DESCRIPTION
1234 NISSEN ENERGY INC										
23793	20210008	06/07/2021		0621-1	2990	28,426.78	06/15/2021	DIR	PD	CONSUMABLE PARTS FOR 2 CH
1268 JP MORGAN CHASE NA										
1906925		06/07/2021		0621-2	2991	61.13	06/30/2021	DIR	PD	CSWEA - ANNUAL MEETING
23825		06/07/2021		0621-2	2992	470.00	06/30/2021	DIR	PD	NYSTROM, INC - SAFETY NET
23826		06/07/2021		0621-2	2993	657.27	06/30/2021	DIR	PD	POWER WASH STORE
1946729		06/07/2021		0621-2	2994	12.74	06/30/2021	DIR	PD	ZOOM- MONTHLY VIRTUAL MEE
1946814		06/07/2021		0621-2	2995	1,700.00	06/30/2021	DIR	PD	ALL PURPOSE CRANE TRAININ
1946534		06/07/2021		0621-2	2996	20.00	06/30/2021	DIR	PD	CSWEA.ORG - DZIEWIOR SEMI
23827		06/07/2021		0621-2	2997	20.00	06/30/2021	DIR	PD	CSWEA.ORG - DZIEWIOR SEMI
23828		06/07/2021		0621-2	2998	69.41	06/30/2021	DIR	PD	FRANKLIN PLANNER - R. FRE
23829		06/07/2021		0621-2	2999	-97.01	06/30/2021	CRM	PD	SEND THIS FILE - SUBSCRIP
23830		06/07/2021		0621-2	3000	143.41	06/30/2021	DIR	PD	CARHARTT.COM - SIMPSON-JE
23831		06/07/2021		0621-2	3001	302.86	06/30/2021	DIR	PD	BLAINS.COM
23832		06/07/2021		0621-2	3002	30.49	06/30/2021	DIR	PD	BLAINS.COM - JEANS-FREEMA
23833		06/07/2021		0621-2	3003	-8.44	06/30/2021	CRM	PD	CARHARTT.COM - SIMPSON-JE
23834		06/07/2021		0621-2	3004	61.13	06/30/2021	DIR	PD	CSWEA - ANNUAL MEETING -
23835		06/07/2021		0621-2	3005	75.90	06/30/2021	DIR	PD	MICHAELS STORES - CUSTOM
23836		06/07/2021		0621-2	3006	127.96	06/30/2021	DIR	PD	JEWEL - SUPPLIES FOR STAF
23837		06/07/2021		0621-2	3007	10.99	06/30/2021	DIR	PD	JEWEL - SUPPLIES FOR STAF
23838		06/07/2021		0621-2	3008	89.00	06/30/2021	DIR	PD	AT&T - BACKUP INTERNET SV
23839		06/07/2021		0621-2	3009	89.00	06/30/2021	DIR	PD	AT&T - BACKUP INTERNET SV
23840		06/07/2021		0621-2	3010	50.00	06/30/2021	DIR	PD	ROSEMARY & JEANS - TRUSTE
23841		06/07/2021		0621-2	3011	34.00	06/30/2021	DIR	PD	TAYST.COM - COFFEE
1946631		06/07/2021		0621-2	3012	-6.56	06/30/2021	CRM	PD	NORTON - SALES TAX REFUND
23863		06/07/2021		0621-2	3013	741.20	06/30/2021	DIR	PD	ALLFUSES.COM - OEM SPARE
293 VILLAGE OF GLEN ELLYN										

VENDOR INVOICE LIST

DOCUMENT	P.O.	INV DATE	VOUCHER	WARRANT	CHECK #	INVOICE NET DUE DATE	TYPE	STS	INVOICE DESCRIPTION
1013190		06/17/2021		0621-2	3014	14,184.67 06/30/2021	DIR	PD	MONTHLY IFT TRANSFER JUNE
1136 ADVANCE STORES COMPANY, INCORPORATED									
23747		06/02/2021		0621-1	959995	21.98 06/15/2021	INV	PD	#1872150873-OPERATIONS SU
881 AIRGAS, INC									
23748		05/22/2021		0621-1	959996	5,328.97 06/15/2021	INV	PD	#2024961-LIQUID OXYGEN -
23749		05/29/2021		0621-1	959996	7,560.79 06/15/2021	INV	PD	#2024961-LIQUID OXYGEN-MA
23744		06/05/2021		0621-1	959996	5,426.53 06/15/2021	INV	PD	#2024961- LIQUID OXYGEN -
23745		06/12/2021		0621-1	959996	4,839.70 06/15/2021	INV	PD	#2024961-LIQUID OXYGEN JU
						23,155.99			
859 ANALYTICAL SOLUTION, INC									
23746		05/31/2021		0621-1	959997	620.00 06/15/2021	INV	PD	METHANE GAS TESTING SVCS
1339 ARBORWEAR, LLC									
23750		06/01/2021		0621-1	959998	544.40 06/15/2021	INV	PD	UNIFORM SHIRTS - JUN 2021
1088 BANNER PERSONNEL SERVICE, INC.									
23751		05/22/2021		0621-1	959999	185.76 06/15/2021	INV	PD	#77006-TEMP SERVICES - MA
768 CINTAS FIRST AID & SAFETY									
23757		05/28/2021		0621-1	960000	288.65 06/15/2021	INV	PD	#10127979-FIRST AID MONTH
1218 COLLEY ELEVATOR CO.									
23758		06/01/2021		0621-1	960001	206.00 06/15/2021	INV	PD	ELEVATOR INSPECT SVC - JU
50 COMMONWEALTH EDISON COMPANY									
23823		06/10/2021		0621-1	960002	18.01 06/15/2021	INV	PD	#6243526021-ELECTRIC SVC
994 DIRECT ENERGY MARKETING, INC.									
23761		05/24/2021		0621-1	960003	35,490.25 06/15/2021	INV	PD	#1152328-ELECTRICAL USAGE
659 DUPAGE RIVER/SALT CREEK WORKGROUP									
23762		06/01/2021		0621-1	960004	314,613.00 06/15/2021	INV	PD	ANNUAL AGENCY & CAPITAL P
78 DUPAGE SECURITY SOLUTIONS, INC.									
23763		06/07/2021		0621-1	960005	171.14 06/15/2021	INV	PD	DOOR LOCK & KEYS - JUN 20
293 VILLAGE OF GLEN ELLYN									
23813		06/01/2021		0621-1	960006	2,083.31 06/15/2021	INV	PD	#610130-WATER SVC - APRIL
23814		06/01/2021		0621-1	960006	169.86 06/15/2021	INV	PD	#432720-WATER/INSPECTION

VENDOR INVOICE LIST

DOCUMENT	P.O.	INV DATE	VOUCHER	WARRANT	CHECK #	INVOICE NET DUE DATE	TYPE	STS	INVOICE DESCRIPTION
						2,253.17			
297 W.W. GRAINGER, INC.									
23767		06/08/2021		0621-1	960007	18.70 06/15/2021	INV	PD	#801764762-MAINT SUPPLIES
23768		06/08/2021		0621-1	960007	238.17 06/15/2021	INV	PD	#801764762-MAINT SUPPLIES
23769		06/09/2021		0621-1	960007	69.25 06/15/2021	INV	PD	#801764762-MAINT TOOLS -
23770		06/09/2021		0621-1	960007	530.21 06/15/2021	INV	PD	#801764762-OPERATIONS SUP
						856.33			
743 GROOT, INC									
23771		06/01/2021		0621-1	960008	428.51 06/15/2021	INV	PD	#310769434001-REFUSE SVC
1340 HAUSER IZZO PETRARCA, GLEASON & STILLMAN LLC									
23774		06/08/2021		0621-1	960009	1,150.00 06/15/2021	INV	PD	#G2700-LEGAL SVCS - MAY 2
985 HOLSTEINS GARAGE									
23775		05/31/2021		0621-1	960010	40.00 06/15/2021	INV	PD	SAFETY LANE INSPECT #644-
124 HOME DEPOT USA, INC									
23778		05/21/2021		0621-1	960011	133.89 06/15/2021	INV	PD	#7114-MAINT SUPPLIES - MA
23779		06/10/2021		0621-1	960011	17.94 06/15/2021	INV	PD	#7114-MAINT SUPPLIES -JUN
23780		06/10/2021		0621-1	960011	15.81 06/15/2021	INV	PD	#7114-MAINT SUPPLIES - JU
23776		04/27/2021		0621-1	960011	54.11 06/15/2021	INV	PD	#7114-MAINT SUPPLIES - AP
23777		05/13/2021		0621-1	960011	13.00 06/15/2021	INV	PD	#7114-MIANT SUPPLIES - MA
						234.75			
1147 ILLINOIS AMERICAN WATER COMPANY									
23782		05/25/2021		0621-1	960012	136.21 06/15/2021	INV	PD	#1025220008432566-WATER S
185 KONICA MINOLTA BUSINESS SOLUTIONS INC									
23783		05/25/2021		0621-1	960013	57.66 06/15/2021	INV	PD	#146316-COPIER USAGE MAY
1333 LOGSDON STATIONERS, INC									
23784		06/03/2021		0621-1	960014	56.70 06/15/2021	INV	PD	#135872-01-OFFICE SUPPLIE
295 VILLAGE OF LOMBARD									
23815		06/01/2021		0621-1	960015	14.95 06/15/2021	INV	PD	#31774-001 WATER SVC- APR
23816		06/01/2021		0621-1	960015	23.93 06/15/2021	INV	PD	#30042-001-CSO WATER SVC
						38.88			
676 MC CANN INDUSTRIES, INC.									
23785		06/02/2021		0621-1	960016	97.20 06/15/2021	INV	PD	#GLENB002-MAINT SUPPLIES
23786		06/03/2021		0621-1	960016	-92.25 06/03/2021	CRM	PD	#GLENB002-RETURNED EXCESS

VENDOR INVOICE LIST

DOCUMENT	P.O.	INV DATE	VOUCHER	WARRANT	CHECK #	INVOICE	NET DUE DATE	TYPE	STS	INVOICE DESCRIPTION
171 MCMASTER-CARR SUPPLY CO.						4.95				
23787		05/27/2021		0621-1	960017	53.86	06/03/2021	INV	PD	#7735700-MAINT SUPPLIES -
23789		05/28/2021		0621-1	960017	80.30	06/03/2021	INV	PD	#7735700-MAINT SUPPLIES -
23788		06/01/2021		0621-1	960017	3.92	06/03/2021	INV	PD	#7735700-MAINT PARTS - JU
						138.08				
1223 CAPITAL ONE NATIONAL ASSN										
23790		05/27/2021		0621-1	960018	20.97	06/03/2021	INV	PD	#535690-MAINT SUPPLIES -
183 MIELE, INC.										
23791		05/29/2021		0621-1	960019	403.40	06/03/2021	INV	PD	#1005524876-LAB WASHER RE
206 NORTHERN ILLINOIS GAS COMPANY										
23792		06/08/2021		0621-1	960020	43.17	06/15/2021	INV	PD	#95412930760-NATURAL GAS
209 NCL OF WISCONSIN INC										
23794		06/04/2021		0621-1	960021	404.32	06/15/2021	INV	PD	#17348-LAB SUPPLIES - JUN
224 POLYDYNE INC										
23795		05/21/2021		0621-1	960022	5,198.00	06/15/2021	INV	PD	#103379-OPERATIONS CHEMIC
226 PORTER PIPE AND SUPPLY CO										
23796		05/27/2021		0621-1	960023	106.80	06/15/2021	INV	PD	#1823-MAINT SUPPLIES - MA
23797		06/08/2021		0621-1	960023	319.73	06/15/2021	INV	PD	#1823-MAINT SUPPLIES - JU
23798		06/10/2021		0621-1	960023	234.68	06/15/2021	INV	PD	#1823-MAINT SUPPLIES - JU
23799		06/11/2021		0621-1	960023	21.27	06/15/2021	INV	PD	#1823-MAINT SUPPLIES - JU
						682.48				
952 PROGRAM ONE PROFESSIONAL BUILDING SERVICES INC.										
23800		05/27/2021		0621-1	960024	232.00	06/15/2021	INV	PD	#8280-223488-QRTRLY WINDO
412 NESTLE WATERS NORTH AMERICA										
23801		06/08/2021		0621-1	960025	151.84	06/15/2021	INV	PD	#8100616302-BOTTLED WATER
738 SUBURBAN LABORATORIES, INC.										
23803		05/28/2021		0621-1	960026	1,875.00	06/15/2021	INV	PD	LAB SERVICES - APR 2021
23804		05/31/2021		0621-1	960026	741.00	06/15/2021	INV	PD	OVERTON/EM LAB SVCS - MAY
23805		06/04/2021		0621-1	960026	650.00	06/15/2021	INV	PD	LAB SVCS -MAY 2021
						3,266.00				
1271 SYNAGRO-WWT										
23806		05/31/2021		0621-1	960027	19,891.20	06/15/2021	INV	PD	#3430-SLUDGE HAULING - MA

VENDOR INVOICE LIST

DOCUMENT	P.O.	INV DATE	VOUCHER	WARRANT	CHECK #	INVOICE NET	DUE DATE	TYPE	STS	INVOICE DESCRIPTION
271 TERRACE SUPPLY COMPANY										
23807		05/31/2021		0621-1	960028	65.10	06/15/2021	INV	PD	#315850-WELDING GAS CYLIN
477 UNITED PARCEL SERVICE, INC										
23809		06/05/2021		0621-1	960029	4.63	06/15/2021	INV	PD	#9YF103-SHIPPING SVCS - M
289 HD SUPPLY FACILITIES MAINT LTD										
23810		05/19/2021		0621-1	960030	163.11	06/15/2021	INV	PD	#222656-LAB SUPPLIES - MA
1344 VEGA BUILDING MAINTENANCE & SUPPLIES INC										
23811	20210003	06/01/2021		0621-1	960031	1,148.00	06/15/2021	INV	PD	YEAR ONE JANITORIAL SERVI
491 VWR INTERNATIONAL, INC.										
23817		06/01/2021		0621-1	960032	379.89	06/15/2021	INV	PD	#80020526-LAB SUPPLIES -
630 WATER PRODUCTS OF AURORA										
23824		06/03/2021		0621-1	960033	270.00	06/15/2021	INV	PD	#203278-MAINT PARTS - JUN
1350 BROADWAY ELECTRIC, INC.										
23752	20200016	03/31/2021		0621-1	960034	137,745.00	06/15/2021	INV	PD	ELECTRICAL POWER DISTRIBU
881 AIRGAS, INC										
23743	20210005	05/31/2021		0621-2	960035	1,500.00	06/15/2021	INV	PD	YEAR 5 OF VAPORIZER LEASI
23867		06/19/2021		0621-2	960035	6,652.07	06/30/2021	INV	PD	#2024961-LIQUID OXYGEN -
23891		06/26/2021		0621-2	960035	6,190.89	06/30/2021	INV	PD	#2024961-LIQUID OXYGEN -
23742		06/05/2021		0621-2	960035	76.62	06/15/2021	INV	PD	#2024961-CALIBRATION GAS
						14,419.58				
1294 ASHLEY STAAT										
23864		06/16/2021		0621-2	960036	1,048.83	06/30/2021	INV	PD	TUITION ASSISTANCE - A. S
24 BERLAND'S INC										
23842		06/17/2021		0621-2	960037	19.99	06/30/2021	INV	PD	#733-MAINT TOOL -JUN 2021
637 BTU COMPANY, INC.										
23753		05/28/2021		0621-2	960038	8,380.00	06/15/2021	INV	PD	REPLACEMENT FAN - MAY 202
33 CALCO, LTD.										
23868		06/16/2021		0621-2	960039	173.00	06/30/2021	INV	PD	#8061-LAB CHEMCIALS - JUN
819 UNITED COMMUNICATIONS										

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DOCUMENT	P.O.	INV DATE	VOUCHER	WARRANT	CHECK #	INVOICE NET DUE DATE	TYPE	STS	INVOICE DESCRIPTION
23754		06/14/2021		0621-2	960040	1,128.36 06/15/2021	INV	PD	#1209792-PHONE SVC - JUN/
	1349		CAROLLO ENGINEERS, INC						
23843		06/09/2021		0621-2	960041	964.00 06/30/2021	INV	PD	#11983A00-UV SYSTEM STUDY
	37		CDW GOVERNMENT, INC.						
23756		06/04/2021		0621-2	960042	109.76 06/15/2021	INV	PD	#4019735-COMPUTER MOUSE -
23755		06/03/2021		0621-2	960042	121.22 06/15/2021	INV	PD	#4019735-COMPUTER KEYBOAR
	47		CINTAS CORPORATION #769			230.98			
23844		06/14/2021		0621-2	960043	169.90 06/30/2021	INV	PD	#14944758-MAINT SHOP TOWE
	768		CINTAS FIRST AID & SAFETY						
23892		06/25/2021		0621-2	960044	375.44 06/30/2021	INV	PD	#10127979-FIRST AID SUPPL
	1248		CONCENTRIC INTEGRATION						
23760		04/22/2021		0621-2	960045	171.00 06/15/2021	INV	PD	#202166.00-IT SUPPORT - A
	1194		THE CONSERVATION FOUNDATION						
23869		06/15/2021		0621-2	960046	250.00 06/30/2021	INV	PD	ANNUAL DUES 2021-2022
	1138		CONSTELLATION ENERGY SERVICES INC						
23845		06/17/2021		0621-2	960047	4,821.96 06/30/2021	INV	PD	#BG-11933-NATURAL GAS USA
23870		06/22/2021		0621-2	960047	3,181.65 06/30/2021	INV	PD	#BG-11933-NATURAL GAS USA
	62		PADDOCK PUBLICATIONS, INC			8,003.61			
23871		06/13/2021		0621-2	960048	144.90 06/30/2021	INV	PD	LEGAL NOTICE-ROOFING PROJ
23890		06/20/2021		0621-2	960048	48.30 06/30/2021	INV	PD	#112117-PUBLIC NOTICE - J
	994		DIRECT ENERGY MARKETING, INC.			193.20			
23846		06/16/2021		0621-2	960049	31,826.48 06/30/2021	INV	PD	#1152328-ELECTRIC USAGE M
	74		DREISILKER ELECTRIC MOTORS INC						
23887		06/25/2021		0621-2	960050	675.42 06/30/2021	INV	PD	#294445-ELECTRICAL PARTS
	86		EESCO, A DIVISION OF WESCO DISTRIBUTION INC						
23821		06/03/2021		0621-2	960051	88.16 06/15/2021	INV	PD	#81393-01-ELECTRICAL SUPP
23822		06/03/2021		0621-2	960051	133.53 06/15/2021	INV	PD	#81393-01-ELECTTRICAL SUP
23886		06/17/2021		0621-2	960051	680.40 06/30/2021	INV	PD	#81393-01-ELECTRICAL SUPP

VENDOR INVOICE LIST

DOCUMENT	P.O.	INV DATE	VOUCHER	WARRANT	CHECK #	INVOICE	NET DUE DATE	TYPE	STS	INVOICE DESCRIPTION
						902.09				
107 GASVODA & ASSOCIATES, INC.										
23764		06/03/2021		0621-2	960052	825.00	06/15/2021	INV	PD	#GLENBARD1-PARTS - JUN 20
1348 GLEN ELLYN POLICE DEPARTMENT										
23862		06/09/2021		0621-2	960053	50.00	06/30/2021	INV	PD	#9289-FALSE BURGLAR ALARM
297 W.W. GRAINGER, INC.										
23765		05/26/2021		0621-2	960054	35.67	06/15/2021	INV	PD	#801764762-ELECTRICAL SUP
23847		06/11/2021		0621-2	960054	22.47	06/30/2021	INV	PD	#801764762-HEAT SAFETY CO
23848		06/16/2021		0621-2	960054	138.30	06/30/2021	INV	PD	#801764762-RESPIRATOR FAC
23873		06/22/2021		0621-2	960054	223.48	06/30/2021	INV	PD	#801764762-ELECTRICAL PAR
23894		06/25/2021		0621-2	960054	158.40	06/30/2021	INV	PD	#801764762-JANITORIAL SUP
						578.32				
119 HACH COMPANY										
23772		05/28/2021		0621-2	960055	315.90	06/15/2021	INV	PD	#71607-ANALYZER SOLUTIONS
1166 IDEA MARKETING GROUP, INC										
23781		06/01/2021		0621-2	960056	95.00	06/15/2021	INV	PD	WEB SITE HOSTING FEE - JU
1353 INDEPENDENT MECHANICAL INDUSTRIES, INC.										
23849	20210009	05/31/2021		0621-2	960057	67,612.50	06/30/2021	INV	PD	BIOSOLIDS DEWATERING IMPR
185 KONICA MINOLTA BUSINESS SOLUTIONS INC										
23850		07/25/2020		0621-2	960058	86.38	06/30/2021	INV	PD	#146316-MAY/JUN 2020
666 LABSOURCE, INC.										
23889		06/17/2021		0621-2	960059	938.76	06/30/2021	INV	PD	#1001941041-PPE GLOVES-JU
157 LEN'S ACE HARDWARE, INC.										
23852		06/08/2021		0621-2	960060	7.98	06/30/2021	INV	PD	#331050-OPERATIONS SUPPLI
23853		06/09/2021		0621-2	960060	6.41	06/30/2021	INV	PD	#331050-MAINT SUPPLIES -
23854		06/15/2021		0621-2	960060	31.71	06/30/2021	INV	PD	#331050-OPERATIONS SUPPLI
23874		06/21/2021		0621-2	960060	51.16	06/30/2021	INV	PD	#331050-OPERATIONS SUPPLI
23875		06/23/2021		0621-2	960060	6.38	06/30/2021	INV	PD	#331050-OPERATIONS SUPPLI
						103.64				
171 MCMASTER-CARR SUPPLY CO.										
23855		06/10/2021		0621-2	960061	131.79	06/30/2021	INV	PD	#7735700-MAINT SUPPLIES -
23856		06/11/2021		0621-2	960061	67.05	06/30/2021	INV	PD	#7735700-MAINT SUPPLIES -
23876		06/15/2021		0621-2	960061	21.04	06/30/2021	INV	PD	#7735700-MAINT SUPPLIES -
23888		06/22/2021		0621-2	960061	198.55	06/30/2021	INV	PD	#7735700-MAINT REPLACEME

VENDOR INVOICE LIST

DOCUMENT	P.O.	INV DATE	VOUCHER	WARRANT	CHECK #	INVOICE NET DUE DATE	TYPE	STS	INVOICE DESCRIPTION
						418.43			
	1223	CAPITAL ONE NATIONAL ASSN							
23877		06/09/2021		0621-2	960062	23.59 06/30/2021	INV	PD	#535690-MIANT SUPPLIES -J
	873	THE PITNEY BOWES BANK, INC							
23878		06/06/2021		0621-2	960063	150.00 06/30/2021	INV	PD	#8000909005198416-POSTAGE
	237	RANDALL PRESSURE SYSTEMS, INC.							
23882		06/18/2021		0621-2	960064	60.45 06/30/2021	INV	PD	#334020-OPERATIONS TOOLS
	1070	REVERE ELECTRIC SUPPLY							
23858		06/03/2021		0621-2	960065	544.79 06/30/2021	INV	PD	#105806-ELECTRICAL PARTS
	1212	RJN GROUP, INC							
23802	20210006	06/02/2021		0621-2	960066	9,649.00 06/15/2021	INV	PD	YEAR TWO OF FLOW MONITORI
	1346	SEBERT LANDSCAPING							
23859	20210001	06/01/2021		0621-2	960067	3,299.00 06/30/2021	INV	PD	LANDSCAPE MAINTENANCE SER
	939	STAPLES CONTRACT & COMMERCIAL INC.							
23883		06/15/2021		0621-2	960068	109.96 06/30/2021	INV	PD	#DET1680518-OFFICE SUPPLI
	464	STRAND ASSOCIATES, INC.							
23860	20180005	06/11/2021		0621-2	960069	6,297.43 06/30/2021	INV	PD	ELECTRICAL DESIGN, ENG SV
	738	SUBURBAN LABORATORIES, INC.							
23884		06/21/2021		0621-2	960070	118.00 06/30/2021	INV	PD	LAB - TESTING SVCS - JUN
	1001	TROTTER AND ASSOCIATES, INC.							
23808	20200002	05/31/2021		0621-2	960071	5,597.75 06/15/2021	INV	PD	BIOSOLIDS DEWATERING IMP
	477	UNITED PARCEL SERVICE, INC							
23885		06/19/2021		0621-2	960072	5.69 06/30/2021	INV	PD	#9YF103-SHIPPING SVCS - J
	988	VERIZON WIRELESS SERVICES LLC							
23812		06/01/2021		0621-2	960073	249.60 06/15/2021	INV	PD	#842065533-00001-REMOTE S
23893		06/18/2021		0621-2	960073	463.41 06/30/2021	INV	PD	#687026363-00001-CELL PHO
						713.01			

VENDOR INVOICE LIST

DOCUMENT	P.O.	INV DATE	VOUCHER	WARRANT	CHECK #	INVOICE NET DUE DATE	TYPE	STS	INVOICE DESCRIPTION
144 INVOICES						764,569.94			

** END OF REPORT - Generated by Colette Ameche **

SECTION 5.3

CHP MAINTENANCE CONTRACT APPROVAL

MEMORANDUM

TO: Matt Streicher, Executive Director
Tom Romza, Assistant Executive Director/ Engineer

FROM: Jon Braga, Maintenance Superintendent

DATE: July 15, 2021

RE: CHP 2 12,000 Hour Service



In 2015, GWA purchased 2 CHP generators. These generators are designed to run 24/7. Running at this frequency maintenance milestones have been developed to protect against unexpected (emergency) failures. Each year funds are budgeted for these specific service intervals including level of service and quantity expected. CHP 1 and 2 are quickly approaching the 20,000hrs service. This service is a major milestone in that both engine and generator are overhauled.

Nissen Energy Inc manufactured the CHP's and have supplied parts/service since inception of the CHP generators. A proposal was requested (see attached) by GWA to Nissen for the service and parts to complete the maintenance. This proposal includes two staff members from Nissen. Due to the knowledge of our in-house staff, Nissen agreed to only use two technicians instead of the normal three. Therefore, reducing the cost. GWA will use staff to assist in the process as well.

Due to the proprietary nature of the CHP system, GWA seeks waiving the competitive bidding process. The approved 2016 purchasing policy item *C.1.f.* defines *Standardization purchases*, as "technical in nature of certain items or services may result in the standardization of a particular supplier's specifications being necessary or desirable to Village operations. Competitive bidding may be waived if the Village requires compatibility with existing software, machinery or other existing equipment." Therefore, it is being requested the EOC authorize the Authority to approve Nissen Energy's proposal and provide notice to proceed for the amount of \$151,600.00. Nissen Energy is the manufacturer of the CHP generators and guarantees workmanship of the service provided. Funds will be sourced from budget line item 270-520975. Fund 270-520975 included \$248,000 for two 20,000hrs services. The TAC is in agreement with this approach and proposal

Attachments

NISSEN energy Inc.
875 N. Michigan Ave
suite 3950
60611 IL, Chicago
United States



Delivery address
Glenbard Wastewater Authority
945 Bemis Rd
60137 Glen Ellyn
United States

Offer no. 2410
Customer no. 100119
Offer date 10-05-2021

Our reference: Glenn Rohr Nørgaard
Your reference: Jon Braga

Quotation

Product	Description	Qty.	Unit Total	Price	Amount
	Engine overhaul 20.000 hours MAN E3268 LE212 264E M2				
	Replacement of:				
	- Cylinderliners				
	- Pistonrings				
	- Conrod bearings big end				
	- Cylinderhead				
	- Crankshaft seals				
	- Generator				
	- Generator coupling				
	Not included				
	- New coolant				
	- Sparkplugs				
	- Oil and filters				
	- Lifting gear generator				
	Workhours/transport/allowance	1		24.439,34	24.439,34
	Various consumables	1		2.511,99	2.511,99
	Cylinderliners	1		2.193,15	2.193,15

NISSEN energy Inc.
875 N. Michigan Ave
suite 3950
60611 IL, Chicago
United States



Delivery address
Glenbard Wastewater Authority
945 Bemis Rd
60137 Glen Ellyn
United States

Offer no. 2410
Customer no. 100119
Offer date 10-05-2021

Our reference: Glenn Rohr Nørgaard
Your reference: Jon Braga

Quotation

Product	Description	Qty.	Unit Total	Price	Amount
	Conrod	1		6.723,90	6.723,90
	Cylinder head	1		26.070,48	26.070,48
	Oil separator	1		475,66	475,66
	various seals bolts, etc.	1		1.166,03	1.166,03
	Generator overhaul	1		11.882,14	11.882,14

Expiring date: 26-04-2021
Delivery terms:

USD Sum 75.800,00
(0,00 %) vat
USD total 75.800,00

SECTION 5.4

CY2021 ROOFING CONTRACT APPROVAL

MEMORANDUM

TO: Executive Oversight Committee

FROM: Tom Romza, P.E.
Jon Braga

DATE: July 15, 2021

RE: **Request for Approval**
2021 Buildings E&G 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 2021 is to replace the failing roofs of Buildings E&G, the scum building and hose storage building, respectively. In order to properly protect the significant investments inside the buildings, it is important to move forward with this project. This was discussed at the TAC level and agreed that as long as the bids came in near the budgeted amount, this work should be recommended to be approved and move forward.

In June Authority staff and the roofing consultant, Arcon, developed and sent out a public request for qualifications and proposals for the rehabilitation of the roof of buildings E&G. The bid opening was scheduled for July 1, 2021, at 2:00pm. Seven proposals were received, with Crowther Roofing & Sheet Metal Inc being the low bid. The bids ranged from the low of \$68,000 to the high of \$105,000 (bid tabulation attached).

The Authority has an approved budget for roof rehabilitation in 2021 of \$47,000 out of Fund 40 Capital Improvement Projects. The low bid of \$68,000 is in excess of the budgeted amount, however, the authority is still seeking to approve the Crowther bid for several reasons; it is unknown if costs are going to come down next year if this project is lumped in with the 2022 roofing project, the roofs are in need of significant repair, and we can absorb the extra \$21k into our capital reserve/cash on hand. Arcon, having experience with most of the companies that submitted bids, has provided the attached letter of recommendation for accepting the bid provided by Crowther Roofing & Sheet Metal, Inc.

Therefore, after discussion with the TAC, it is recommended the EOC authorize the Authority to award Crowther Roofing & Sheet Metal, Inc. the 2021 Building E&G Roof Rehabilitation

project in the amount not to exceed **\$68,000**. If approved, this amount will be taken out of the CY2021 Approved Budget, Fund 40 580180 Capital Improvements Projects.



July 6, 2021

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

RE: **Letter of Recommendation
Roof Replacement at Building E and G
Project No. 20033**

Dear Mr. Romza:

On Thursday, July 1, 2021, seven (7) bids were opened for the Roof Replacement at Building E and G. The low Base Bid of \$68,000.00 was submitted by Crowther Roofing and Sheet Metal, Inc. of Romeoville, Illinois. See attached Bid Tabulation Sheet for a complete summary of the bids.

On Thursday, July 1, 2021, I conducted a scope review meeting with Scott Crowther, the Vice-President of Crowther Roofing and Sheet Metal, Inc. I reviewed the construction documents with Scott Crowther and he has confirmed their bid, including the Scope of the Project, allowances and the unit costs. Additionally, they have previously and successfully completed a roofing project with Glenbard Wastewater Authority and numerous roofing projects with ARCON Associates, Inc.

Our office recommends that Glenbard Wastewater Authority extend a contract to Crowther Roofing and Sheet Metal, Inc. of Romeoville, Illinois for the Roof Replacement at Building E and G in the amount of \$68,000.00.

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".

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\21075 Roof Replacement @ Buildings E & G\1 Docs\Corr\21075L001.wpd

Project: Roof Replacement at Building E & G

Owner: Glenbard Wastewater Authority

Project No.: 21075

Bid Date/Time: Thursday, 7/1/2021 at 2:00 PM



CONTRACTOR		BID BOND	ADDENDUM No. 1	BASE BID		
1	Anthony Roofing Co. (Tecta America)			NO BID		
2	Combined Roofing Services LLC	✓	✓	\$91,000.00		
3	Crowther Roofing & Sheet Metal Inc.	✓	✓	\$68,000.00		
4	DCG Roofing Solutions, Inc.	✓	✓	\$94,500.00		
5	Elens & Maichin Roofing & Sheet Metal Inc.	✓	✓	\$88,600.00		
6	F&G Roofing Co.	✓	✓	\$78,800.00		
7	Knickerbocker Roofing and Paving Co. Inc.	✓	✓	\$105,000.00		
8	Preservation Services, Inc.			NO BID		
9	Riddiford Roofing Company	✓		\$94,900.00		
10						
11						

SECTION 6.0

CY2020 AUDIT APPROVAL

MEMORANDUM

TO: Executive Oversight Committee
FROM: Christina Coyle, Finance Director
DATE: June 22, 2021
RE: 2020 Audited Financial Statements



2020 Audited Financial Statements

Attached is the Annual Audited Financial Statements for the Glenbard Wastewater Authority for the fiscal year that ended December 31, 2020.

Financial highlights for the Authority's fiscal year 2020 (FY2020) are presented on pages 6-7 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 5-14. 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 \$353,423. We annually adjust the partners' contributions to match expenses. Using this measure, the Village of Lombard is owed \$208,885 and Glen Ellyn is owed \$144,538 for the fiscal year ended December 31, 2020.

As of December 31, 2020, the Authority's working cash was 33.9% of operating expenses, or \$377,611 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 31-32). As the year end amount is below the working cash minimum, we can distribute the entire amount. Also, at the end of 2019, the working cash minimum prohibited distributing the entire 2019 surplus. The amount not distributed was \$10,255. There is working cash available at this time to release the remaining 2019 surplus as well.

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.

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: No management letter comments were issued this year. There is a report attached stating such.

Proposed Action Items:

Motion to accept the Audited Financial Statements of the Glenbard Wastewater Authority for the fiscal year ended December 31, 2020 and to forward the audit report to the full Authority Board for final approval at the next annual meeting.

Motion to allocate the 2020 operating surplus of \$353,423 and the remaining 2019 operating surplus of \$10,255 to the Capital Fund.

GLENBARD WASTEWATER AUTHORITY,
GLEN ELLYN, ILLINOIS

ANNUAL FINANCIAL REPORT

FOR THE FISCAL YEAR ENDED
DECEMBER 31, 2020

GLENBARD WASTEWATER AUTHORITY, GLEN ELLYN, ILLINOIS

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FINANCIAL SECTION

This section includes:

Independent Auditors' Report

Management's Discussion and Analysis

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INDEPENDENT AUDITORS' REPORT

This section includes the opinion of the Authority's independent auditing firm.



INDEPENDENT AUDITORS' REPORT

May 17, 2021

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

We have audited the accompanying financial statements of the business-type activities, each major fund, and the aggregate remaining fund information of the Glenbard Wastewater Authority, Illinois, as of and for the year ended December 31, 2020, 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. 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 business-type activities, each major fund, and the aggregate remaining fund information of the Glenbard Wastewater Authority, Illinois, as of December 31, 2020, 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 other supplementary information are presented for purposes of additional analysis and are not a required part of the basic financial statements.

The other supplementary information is 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 other supplementary information is 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 December 31, 2019 financial statements, and we expressed an unmodified audit opinions on the respective financial statements of the business-type activities, and the aggregate remaining fund information in our report dated June 4, 2020. In our opinion, the summarized comparative information presented herein as of and for the year ended December 31, 2019, is consistent, in all material respects, with the audited financial statements from which it has been derived.

Lauterbach & Amen, LLP

LAUTERBACH & AMEN, LLP

MANAGEMENT'S DISCUSSION AND ANALYSIS

GLENBARD WASTEWATER AUTHORITY, GLEN ELLYN, ILLINOIS

Management's Discussion and Analysis

December 31, 2020

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 2020 which began on January 1, 2020 and concluded on December 31, 2020. 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 can be found in the financial section of this report.

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, GLEN ELLYN, ILLINOIS

Management's Discussion and Analysis

December 31, 2020

Background and Overview of the Financial Statements - Continued

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, 2020 increased by \$324,103 or by 3.7% compared to balances at the close of the prior fiscal year. The Operating Fund experienced an increase in cash balance of \$159,283, while the Equipment Replacement Fund's cash balance increased by \$164,820. The Equipment Replacement Fund received loan proceeds from the Illinois Environmental Protection Agency (IEPA) in the amount of \$1.3 million and has incurred capital costs of \$4.3 million. The main project undertaken is the Facility Improvement Project (FIP), which entails a series of updates to the facility. See the financial section of this report for detailed cash flow information.
2. Total Operating Fund expenses for fiscal year 2020 were \$4,019,833, a decrease of \$330,591 or (7.6%) compared to the previous fiscal year. For additional information concerning changes in operating costs compared to the prior fiscal year, the Operating Fund Expenses chart in this Management's Discussion and Analysis.
3. Total Operating Fund expenses were under the approved budget of \$4,602,094 by \$582,261 or (12.7%). Additional budget comparison information is located in the financial section of this report.
4. Amounts due from/(to) each of the Villages as of December 31, 2020, include following components:

GLENBARD WASTEWATER AUTHORITY, GLEN ELLYN, ILLINOIS

Management's Discussion and Analysis

December 31, 2020

Financial Highlights - Continued

	Village of Lombard	Village of Glen Ellyn	Totals
Billing Adjustment for the Fiscal Year Ended on December 31, 2020	\$ (208,885)	(144,538)	(353,423)
Billing Adjustment - July 2020 to December 2020	6,547	(6,547)	—
Cumulative Balance Due from (to) Villages	(202,338)	(151,085)	(353,423)

*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.

1. The percentage of wastewater flow contributed by each of the partners to the Glenbard Plant for 2019 compared to the previous three years is shown below:

	FY 2018	FY 2019	FY 2020
Village of Lombard	58.79%	59.41%	59.28%
Village of Glen Ellyn	41.21%	40.59%	40.72%

A history of annual flow data is presented on Schedule of Allocation Costs.

2. The Authority has a minimum working cash policy for its Operating Fund equal to 25% of operating expenses (see Note 3). The Authority's net working cash balance of \$1,439,597 as of December 31, 2020 is equivalent to a 33.9% reserve level, above the minimum 25% level by \$377,611.
3. The Authority invested significantly in capital projects during 2020. The Authority completed the Facility Improvement Project (FIP) in 2020. 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, 2020, \$20.2 million had been expended on this project.

GLENBARD WASTEWATER AUTHORITY, GLEN ELLYN, ILLINOIS

Management's Discussion and Analysis

December 31, 2020

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.

	FY 2018	FY 2019	FY 2020
Current and Other Assets	\$ 8,015,153	9,767,599	10,049,485
Deferred Outflows	704,968	169,825	82,533
Capital Assets	48,911,990	50,675,581	52,497,950
Total Assets & Deferred Outflows	57,632,111	60,613,005	62,629,968
Long Term Debt	16,332,685	18,060,570	18,450,374
Other Liabilities	2,935,222	2,322,276	2,576,779
Deferred Inflows	125,366	424,894	818,225
Total Liabilities & Deferred Inflows	19,393,273	20,807,740	21,845,378
Net Investment in Capital Assets	32,962,382	32,218,654	33,603,245
Restricted	5,276,456	7,586,611	7,181,345
Total Net Position	38,238,838	39,805,265	40,784,590

The total net position of the Authority increased \$979,325 to \$40,784,590, 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. The Illinois Municipal Retirement Fund (IMRF) Pension Expense in the Operating Fund also decreased from \$63,511 in 2019 to a negative \$228,113, a decrease of \$291,624. This is due to positive investment returns for IMRF which positively impacted pension expense.

For more detailed information, see the Statement of Net Position, which can be found in the financial section of this report.

GLENBARD WASTEWATER AUTHORITY, GLEN ELLYN, ILLINOIS

Management's Discussion and Analysis

December 31, 2020

Authority's Financial Analysis - Continued

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.

	FY 2018	FY 2019	FY 2020
Operating Revenues	\$ 7,431,990	7,779,218	7,889,975
Non-Operating Revenues	593,123	1,344,347	748,882
Total Revenues	8,025,113	9,123,565	8,638,857
Depreciation Expense	2,495,940	2,464,158	2,453,593
Other Operating Expenses	4,460,155	4,995,218	4,457,538
Non-Operating Expenses	142,141	97,762	748,401
Total Expenses	7,098,236	7,557,138	7,659,532
Changes in Net Position	926,877	1,566,427	979,325
Net Position – Beginning	37,311,961	38,238,838	39,805,265
Net Position – Ending	38,238,838	39,805,265	40,784,590

For more detailed information, see the Statement of Revenues, Expenses and Changes in Net Position, which can be found in the financial section of this report.

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, GLEN ELLYN, ILLINOIS**Management's Discussion and Analysis****December 31, 2020****Authority's Financial Analysis - Continued*****Revenues - Continued*****Operating Fund Revenues - Continued**

A comparison of Operating Fund operating revenues from charges to the Villages for the fiscal year ended December 31, 2020 compared to the previous two years is shown in the table below.

Partner	FY 2018	FY 2019	FY 2020	\$ Change from 2019 to 2020	% Change from 2019 to 2020
Village of Lombard	\$ 2,311,758	\$ 2,521,328	\$ 2,518,863	\$ (2,465)	(0.06%)
Village of Glen Ellyn	1,620,232	1,722,890	1,730,062	7,172	0.17%
Totals	3,931,990	4,244,218	4,248,925	4,707	0.11%

Operating revenues charged to the Villages are directly correlated to changes in operating costs. An analysis of operating costs can be found in the financial section of this report.

Equipment Replacement Fund Revenues

A comparison of Equipment Replacement Fund revenues for the fiscal year ended December 31, 2020 compared to the previous two years is shown in the table below:

Revenue	FY 2018	FY 2019	FY 2020	\$ Change from 2019 to 2020	% Change from 2019 to 2020
Lombard (1)	\$ 1,905,091	\$ 1,933,042	\$ 1,989,294	\$ 56,252	1.17%
Glen Ellyn (1)	1,594,909	1,601,958	1,651,756	49,798	1.03%
Excess Contributions (2)	159,394	449,410	181,469	(267,941)	(5.55%)
Connection Fees (3)	100,890	299,462	142,566	(156,896)	(3.25%)
Leachate Revenue (4)	139,300	215,063	159,075	(55,988)	(1.16%)
Cell Tower Revenue (5)	52,844	54,958	57,157	2,199	0.05%
FOG Revenue (6)	23,944	99,009	105,174	6,165	0.13%
Investment Income (7)	69,995	139,792	37,937	(101,855)	(2.11%)
Other Income (9)	(17,644)	32,060	5,050	(27,010)	(0.56%)
Total Revenues	4,028,723	4,824,754	4,329,478	(495,276)	(10.27%)

GLENBARD WASTEWATER AUTHORITY, GLEN ELLYN, ILLINOIS

Management's Discussion and Analysis

December 31, 2020

Authority's Financial Analysis - Continued

Revenues - Continued

Equipment Replacement Fund Revenues - Continued

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 2019 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 2019 had greater fees than FY 2020 fees due to large development projects in 2019.
4. Leachate is the groundwater collected from around old/out of service garbage landfills. The revenue from leachate is dependent on how much leachate is received. As leachate generation is largely based off of rainfall, and as 2020 had less precipitation than 2019, the revenues for this category are lower.
5. 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 was 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 resumed to receive FOG in 2018, however at a much reduced rate. The Authority increased its FOG treatment in 2019 and 2020 at a measured pace.
6. During 2020, overall interest rates greatly decreased. For example, the Illinois Funds, a local government investment pool administered by the State Treasurer, paid an average interest rate for the month of January 2020 of 1.685%. By December 2020, its monthly average interest rate was 0.093%.
7. The Authority receives revenue 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. In 2020, the Authority received \$24,000 for the sale of surplus energy credits and \$16,000 for the sale of scrap metal. This income is offset by a loss on disposal of capital assets.

GLENBARD WASTEWATER AUTHORITY, GLEN ELLYN, ILLINOIS**Management's Discussion and Analysis****December 31, 2020****Authority's Financial Analysis - Continued*****Expenses*****Operating Fund Expenses**

A comparison of Operating Fund expenses for FY 2020 compared to the previous two years is shown in the table below:

	FY 2018	FY 2019	FY 2020	2020 Percent of Total	\$ Change from 2019 to 2020	% Change from 2019 to 2020
Personnel Services	\$ 1,583,762	\$ 1,700,843	\$ 1,738,147	43.24%	\$ 37,304	0.86%
IMRF Pension	(132,646)	63,511	(228,113)	(5.67)%	(291,624)	(6.70%)
Contractual						
Maintenance (2)	414,474	521,820	446,436	11.11%	(75,384)	(1.73%)
Service Charge	129,270	131,726	134,228	3.34%	2,502	0.06%
Sludge Removal	153,121	193,648	217,405	5.41%	23,757	0.55%
Utilities (4)	672,769	692,316	618,717	15.39%	(73,599)	(1.69%)
Insurance (5)	348,912	397,451	397,787	9.90%	336	0.01%
Other (6)	183,330	206,622	184,036	4.58%	(22,586)	(0.52%)
Commodities (7)	467,999	442,487	511,190	12.72%	68,703	1.58%
Totals	3,820,991	4,350,424	4,019,833	100.02%	(330,591)	(7.60%)

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 agency recognized IMRF pension expense of \$160,728 in 2019. In 2020, the agency recognized pension revenue of \$98,660, a difference of \$259,388. This is due to a positive change in the investment market when comparing 2019 to 2020, particularly in the equity markets. This positively impacts the IMRF pension expense.
3. In 2020, less preventive maintenance was required. This amount varies from year to year based on the number of hours equipment is operated, the total quantities of equipment in service, etc.

GLENBARD WASTEWATER AUTHORITY, GLEN ELLYN, ILLINOIS

Management's Discussion and Analysis

December 31, 2020

Authority's Financial Analysis - Continued

Expenses - Continued

Operating Fund Expenses - Continued

4. In addition to the Authority's continuing policy to implement energy efficient measures, 2020 had less precipitation than occurred in 2019. Less precipitation resulted in lower influent flows, so there was less pumping and treatment. As there was less electrical usage needed, utility costs were reduced.
5. Chemical costs increased from \$74,036 in 2019 to \$152,204 in 2020. This increase was due to the addition of two more chemical systems at the Authority; a sodium hypochlorite system used to disinfect plant water and a hydrogen peroxide system used for odor control.

Equipment Replacement Fund Expenses

The Authority invested over \$4.3 million in the continued replacement and rehabilitation of various capital equipment and plant upgrades during the fiscal year ended December 31, 2020. 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.

	FY 2018	FY 2019	FY 2020
Nondepreciable Capital Assets	\$ 15,677,188	19,642,970	22,523,629
Depreciable Capital Assets	95,732,343	95,984,800	97,271,616
Less: Accumulated Depreciation	(62,497,541)	(64,952,189)	(67,297,295)
Total Net Depreciable Capital Assets	33,234,802	31,032,611	29,974,321
Total Net Capital Assets	48,911,990	50,675,581	52,497,950

For more detailed information, see Note 3.

GLENBARD WASTEWATER AUTHORITY, GLEN ELLYN, ILLINOIS

Management's Discussion and Analysis

December 31, 2020

Authority's Financial Analysis - Continued

Long-Term Debt

A schedule of the Authority's State of Illinois EPA loan balances at December 31, 2020 is presented below.

	<u>Amount</u>
Digester Project	\$ 2,695,261
Facility Improvement Project	<u>16,199,444</u>
	<u>18,894,705</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.

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.

BASIC FINANCIAL STATEMENTS

GLENBARD WASTEWATER AUTHORITY, GLEN ELLYN, ILLINOIS

Statement of Net Position

December 31, 2020

(with Comparative Information for December 31, 2019)

See Following Page

GLENBARD WASTEWATER AUTHORITY, GLEN ELLYN, ILLINOIS

Statement of Net Position

December 31, 2020

(with Comparative Information for the Fiscal Year Ended December 31, 2019)

	December 31, 2020	December 31, 2019
ASSETS		
Current Assets		
Restricted Cash and Investments		
Working Cash Account	\$ 1,439,597	1,280,314
Equipment Replacement Account	7,742,120	7,577,300
Receivables - Net of Allowances		
Accounts	45,912	41,751
Member Contributions	1,858	15,373
IEPA Loans	—	681,798
Prepays	98,753	129,741
Inventories	61,362	41,322
Total Current Assets	9,389,602	9,767,599
Noncurrent Assets		
Capital Assets		
Nondepreciable	22,523,629	19,642,970
Depreciable	97,271,616	95,984,800
Accumulated Depreciation	(67,297,295)	(64,952,189)
	52,497,950	50,675,581
Other Assets		
Net Pension Asset - IMRF	659,883	—
Total Noncurrent Assets	53,157,833	50,675,581
Total Assets	62,547,435	60,443,180
DEFERRED OUTFLOWS OF RESOURCES		
Deferred Items - IMRF	82,533	169,825
Total Assets/Deferred Outflows of Resources	62,629,968	60,613,005

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

	December 31, 2020	December 31, 2019
LIABILITIES		
Current Liabilities		
Accounts Payable	\$ 1,521,611	1,377,632
Accrued Payroll	41,080	91,736
Accrued Interest Payable	28,381	34,268
Unearned Rental Revenue	24,909	23,952
Member Accounts Payable	355,281	207,097
Current Portion of Long-Term Debt	605,517	587,591
Total Current Liabilities	2,576,779	2,322,276
Noncurrent Liabilities		
Compensated Absences Payable	128,849	113,905
Net Pension Liability - IMRF	—	48,853
FIP Loan Payable	16,199,444	15,202,551
Digester Loan Payable	2,122,081	2,695,261
Total Noncurrent Liabilities	18,450,374	18,060,570
Total Liabilities	21,027,153	20,382,846
DEFERRED INFLOWS OF RESOURCES		
Deferred Items - IMRF	818,225	424,894
Total Liabilities/Deferred Inflows of Resources	21,845,378	20,807,740
NET POSITION		
Net Investment in Capital Assets	33,603,245	32,218,654
Restricted	7,181,345	7,586,611
Total Net Position	40,784,590	39,805,265

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, 2020****(with Comparative Information for the Fiscal Year Ended December 31, 2019)**

	December 31, 2020	December 31, 2019
Operating Revenues		
Charges for Services	\$ 7,889,975	7,779,218
Operating Expenses		
Personnel Services	1,738,147	1,700,843
IMRF Pension Expense	(228,113)	63,511
Contractual Services		
Maintenance	446,436	521,820
Service Charge	134,228	131,726
Sludge Removal	217,405	193,648
Utilities	618,717	692,316
Insurance	397,787	397,451
Other	184,557	206,622
Commodities	511,190	442,487
Maintenance of Capital Facilities and Equipment	4,351,098	4,884,441
Less: Capital Outlay	(3,913,914)	(4,239,647)
Depreciation	2,453,593	2,464,158
Total Operating Expenses	6,911,131	7,459,376
Operating Income	978,844	319,842
Nonoperating Revenues (Expenses)		
Surplus Contributions	181,469	449,410
Connection Fees	142,566	299,462
Enernoc Demand Response	19,631	23,494
Leachate Revenues	159,075	215,063
Fats, Oil & Grease Waste Fees	105,174	99,009
Cell Tower Revenues	57,157	54,958
Other Income	46,852	20,464
Sale of Capital Assets	(61,433)	(11,898)
Investment Income	36,958	182,487
Interest Expense	(686,968)	(85,864)
	481	1,246,585
Change in Net Position	979,325	1,566,427
Net Position - Beginning	39,805,265	38,238,838
Net Position - Ending	40,784,590	39,805,265

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, 2020****(with Comparative Information for the Fiscal Year Ended December 31, 2019)**

	December 31, 2020	December 31, 2019
Cash Flows from Operating Activities		
Receipts from Customers and Villages	\$ 9,303,999	8,922,758
Payments to Employees	(1,510,034)	(1,764,354)
Payments to Suppliers	(2,920,235)	(3,788,573)
	<u>4,873,730</u>	<u>3,369,831</u>
Cash Flows from Capital and Related Financing Activities		
Purchase of Capital Assets	(4,337,395)	(4,239,647)
Interest Expense	(686,968)	(85,864)
Payment of Principal	(884,667)	(545,395)
Loan Proceeds	1,322,445	3,052,714
	<u>(4,586,585)</u>	<u>(1,818,192)</u>
Cash Flows from Investing Activities		
Investment Income	<u>36,958</u>	<u>182,487</u>
Net Change in Cash and Cash Equivalents	324,103	1,734,126
Cash and Cash Equivalents		
Beginning	<u>8,857,614</u>	<u>7,123,488</u>
Ending	<u><u>9,181,717</u></u>	<u><u>8,857,614</u></u>
Reconciliation of Operating Income to Net Cash Provided (Used) by Operating Activities		
Operating Income	978,844	319,842
Adjustments to Reconcile Operating Income to Net Income to Net Cash		
Provided by (Used in) Operating Activities:		
Depreciation Expense	2,453,593	2,464,158
Other Income	711,924	1,161,860
Other Expense - IMRF	(228,113)	63,510
(Increase) Decrease in Current Assets	702,100	(18,320)
Increase (Decrease) in Current Liabilities	<u>255,382</u>	<u>(621,219)</u>
Net Cash Provided by Operating Activities	<u><u>4,873,730</u></u>	<u><u>3,369,831</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, 2020

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.

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.

Notes to the Financial Statements

December 31, 2020

NOTE 1 - SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES - Continued

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.

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

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.

GLENBARD WASTEWATER AUTHORITY, GLEN ELLYN, ILLINOIS

Notes to the Financial Statements

December 31, 2020

NOTE 1 - SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES - Continued

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

Restricted Cash and Investments

Please 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.

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

Notes to the Financial Statements

December 31, 2020

NOTE 1 - SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES - Continued

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.

Net Position

In the government-wide financial statements, equity is classified as net position and displayed in three 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 legislation.

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.

GLENBARD WASTEWATER AUTHORITY, GLEN ELLYN, ILLINOIS

Notes to the Financial Statements

December 31, 2020

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.

NOTE 3 - DETAIL NOTES ON ALL FUNDS

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, Concentration Risk, and Custodial Credit Risk

Deposits. At year-end, the carrying amount of the Authority's deposits totaled \$1,739,617 and the bank balances totaled \$2,001,056. The Authority also has \$3,748,279 invested in the Illinois Funds and \$3,693,821 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, 2020

NOTE 3 - DETAIL NOTES ON ALL FUNDS - Continued

Interest Rate Risk, Credit Risk, Concentration Risk, and Custodial Credit 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, 2020, 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:

Project	Expended to Date	Remaining Commitment
Electric Service Design	\$ 375,916	4,382,084
Electric Service Design	110,288	40,112
Biosolids Dewatering Improvement Project	271,466	102,634
Facility Improvement Plan Phase I	1,047,450	38,156
Facility Improvement Plan Phase II	16,431,337	1,369,922
	<u>18,236,457</u>	<u>5,932,908</u>

GLENBARD WASTEWATER AUTHORITY, GLEN ELLYN, ILLINOIS

Notes to the Financial Statements

December 31, 2020

NOTE 3 - DETAIL NOTES ON ALL FUNDS - Continued

CAPITAL ASSETS

The following is a summary of capital asset activity for the year:

	Beginning Balances	Increases	Decreases	Ending Balances
Nondepreciable Capital Assets				
Land	\$ 943,212	—	—	943,212
Property Easement	168,607	—	—	168,607
Construction in Progress	18,531,151	4,037,238	1,156,579	21,411,810
	<u>19,642,970</u>	<u>4,037,238</u>	<u>1,156,579</u>	<u>22,523,629</u>
Depreciable Capital Assets				
Glenbard Plant	67,797,371	1,456,736	169,920	69,084,187
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>95,984,800</u>	<u>1,456,736</u>	<u>169,920</u>	<u>97,271,616</u>
Less Accumulated Depreciation				
Glenbard Plant	44,119,279	1,658,379	108,487	45,669,171
Stormwater Plant	9,193,115	258,762	—	9,451,877
North Regional Interceptor	7,964,523	299,345	—	8,263,868
South Regional Interceptor	3,675,272	237,107	—	3,912,379
	<u>64,952,189</u>	<u>2,453,593</u>	<u>108,487</u>	<u>67,297,295</u>
Total Net Depreciable Capital Assets	<u>31,032,611</u>	<u>(996,857)</u>	<u>61,433</u>	<u>29,974,321</u>
Total Net Capital Assets	<u>50,675,581</u>	<u>3,040,381</u>	<u>1,218,012</u>	<u>52,497,950</u>

Depreciation was allocated to the members as follows:

Village of Lombard	\$ 1,340,643
Village of Glen Ellyn	<u>1,112,950</u>
	<u>2,453,593</u>

GLENBARD WASTEWATER AUTHORITY, GLEN ELLYN, ILLINOIS**Notes to the Financial Statements****December 31, 2020****NOTE 3 - DETAIL NOTES ON ALL FUNDS - 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.	\$ 3,254,376	—	559,115	2,695,261
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.	15,202,551	1,322,445	325,552	16,199,444 (b)
	18,456,927	1,322,445	884,667	18,894,705

(a) Includes construction interest.

(b) Amounts disbursed as of the date of the audit report is \$16,524,996. 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, 2020****NOTE 3 - DETAIL NOTES ON ALL FUNDS - 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	\$ 142,381	37,610	18,805	161,186	32,337
Net Pension Liability/(Asset) - IMRF	48,853	—	708,736	(659,883)	—
Loans Payable	18,456,927	1,322,445	884,667	18,894,705	573,180
	<u>18,648,161</u>	<u>1,360,055</u>	<u>1,612,208</u>	<u>18,396,008</u>	<u>605,517</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
2021	\$ 573,180	63,822
2022	587,599	49,403
2023	602,381	34,621
2024	617,534	19,468
2025	314,567	3,932
Totals	<u>2,695,261</u>	<u>171,246</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, 2020

NOTE 3 - DETAIL NOTES ON ALL FUNDS - Continued

NET POSITION

Net Position Classification

Net position consists of the following as of December 31, 2020 and December 31, 2019:

	<u>December 31, 2020</u>	<u>December 31, 2019</u>
Net Position		
Net Investment in Capital Assets	\$ 33,603,245	32,218,654
Equipment Replacement Account (Restricted)	6,423,653	7,057,032
Working Cash Account (Restricted)	<u>757,692</u>	<u>529,579</u>
Total Net Position	<u>40,784,590</u>	<u>39,805,265</u>

Net investment in capital assets was comprised of the following as of December 31, 2020 and December 31, 2019:

	<u>December 31, 2020</u>	<u>December 31, 2019</u>
Business-Type Activities		
Capital Assets - Net of Accumulated Depreciation	\$ 52,497,950	50,675,581
Less Capital Related Debt:		
Loans Payable	<u>(18,894,705)</u>	<u>(18,456,927)</u>
Net Investment in Capital Assets	<u>33,603,245</u>	<u>32,218,654</u>

GLENBARD WASTEWATER AUTHORITY, GLEN ELLYN, ILLINOIS

Notes to the Financial Statements

December 31, 2020

NOTE 3 - DETAIL NOTES ON ALL FUNDS - 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, 2020 and December 31, 2019 are as follows:

	December 31, 2020	December 31, 2019
Beginning Balance	\$ 39,275,686	37,645,748
Revenue and Expense Results within		
Equipment Replacement Sub-Fund	(655,651)	(30,106)
Surplus Contributions	181,469	449,410
Investment Income	37,937	139,792
Service Fees Charged to Villages	3,641,050	3,535,000
Depreciation	(2,453,593)	(2,464,158)
	40,026,898	39,275,686
Less: Net Investment in Capital Assets	(33,603,245)	(32,218,654)
Restricted for Future Plant and Equipment Replacement	6,423,653	7,057,032

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, 2020**

NOTE 3 - DETAIL NOTES ON ALL FUNDS - Continued

NET POSITION - Continued

Working Cash Account - Continued

	Village of Lombard	Village of Glen Ellyn	December 31, 2020	December 31, 2019
Operating Expenses (as Defined in Intergovernmental Agreement)	\$ 2,518,283	1,729,663	4,247,946	4,286,913
Minimum Working Capital Balance (25% of Operating Expenses)	629,571	432,416	1,061,987	1,071,728
Cash and Investments - Operating Sub-Fund			1,439,597	1,280,314
Less: Outstanding Encumbrances			—	(27,117)
Working Cash			1,439,597	1,253,197
Less: Required Working Cash			(1,061,987)	(1,071,728)
Working Cash over Minimum Requirement			377,611	181,469

Working cash balance computation:

	Village of Lombard	Village of Glen Ellyn	Totals
Amount Required	\$ (629,571)	(432,416)	(1,061,987)
Amount Available	853,427	586,170	1,439,597
Cash Reserve Excess	223,856	153,754	377,611

Notes to the Financial Statements

December 31, 2020

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. As of December 31, 2020, the Authority's has no member reserve balance with IRMA.

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.

Notes to the Financial Statements

December 31, 2020

NOTE 4 - OTHER INFORMATION - Continued

CONTINGENT LIABILITIES

Litigation

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

Financial Impact from COVID-19

In March 2020, the World Health Organization declared the COVID-19 virus a public health emergency. As of the date of this report, the extent of the impact of COVID-19 on the Authority's operations and financial position cannot be determined.

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.

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).

GLENBARD WASTEWATER AUTHORITY, GLEN ELLYN, ILLINOIS

Notes to the Financial Statements

December 31, 2020

NOTE 4 - OTHER INFORMATION - Continued

EMPLOYEE RETIREMENT SYSTEM - DEFINED BENEFIT PENSION PLAN - Continued

Illinois Municipal Retirement Fund (IMRF) - Continued

Plan Descriptions - Continued

Benefits Provided - Continued. 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, 2020, the measurement date, the following employees were covered by the benefit terms:

Active Plan Members	<u>17</u>
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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, 2020

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, 2020, the Authority's contribution was 9.69% of covered payroll.

Net Pension (Asset). The Authority's net pension (asset) was measured as of December 31, 2020. 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, 2020, using the following actuarial methods and assumptions:

Actuarial Cost Method	Entry Age Normal
Asset Valuation Method	Fair Value
Actuarial Assumptions	
Interest Rate	7.25%
Salary Increases	2.85% to 13.75%
Cost of Living Adjustments	2.25%
Inflation	2.25%

For nondisabled retirees, the Pub-2010, Amount-Weighted, below-median income, General, Retiree, Male (adjusted 106%) and Female (adjusted 105%) tables, and future mortality improvements projected using scale MP-2020. For disabled retirees, the Pub-2010, Amount-Weighted, below-median income, General, Disabled Retiree, Male and Female (both unadjusted) tables, and future mortality improvements projected using scale MP-2020. For active members, the Pub-2010, Amount-Weighted, below-median income, General, Employee, Male and Female (both unadjusted) tables, and future mortality improvements projected using scale MP-2020.

GLENBARD WASTEWATER AUTHORITY, GLEN ELLYN, ILLINOIS

Notes to the Financial Statements

December 31, 2020

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:

Asset Class	Target	Long-Term Expected Real Rate of Return
Fixed Income	28.00%	3.25%
Domestic Equities	37.00%	5.75%
International Equities	18.00%	6.50%
Real Estate	9.00%	5.20%
Blended	7.00%	3.60% - 7.60%
Cash and Cash Equivalents	1.00%	1.85%

Discount Rate

The discount rate used to measure the total pension liability was 7.25%, the same as the prior valuation. 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 Fund'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 net 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, 2020

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)	390,236	(659,883)	(1,504,020)

Changes in the Net Pension Liability

	Total Pension Liability (A)	Plan Fiduciary Net Position (B)	Net Pension Liability/(Asset) (A) - (B)
Balances at December 31, 2019	\$ 9,856,618	9,807,765	48,853
Changes for the Year:			
Service Cost	141,607	—	141,607
Interest on the Total Pension Liability	631,258	—	631,258
Changes of Benefit Terms	—	—	—
Difference Between Expected and Actual Experience of the Total Pension Liability	55,840	—	55,840
Changes of Assumptions	(60,076)	—	(60,076)
Contributions - Employer	—	129,454	(129,454)
Contributions - Employees	—	65,444	(65,444)
Net Investment Income	—	1,265,793	(1,265,793)
Benefit Payments, Including Refunds of Employee Contributions	(458,906)	(458,906)	—
Other (Net Transfer)	—	16,674	(16,674)
Net Changes	309,723	1,018,459	(708,736)
Balances at December 31, 2020	10,166,341	10,826,224	(659,883)

GLENBARD WASTEWATER AUTHORITY, GLEN ELLYN, ILLINOIS**Notes to the Financial Statements****December 31, 2020****NOTE 4 - OTHER INFORMATION - Continued****EMPLOYEE RETIREMENT SYSTEM - DEFINED BENEFIT PENSION PLAN - Continued****Pension Expense, Deferred Outflows of Resources, and Deferred Inflows of Resources Related to Pensions**

For the year ended December 31, 2020, the Authority recognized pension revenue of \$98,659. At December 31, 2020, the Authority reported deferred outflows or 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	\$ 75,065	—	75,065
Change in Assumptions	7,468	(40,711)	(33,243)
Net Difference Between Projected and Actual Earnings on Pension Plan Investments	—	(777,514)	(777,514)
Total Deferred Amounts Related to IMRF	82,533	(818,225)	(735,692)

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 (Inflows) of Resources
2021	\$ (204,929)
2022	(94,196)
2023	(309,642)
2024	(126,925)
2025	—
Thereafter	—
Total	(735,692)

GLENBARD WASTEWATER AUTHORITY, GLEN ELLYN, ILLINOIS

Notes to the Financial Statements

December 31, 2020

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, 2020.

REQUIRED SUPPLEMENTARY INFORMATION

Required supplementary information includes financial information and disclosures that are required by the GASB but are not considered a part of the basic financial statements. Such information includes:

- Schedule Employer Contributions
Illinois Municipal Retirement Fund
- Schedule of Changes in the Employer's Net Pension Liability
Illinois Municipal Retirement Fund

GLENBARD WASTEWATER AUTHORITY, GLEN ELLYN, ILLINOIS

**Illinois Municipal Retirement Fund
Schedule of Employer Contributions
December 31, 2020**

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%
2019	97,218	97,218	—	1,359,696	7.15%
2020	129,454	129,454	—	1,335,802	9.69%

Notes to the Required Supplementary Information:

Actuarial Cost Method	Entry Age Normal
Amortization Method	Level % Pay (Closed)
Remaining Amortization Period	23 Years
Asset Valuation Method	5-Year Smoothed Fair Value
Inflation	2.50%
Salary Increases	3.35% - 14.25%
Investment Rate of Return	7.25%
Retirement Age	See the Notes to the Financial Statements
Mortality	IMRF specific mortality table was used with fully generational projection scale MP-2017 (base year 2015).

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****Schedule of Changes in the Employer's Net Pension Liability****December 31, 2020**

	<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	(399,698)
Net Change in Total Pension Liability	436,819
Total Pension Liability - Beginning	8,214,126
Total Pension Liability - Ending	<u>8,650,945</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)	45,862
Net Change in Plan Fiduciary Net Position	(131,691)
Plan Net Position - Beginning	8,073,123
Plan Net Position - Ending	<u>7,941,432</u>
Employer's Net Pension Liability/(Asset)	<u>\$ 709,513</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	2019	2020
128,961	137,350	114,501	130,468	141,607
628,935	615,459	609,697	623,086	631,258
(67,729)	(73,414)	51,409	106,951	55,840
(9,982)	(257,267)	221,936	—	(60,076)
(434,992)	(431,868)	(428,162)	(459,666)	(458,906)
245,193	(9,740)	569,381	400,839	309,723
8,650,945	8,896,138	8,886,398	9,455,779	9,856,618
8,896,138	8,886,398	9,455,779	9,856,618	10,166,341
139,480	135,586	122,242	97,218	129,454
59,117	58,474	64,375	62,987	65,444
543,260	1,413,859	(469,664)	1,484,513	1,265,793
(434,992)	(431,868)	(428,162)	(459,666)	(458,906)
(20,365)	(220,476)	163,467	(13,052)	16,674
286,500	955,575	(547,742)	1,172,000	1,018,459
7,941,432	8,227,932	9,183,507	8,635,765	9,807,765
8,227,932	9,183,507	8,635,765	9,807,765	10,826,224
668,206	(297,109)	820,014	48,853	(659,883)
92.49%	103.34%	91.33%	99.50%	106.49%
1,294,237	1,298,110	1,236,706	1,359,696	1,335,802
51.63%	(22.89%)	66.31%	3.59%	(49.40%)

OTHER SUPPLEMENTARY INFORMATION

GLENBARD WASTEWATER AUTHORITY, GLEN ELLYN, ILLINOIS

**Combining Statement of Net Position
December 31, 2020**

See Following Page

GLENBARD WASTEWATER AUTHORITY, GLEN ELLYN, ILLINOIS

**Combining Statement of Net Position
December 31, 2020**

	Operating Sub-Fund	Equipment Maintenance Sub-Fund	Totals
ASSETS			
Current Assets			
Restricted Cash and Investments			
Working Cash Account	\$ 1,439,597	—	1,439,597
Equipment Replacement Account	—	7,742,120	7,742,120
Receivables - Net of Allowances			
Accounts	1,290	44,622	45,912
Member Contributions			
Village of Lombard	—	1,858	1,858
Prepays	53,369	45,384	98,753
Inventories	—	61,362	61,362
Total Current Assets	1,494,256	7,895,346	9,389,602
Noncurrent Assets			
Capital Assets			
Nondepreciable	—	22,523,629	22,523,629
Depreciable	—	97,271,616	97,271,616
Accumulated Depreciation	—	(67,297,295)	(67,297,295)
	—	52,497,950	52,497,950
Other Assets			
Net Pension Asset - IMRF	659,883	—	659,883
Total Noncurrent Assets	659,883	52,497,950	53,157,833
Total Assets	2,154,139	60,393,296	62,547,435
DEFERRED OUTFLOWS OF RESOURCES			
Deferred Items - IMRF	82,533	—	82,533
Total Assets and Deferred Outflows of Resources	2,236,672	60,393,296	62,629,968

	Operating Sub-Fund	Equipment Maintenance Sub-Fund	Totals
LIABILITIES			
Current Liabilities			
Accounts Payable	\$ 105,066	1,416,545	1,521,611
Accrued Payroll	41,080	—	41,080
Accrued Interest Payable	—	28,381	28,381
Unearned Rental Revenue	—	24,909	24,909
Member Accounts Payable			
Village of Glen Ellyn	149,227	1,858	151,085
Village of Lombard	204,196	—	204,196
Current Portion of Long-Term Debt	32,337	573,180	605,517
Total Current Liabilities	531,906	2,044,873	2,576,779
Noncurrent Liabilities			
Compensated Absences Payable	128,849	—	128,849
FIP Loan Payable	—	16,199,444	16,199,444
Digester Loan Payable	—	2,122,081	2,122,081
Total Noncurrent Liabilities	128,849	18,321,525	18,450,374
Total Liabilities	660,755	20,366,398	21,027,153
DEFERRED INFLOWS OF RESOURCES			
Deferred Items - IMRF	818,225	—	818,225
Total Liabilities and Deferred Inflows of Resources	1,478,980	20,366,398	21,845,378
NET POSITION			
Net Investment in Capital Assets	—	33,603,245	33,603,245
Restricted	757,692	6,423,653	7,181,345
Total Net Position	757,692	40,026,898	40,784,590

GLENBARD WASTEWATER AUTHORITY, GLEN ELLYN, ILLINOIS

**Combining Statement of Revenues, Expenses, and Changes in Net Position
For the Fiscal Year Ended December 31, 2020**

	Operating Sub-Fund	Equipment Maintenance Sub-Fund	Totals
Operating Revenues			
Charges for Services	\$ 4,248,925	3,641,050	7,889,975
Operating Expenses			
Personnel Services	1,738,147	—	1,738,147
IMRF Pension Expense	(228,113)	—	(228,113)
Contractual Services			
Maintenance	446,436	—	446,436
Service Charge	134,228	—	134,228
Sludge Removal	217,405	—	217,405
Utilities	618,717	—	618,717
Insurance	397,787	—	397,787
Other	184,036	521	184,557
Commodities	511,190	—	511,190
Maintenance of Capital Facilities and Equipment	—	4,351,098	4,351,098
Less: Capital Outlay	—	(3,913,914)	(3,913,914)
Depreciation	—	2,453,593	2,453,593
Total Operating Expenses	4,019,833	2,891,298	6,911,131
Operating Income	229,092	749,752	978,844
Nonoperating Revenues (Expenses)			
Surplus Contributions	—	181,469	181,469
Connection Fees	—	142,566	142,566
Enernoc Demand Response	—	19,631	19,631
Leachate Revenues	—	159,075	159,075
Fats, Oil & Grease Waste Fees	—	105,174	105,174
Cell Tower Revenues	—	57,157	57,157
Other Income	—	46,852	46,852
Sale of Capital Assets	—	(61,433)	(61,433)
Investment Income	(979)	37,937	36,958
Interest Expense	—	(686,968)	(686,968)
	(979)	1,460	481
Change in Net Position	228,113	751,212	979,325
Net Position - Beginning	529,579	39,275,686	39,805,265
Net Position - Ending	757,692	40,026,898	40,784,590

GLENBARD WASTEWATER AUTHORITY, GLEN ELLYN, ILLINOIS

**Combining Statement of Cash Flows
For the Fiscal Year Ended December 31, 2020**

	Operating Sub-Fund	Equipment Maintenance Sub-Fund	Totals
Cash Flows from Operating Activities			
Receipts from Customers and Villages	\$ 4,279,945	5,024,054	9,303,999
Payments to Employees	(1,510,034)	—	(1,510,034)
Payments to Suppliers	(2,609,649)	(310,586)	(2,920,235)
	160,262	4,713,468	4,873,730
Cash Flows from Capital and Related Financing Activities			
Purchase of Capital Assets	—	(4,337,395)	(4,337,395)
Interest Expense	—	(686,968)	(686,968)
Payment of Principal	—	(884,667)	(884,667)
Loan Proceeds	—	1,322,445	1,322,445
	—	(4,586,585)	(4,586,585)
Cash Flows from Investing Activities			
Investment Income	(979)	37,937	36,958
Net Change in Cash and Cash Equivalents	159,283	164,820	324,103
Cash and Cash Equivalents			
Beginning	1,280,314	7,577,300	8,857,614
Ending	1,439,597	7,742,120	9,181,717
Reconciliation of Operating Income to Net Cash Provided (Used) by Operating Activities			
Operating Income (Loss)	229,092	749,752	978,844
Adjustments to Reconcile Operating Income to Net Income to Net Cash			
Provided by (Used in) Operating Activities:			
Depreciation Expense	—	2,453,593	2,453,593
Other Income	—	711,924	711,924
Other Expense (Revenue) - IMRF	(228,113)	—	(228,113)
(Increase) Decrease in Current Assets	31,020	671,080	702,100
Increase (Decrease) in Current Liabilities	128,263	127,119	255,382
Net Cash Provided by Operating Activities	160,262	4,713,468	4,873,730

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, 2020

(with Comparative Information for the Fiscal Year Ended December 31, 2019)

	For the Fiscal Year Ended December 31, 2020		
	Budget	Actual	Variance Over (Under)
Operating Revenues			
Charges to Villages	\$ 4,592,094	4,248,925	(343,169)
Operating Expenses			
Personnel Services	1,797,543	1,738,147	(59,396)
IMRF Pension Expense	—	(228,113)	(228,113)
Contractual Services			
Maintenance	746,672	446,436	(300,236)
Service Charge	134,229	134,228	(1)
Sludge Removal	185,000	217,405	32,405
Utilities	591,200	618,717	27,517
Insurance	380,300	397,787	17,487
Other	229,650	184,036	(45,614)
Commodities	537,500	511,190	(26,310)
Total Operating Expenses	4,602,094	4,019,833	(582,261)
Operating Income (Loss)	(10,000)	229,092	239,092
Nonoperating Revenues			
Investment Income	10,000	(979)	(10,979)
Change in Net Position	—	228,113	228,113
Net Position - Beginning		529,579	
Net Position - Ending		757,692	

For the Fiscal Year Ended December 31, 2019		
Budget	Actual	Variance Over (Under)
\$ 4,435,940	4,244,218	(191,722)
1,728,690	1,700,843	(27,847)
—	63,511	63,511
637,625	521,820	(115,805)
131,725	131,726	1
195,000	193,648	(1,352)
607,800	692,316	84,516
373,100	397,451	24,351
460,700	206,622	(254,078)
311,300	442,487	131,187
4,445,940	4,350,424	(95,516)
(10,000)	(106,206)	(96,206)
10,000	42,695	32,695
—	(63,511)	(63,511)
	593,090	
	529,579	

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, 2020

(with Comparative Information for the Fiscal Year Ended December 31, 2019)

	For the Fiscal Year Ended December 31, 2020		
	Budget	Actual	Variance Over (Under)
Operating Revenues			
Charges to Villages	\$ 3,641,050	3,641,050	—
Operating Expenses			
Contractual			
Other	—	521	(521)
Maintenance of Capital Facilities and Equipment	8,301,434	4,351,098	(3,950,336)
Less: Capital Outlay	—	(3,913,914)	(3,913,914)
Depreciation	—	2,453,593	2,453,593
Total Operating Expenses	8,301,434	2,891,298	(5,411,178)
Operating Income (Loss)	(4,660,384)	749,752	5,411,178
Nonoperating Revenues (Expenses)			
Surplus Contributions	—	181,469	181,469
Connection Fees	50,000	142,566	92,566
Enernoc Demand Response	26,000	19,631	(6,369)
Leachate Revenues	117,000	159,075	42,075
Fats, Oil & Grease Waste Fees	75,000	105,174	30,174
Cell Tower Revenues	75,000	57,157	(17,843)
Other Income	1,000	46,852	45,852
Sale of Capital Assets	—	(61,433)	(61,433)
Investment Income	10,000	37,937	27,937
Interest Expense	(747,065)	(686,968)	60,097
Loan Proceeds	1,500,000	1,322,445	(177,555)
Digester Loan Principal	(559,115)	(559,115)	—
FIP Loan Principal	(325,552)	(325,552)	—
Less Items to Statement of Net Position	—	(437,778)	(437,778)
Total Nonoperating Revenues (Expenses)	222,268	1,460	(220,808)
Change in Net Position	<u>(4,438,116)</u>	751,212	<u>5,190,370</u>
Net Position - Beginning		<u>39,275,686</u>	
Net Position - Ending		<u>40,026,898</u>	

For the Fiscal Year Ended December 31, 2019		
Budget	Actual	Variance Over (Under)
\$ 3,535,000	3,535,000	—
—	—	—
8,266,000	4,884,441	(3,381,559)
—	(4,239,647)	(4,239,647)
—	2,464,158	2,464,158
8,266,000	3,108,952	(5,157,048)
(4,731,000)	426,048	5,157,048
—	449,410	449,410
90,000	299,462	209,462
25,000	23,494	(1,506)
120,000	215,063	95,063
50,000	99,009	49,009
53,000	54,958	1,958
1,000	20,464	19,464
—	(11,898)	(11,898)
15,000	139,792	124,792
(91,607)	(85,864)	5,743
2,500,000	3,052,714	552,714
(545,395)	(545,395)	—
—	—	—
—	(2,507,319)	(2,507,319)
2,216,998	1,203,890	(1,013,108)
<u>(2,514,002)</u>	1,629,938	<u>4,143,940</u>
	<u>37,645,748</u>	
	<u>39,275,686</u>	

GLENBARD WASTEWATER AUTHORITY, GLEN ELLYN, ILLINOIS

**Consolidated Year-End Financial Report
December 31, 2020**

CSFA #	Program Name	State	Federal	Other	Totals
532-60-0379	USEPA Drinking Water Revolving Funds	\$ 1,049,535	—	—	1,049,535
	Other Grant Programs and Activities	—	—	—	—
	All Other Costs Not Allocated	—	—	6,609,997	6,609,997
	Totals	1,049,535	—	6,609,997	7,659,532



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

May 17, 2021

The Honorable Chairman
Members of the Board of Directors
Glenbard Wastewater Authority
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 of the business-type activities, each major fund, and the aggregate remaining fund information of the Glenbard Wastewater Authority, Illinois, as of and for the year ended December 31, 2020, and the related notes to the financial statements, which collectively comprise the Authority's basic financial statements, and have issued our report thereon dated May 17, 2021.

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. According, 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 from 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 and 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*.

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 *Government 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

GLENBARD WASTEWATER AUTHORITY, GLEN ELLYN, ILLINOIS

Schedule of Comparative Flows - Last Ten Fiscal Years December 31, 2020 (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
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
2019	1,835,852	40.59%	2,686,639	59.41%	N/A	N/A	N/A	N/A
2020	1,770,908	40.72%	2,578,333	59.28%	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**Schedule of Allocation Costs****December 31, 2020 (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, 2020, not included elsewhere in the accompanying financial statements follows:

1. Total Water Flow

Participant	Glenbard Plant	
	Gallons (in 000's)	Percent
Village of Lombard	2,578,333	59.28%
Village of Glen Ellyn	1,770,908	40.72%
	<u>4,349,241</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, 2020, as follows:

	Operating Fund
Operating Revenue	
Amounts Billed Prior to Billing Adjustments	\$ 4,592,094
Other Revenues	(979)
Adjustment	<u>(343,169)</u>
Operating Revenue Applicable to Operating Expenses	<u>4,247,946</u>
Operating Expenses	
Personnel Services	1,738,147
Contractual Services	
Maintenance	446,436
Service Charge	134,228
Sludge Removal	217,405
Utilities	618,717
Insurance	397,787
Other	184,036
Commodities	<u>511,190</u>
Total Operating Expenses	<u>4,247,946</u>

GLENBARD WASTEWATER AUTHORITY, GLEN ELLYN, ILLINOIS

Schedule of Allocation Costs - Continued
December 31, 2020 (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:

Participant	Amount	Percent
Village of Lombard	\$ 2,518,283	59.28%
Village of Glen Ellyn	1,729,663	40.72%
	<u>4,247,946</u>	<u>100.00%</u>

C. The computation of the billing adjustment for the fiscal year ended December 31, 2020 follows:

	Village of Lombard	Village of Glen Ellyn	Totals
Charges			
Total Operating Expenses (Depreciation Excluded)	\$ 2,518,283	1,729,663	4,247,946
Equipment Replacement Reserve	1,989,292	1,651,758	3,641,050
Total Operating Charges	<u>4,507,575</u>	<u>3,381,421</u>	<u>7,888,996</u>
Amount Billed	4,711,045	3,522,099	8,233,144
Plus: Credit for Other Revenues Received	5,415	3,860	9,275
Revenues Available to Offset			
Operating Changes	<u>4,716,460</u>	<u>3,525,959</u>	<u>8,242,419</u>
Amount Due from (to) Villages	<u>(208,885)</u>	<u>(144,538)</u>	<u>(353,423)</u>

GLENBARD WASTEWATER AUTHORITY, GLEN ELLYN, ILLINOIS

Schedule of Allocation Costs - Continued
December 31, 2020 (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, 2020 are as follow:

	Village of Lombard	Village of Glen Ellyn	Totals
Amounts Due from (to) Villages			
Billing Adjustment for the Fiscal Year Ended December 31, 2020 (as shown the prior page)	\$ (208,885)	(144,538)	(353,423)
Billing Adjustments:			
July 2020 to December 2020	6,547	(6,547)	—
Cumulative Balance Due from (to) Villages*	(202,338)	(151,085)	(353,423)

*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, 2020	Receivable (Payable) December 31, 2019	Amount Received
Village of Lombard	\$ 4,711,045	(38,625)	(58,152)	4,614,268
Village of Glen Ellyn	3,522,099	68,648	(133,571)	3,457,176
	8,233,144	30,023	(191,723)	8,071,444



May 17, 2021

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, Illinois (the Authority), as of and for the year ended December 31, 2020, 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 no comments or 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.

A Management letter was not issued for the year ended December 31, 2020 and this information is intended solely for use by the Members of the Board of Directors, management, and others within the Authority.

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



May 17, 2021

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

We have audited the financial statements of the business-type activities, each major fund, and the aggregate remaining fund information of the Glenbard Wastewater Authority, Illinois for the year ended December 31, 2020. 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 May 17, 2021. 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, 2020. We noted no transactions entered into by the 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. Any material misstatements detected as a result of audit procedures were corrected by management.

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 May 17, 2021.

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 other supplementary information, 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 Members 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 Members of 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

RAS PUMP STATION REHABILITATION PARTS PURCHASE APPROVAL

MEMORANDUM

TO: Matt Streicher – Executive Director
FROM: Rick Freeman – Electrical Superintendent
DATE: July 15, 2021
RE: RAS Pump Station Rehabilitation



I am seeking purchase approval for budgeted replacement of equipment with regards to the Return Activated Sludge (RAS) Pump Station Rehabilitation. As part of the rehabilitation efforts, we are looking to replace five of the existing six valve actuators (the sixth one was deemed by staff as no longer needed due to prior modifications of the “Carbo Waste” piping/pumping. These valve actuators were placed in service during the 1977 expansion, and are well past their serviceable life. Also, as part of this rehabilitation, we are looking to replace eight magnetic flow meters.

These valve actuators/magnetic flow meters control & monitor flows of Final Clarifier Return Activated Sludge, Primary/Secondary Thickened Sludge, Carbo Waste, Thickener Freshening, and Secondary WAS

Replacement quotes were solicited/received for valve actuators in the amount of **\$23,390.69** from **Swanson Flow** & \$29,736.00 from Action Automation, and for magnetic flow meters in the amount of **\$37,673.24** from ABB, for a total of **\$61,063.93**. We will have some additional costs for installing new conduit/wire, breakers, etc., but those costs will be substantially less than the \$118,936.07 remaining (of the \$180,000 budgeted), which will be utilized for valve rebuilds, and Final RAS Header Piping replacement.

Magnetic Flow Meter Quotes

- Swanson Flow **\$23,390.69** (include a \$6,000 credit for existing valve actuator bodies)
- Action Automation \$29,736.00

Magnetic Flow Meter Quotes

- ABB **\$37,673.24** (sole source quote, only a single local vendor represents/sells this product)

This work will all be accomplished with a combination of electrical and mechanical in-house staff, which are highly competent, and will save the Authority considerable dollars versus utilizing an outside contractor.

Please note this rehabilitation process was brought before the Technical Advisory Committee where it was thoroughly vetted/approved.

Funds for the purchase of this equipment have been included in the CY-21 Capital Budget specifically **Capital Improvement Projects - “RAS Pump Station Rehabilitation” Fund 40**, in the amount of \$180,000

We are requesting to waive competitive bidding for this purchase based on Section C.1.f of the purchasing policy, which waives competitive bidding for “Standardization purchases, defined as technical nature of certain items or services may result in the standardization of a particular supplier’s specifications being necessary or desirable to Village operations. Competitive bidding may be waived if the Village requires compatibility with existing software, machinery, or other existing equipment.”

The Authority recommends the EOC authorize the Authority to approve the purchase of five valve actuators from SwansonFlo in the amount of \$23,390.69 and eight magnetic meters from ABB in the amount of \$37,673.24.



151 Cheshire Lane N, Suite 700
Plymouth, MN 55441
Phone 763-383-4700 Fax 763-383-4772

QUOTATION

Quote Expires On 6/12/2021

Quote Number	
1294192	
Quote Date	Page
5/13/2021	1 of 2

Bill To:

Glenbard Wastewater Authority
21W556 Bemis Rd
Glen Ellyn, IL 60137

Ship To:

Glenbard Wastewater Authority
21W556 Bemis Rd
Glen Ellyn, IL 60137

Customer ID: 1032521

Requested By: Joe Solita

Customer Reference / RFQ #					Quoted By				
Pump & Metering Actuators					SANDY.SUTHERLAND				
Quantities				Item ID				Unit Price	Extended Price
Quantity	Allocated	Remaining	Unit Of Measure	Item Description					

Delivery Instructions:

Freight: PP&A or Collect

Estimated Delivery: 12 - 14 weeks ARO, subject to prior sales.

1.00	0.00	1.00	EA	SWANSON FLO ACTUATOR ASSY	5340.64	5340.64
				INCLUDES:		
				LIMITORQUE		
				QX-2, WP		
				120V SINGLE PHASE		
				MODULATING, APT, OA		
				BORE AND KEYED STEM NUT		
				WITH ADAPTION TO 10" VALVE		
4.00	0.00	4.00	EA	SWANSON FLO ACTUATOR ASSY	6012.51	24050.05
				INCLUDES:		
				LIMITORQUE		
				QX-4, WP		
				120V SINGLE PHASE		
				MODULATING, APT, OA		
				BORE AND KEYED STEM NUT		
				WITH ADAPTION TO 18" VALVE		

QUOTATION

Quote Expires On 6/12/2021

Quote Number	
1294192	
Quote Date	Page
5/13/2021	2 of 2

Quantities				Item ID	Unit Price	Extended Price
Quantity	Allocated	Remaining	Unit Of Measure	Item Description		

Total Lines: 2

SUB-TOTAL: 29,390.69

TAX: 0.00

MISCELLANEOUS PARTS CREDITS: -6,000.00

AMOUNT DUE: **23,390.69**

NOTE: Modified valves are non-returnable/non-cancellable.

All freight claims and discrepancies must be brought to the shipper's attention within 24 hours of receipt of product.

All returns must have prior approval. All returns are subject to a minimum 25% restock fee.

Decontamination forms must be completed and signed by the customer before return of product to Swanson Flo.

Every sale of goods or performance of services by Swanson Flo, Co. is exclusively subject to, and expressly conditioned upon, your acceptance of the terms in this Order Acknowledgement and Swanson's Terms and Conditions, which are available at <https://swansonflo.com/termsandconditions> and made a part of this agreement as if fully set forth herein. Acceptance of goods or services shall constitute conclusive acceptance of Swanson Flo's Terms and Conditions. Any proposed terms and conditions that purport to conflict with, alter, differ from, or add to Swanson Flo's Terms and Conditions are hereby specifically objected to and are not a part of any order or agreement unless specifically agreed to in a signed writing by an authorized representative of Swanson Flo, Co.

Credit Card Convenience Notice: A convenience fee of 3% will be charged for each credit card transaction processed.



May 14, 2021

Joe Solita
Glenbard Wastewater Authority
21 W 551 Bemis Road
Glen Ellyn, IL 60137

Dear Joe:

Edit to quantity of 1 due to CRAS piping
modifications previously made

Here is a quotation for Action Automation to furnish Limatorque QX actuators for use on existing Allis Chalmers Butterfly valves on the pump metering system at GWA. Here are the details of our offer.

The thickener Fresh and RAS Waste valves would require:

- (2) Limatorque QX-1-5-20 second closing time electric actuator, 1/220/60 or 1/110/60 power, NEMA IV WP enclosure, set up for modulating service with the ability to read an incoming 4-20 mA input signal, an APT card to provide a 4-20 mA feedback signal, torque sensors for both the opened and closed directions, a solid state motor controller, 32-character LCD display/position indication calibration and diagnostic screens with indicating lights, (4) OA status contacts and 1 monitor relay, an absolute encoder for limit sensing, 120 VAC control power, a declutchable handwheel, an FA10 mounting base, a transition mounting plate, and a machined stem nut to fit the existing Allis Chalmers butterfly valve stems.

The cost: \$6,486.00 ea. Delivery is 3-4 weeks at current stocking levels, FOB Alsip, IL. Freight Collect. Availability is subject to prior sale. The weight of this actuator is 45 lbs.

All of the Final RAS 18" Allis Chalmers Butterfly Valves would require:

- (4) Limatorque QX-4-30 to 120 second closing time electric actuator, 1/220/60 power, NEMA IV WP enclosure, set up for modulating service with the ability to read an incoming 4-20 mA input signal, an APT card to provide a 4-20 mA feedback signal, torque sensors for both the opened and closed directions, a solid state motor controller, 32-character LCD display/position indication calibration and diagnostic screens with indicating lights, (4) OA status contacts and 1 monitor relay, an absolute encoder for limit sensing, 120 VAC control power, a declutchable handwheel, an FA14 mounting base, a transition mounting plate, and a machined stem nut to fit the existing Allis Chalmers butterfly valve stems.

The cost: \$7,434.00 ea. Delivery is 3-4 weeks at current stocking levels, FOB Alsip, IL. Freight Collect. Availability is subject to prior sale. The weight of these actuators is 80 lbs. See the attached outline drawing and wiring diagram for your review. Please call if you have any questions, or if you require more information.



Sincerely,

Ed Craven
Senior Industry Advisor
Action Automation, #2666
A Wolseley Industrial Company



c/o Berg-Johnson



Quotation# 570553

Date: 5/13/2021

Requested By: BERG JOHNSON ASSOCIATES

Address: 1000 WESTGATE DRIVE, SUITE 151

City, State & Zip: SAINT PAUL, MN 55114

Phone: 312.778.0298

By: Austin Smith, austin@berg-johnson.com

Quote Validity: 11/13/2021

Payment Terms:30 Days net

Shipping Leadtime: See Options Below

FOB Point: Origin

Freight Charges:Ex Works

Terms & Conditions: Per attached ABB General Terms & Conditions

Your Inquiry:Mag Meter Replacements

End User:Glenbard WWA

Line	Quantity	Product Code	Lead Time	Unit Price(USD)	Extended Price(USD)
100	4	FEP632.F2.A2.0250.A1.T1.B.1.D.0.C.70. Y.0.Y0.A-.....CRA.....SCA	15	6,142.72	24,570.88
200	3	FEP632.F2.A2.0100.A1.T1.B.1.D.0.C.70. Y.0.Y0.A-.....CRA.....SCA	15	3,368.77	10,106.31
300	1	FEP632.F2.A2.0050.A1.T1.B.1.D.0.C.70. Y.0.Y0.A-.....CRA.....SCA	15	2,996.05	2,996.05
TOTAL:					37,673.24



c/o Berg-Johnson



Quotation# 570553

SECTION (B)

Item 100

ProcessMaster FEP632 Electromagnetic Flowmeter system, remote mount

Code	Quantity	Unit Price	Total Price
FEP632.F2.A2.0250.A1.T1.B.1.D.0.C.70.Y.0.Y0. A-.....CRA.....SCA	4	6,142.72	24,570.88

Complete With

FET632

FEP632

- Explosion Protection Certification	F2	cFMus Class 1 Div. 2 (Zone 2 / 21)
- Housing Type / Housing Material / Cable Glands	A2	Remote / Aluminum / NPT 1/2 in.
- Meter Size	0250	DN 250 (10 in.)
- Process Connection Type	A1	Flanges ASME CL 150 B16.5 up to DN 600, B16.47 series B > DN 600
- Liner Material	T1	PTFE
- Process Connection Material	B	Carbon steel
- Electrode Design	1	Standard
- Measuring Electrodes Material	D	Alloy C-4 (2.4610)
- Grounding Electrode / Full Pipe Detection	0	No grounding electrode / No full pipe detection
- Grounding Accessories	C	Grounding ring (2 off), mounted to flange
- Protection Class Transmitter / Protection Class Sensor	70	IP 67 / IP 67
- Power Supply	Y	Without
- Display	0	Without
- Outputs	Y0	Without
- Design Level	A	Design Level A
- Other Usage Certifications	CRA	Standard (Without PED)
- Signal Cable	SCA	50 m (approx. 164 ft)

Complete With

FET632

Electromagnetic Flowmeter, remote transmitter FET632 , for ProcessMaster / HygienicMaster 630 series

- Explosion Protection Certification	Y0	Without
- Housing Type / Housing Material / Cable Glands	F2	Field-mount / Single compartment / Aluminium / NPT 1/2 in.
- Protection Class Transmitter / Protection Class Sensor	70	IP 67 / IP 67



c/o Berg-Johnson



Quotation# 570553

- Power Supply	C	100 ... 230 V AC, 60 Hz
- Display	2	Display with Keypad
- Outputs	G0	1 Current output (active or passive), 2 Digital Outputs (passive), HART
- Transmitter Software Function Package	NFS	Standard



c/o Berg-Johnson



Quotation# 570553

SECTION (B)

Item 200

ProcessMaster FEP632 Electromagnetic Flowmeter system, remote mount

Code	Quantity	Unit Price	Total Price
FEP632.F2.A2.0100.A1.T1.B.1.D.0.C.70.Y.0.Y0. A-.....CRA.....SCA	3	3,368.77	10,106.31

Complete With

FET632

FEP632

- Explosion Protection Certification	F2	cFMus Class 1 Div. 2 (Zone 2 / 21)
- Housing Type / Housing Material / Cable Glands	A2	Remote / Aluminum / NPT 1/2 in.
- Meter Size	0100	DN 100 (4 in.)
- Process Connection Type	A1	Flanges ASME CL 150 B16.5 up to DN 600, B16.47 series B > DN 600
- Liner Material	T1	PTFE
- Process Connection Material	B	Carbon steel
- Electrode Design	1	Standard
- Measuring Electrodes Material	D	Alloy C-4 (2.4610)
- Grounding Electrode / Full Pipe Detection	0	No grounding electrode / No full pipe detection
- Grounding Accessories	C	Grounding ring (2 off), mounted to flange
- Protection Class Transmitter / Protection Class Sensor	70	IP 67 / IP 67
- Power Supply	Y	Without
- Display	0	Without
- Outputs	Y0	Without
- Design Level	A	Design Level A
- Other Usage Certifications	CRA	Standard (Without PED)
- Signal Cable	SCA	50 m (approx. 164 ft)

Complete With

FET632

Electromagnetic Flowmeter, remote transmitter FET632 , for ProcessMaster / HygienicMaster 630 series

- Explosion Protection Certification	Y0	Without
- Housing Type / Housing Material / Cable Glands	F2	Field-mount / Single compartment / Aluminium / NPT 1/2 in.
- Protection Class Transmitter / Protection Class Sensor	70	IP 67 / IP 67



c/o Berg-Johnson



Quotation# 570553

- Power Supply	C	100 ... 230 V AC, 60 Hz
- Display	2	Display with Keypad
- Outputs	G0	1 Current output (active or passive), 2 Digital Outputs (passive), HART
- Transmitter Software Function Package	NFS	Standard



c/o Berg-Johnson



Quotation# 570553

SECTION (B)

Item 300

ProcessMaster FEP632 Electromagnetic Flowmeter system, remote mount

Code	Quantity	Unit Price	Total Price
FEP632.F2.A2.0050.A1.T1.B.1.D.0.C.70.Y.0.Y0. A-.....CRA.....SCA	1	2,996.05	2,996.05

Complete With

FET632

FEP632

- Explosion Protection Certification	F2	cFMus Class 1 Div. 2 (Zone 2 / 21)
- Housing Type / Housing Material / Cable Glands	A2	Remote / Aluminum / NPT 1/2 in.
- Meter Size	0050	DN 50 (2 in.)
- Process Connection Type	A1	Flanges ASME CL 150 B16.5 up to DN 600, B16.47 series B > DN 600
- Liner Material	T1	PTFE
- Process Connection Material	B	Carbon steel
- Electrode Design	1	Standard
- Measuring Electrodes Material	D	Alloy C-4 (2.4610)
- Grounding Electrode / Full Pipe Detection	0	No grounding electrode / No full pipe detection
- Grounding Accessories	C	Grounding ring (2 off), mounted to flange
- Protection Class Transmitter / Protection Class Sensor	70	IP 67 / IP 67
- Power Supply	Y	Without
- Display	0	Without
- Outputs	Y0	Without
- Design Level	A	Design Level A
- Other Usage Certifications	CRA	Standard (Without PED)
- Signal Cable	SCA	50 m (approx. 164 ft)

Complete With

FET632

Electromagnetic Flowmeter, remote transmitter FET632 , for ProcessMaster / HygienicMaster 630 series

- Explosion Protection Certification	Y0	Without
- Housing Type / Housing Material / Cable Glands	F2	Field-mount / Single compartment / Aluminium / NPT 1/2 in.
- Protection Class Transmitter / Protection Class Sensor	70	IP 67 / IP 67



c/o Berg-Johnson



Quotation# 570553

- Power Supply	C	100 ... 230 V AC, 60 Hz
- Display	2	Display with Keypad
- Outputs	G0	1 Current output (active or passive), 2 Digital Outputs (passive), HART
- Transmitter Software Function Package	NFS	Standard



c/o Berg-Johnson



Quotation# 570553

MEASUREMENT & ANALYTICS

Start-up and commissioning services

Extend your warranty 12 months when ABB commissions your instruments.

Getting started

ABB offers start up and commissioning services for customers. When you purchase ABB instruments from one of our representatives, ask for an explanation and a quote on our start-up and commissioning services. Our partners will examine the scope of the project and recommend an appropriate level of service.

Extended 12-month warranty

Whether commissioning one instrument or many, we guarantee our service work. We're here to stand by you for the long term and will extend your warranty 12 months when ABB commissions your instruments. Products and services from ABB Instrumentation have attained ISO-9001 quality certification – evidence of our commitment to excellence.

Cost-effective service packages

We'll plan and recommend a level of service tailored to meet your specific requirements. Service levels range from commissioning of single instruments and control loops to local process area turnarounds and plant-wide installations.

Highly trained and skilled field engineers

ABB field service engineers know instrumentation inside and out. They are fully trained on all the latest technology and instrumentation products. In addition, they have the following value-added skills:

- Cross-trained in mechanics, electronics, and communications
- Some have ISA technician certifications and boiler operating licenses.
- Have passed OSHA10 safety training

Getting the job done right

You can rely on ABB start-up and commissioning specialists to:

- Arrive on-time and equipped with the proper tools, safety equipment, and configuration devices
- Check for proper electrical, mechanical, and piping installation
- Verify instrument calibration and range settings
- Download and set up instrument configuration parameters
- Safely energize the system to ensure proper operation, including protective devices
- Check, tune, and troubleshoot control loops
- Explain operation and maintenance requirements to your staff
- Provide necessary instrument, safety, and system

Sensors, transmitters, and analyzers

ABB field engineers have the training and skills to work with a wide range of instruments:

- Flow: differential pressure, electromagnetic, vortex, swirl, Coriolis mass, variable area, turbine.
- Pressure: absolute, gauge, remote seals.
- Temperature: thermocouple, rtd, filled bulb, thermistors.
- Level: capacitance, float, ultrasonic, differential pressure.
- Final control devices: positioners and pneumatic & electric actuators



c/o Berg-Johnson



Quotation# 570553

- I/P transducers
- Controllers: single-loop, multiple loop, PLCs
- Recorders: circular chart, strip chart, video graphic
- Analyzers: pH/ORP, conductivity, dissolved oxygen, hydrazine, turbidity, sodium, silica & phosphate, manganese, water hardness, UV organics, in situ oxygen, SMA oxygen & COe, hydrogen purity.

Start up and commissioning services quote will include:

1. Number of Field Service Engineers (FSEs) and days of work required to perform commissioning/training/startup to ensure consistent reliable operation.
2. Travel expenses associated with service to be performed during the normal business hours of 8:00am to 5:00 pm (local time), during the normal work week, Monday through Friday.
3. Seller will supply all labor, tools, materials, equipment, insurance, and supervision necessary to perform the commissioning and startup for ABB equipment.
4. During service visit, Seller will perform all required and/or necessary equipment calibration checks, calibration corrections and quality assurance activities as required by OEM.
5. Seller will perform interrogation checks on instrumentation to provide accurate information concerning the condition of the complete system.
6. Seller will provide Toolbox training during the service.
7. All service activities will be documented and in a written field service report will be provided, and discussed as necessary, prior to leaving the site. The field service report will also document any recommended component replacements and a list of parts used.
8. All other requires and out of the scope works will be billed in accordance with the current ABB Commercial Rates for Time & Material Services
9. No modifications will be made to any part of the system without prior written approval by the Buyer.

Buyer's responsibilities include, but are not limited to:

1. Providing safe access to the equipment locations. General cleaning of areas as necessary.
2. Maintaining all necessary plant signals to and from an equipment.
3. If required, providing a properly trained person to accompany the FSE.
4. Maintaining any spare parts as identified by Seller and provide spare parts list. Service delays resulting from a lack of consumables or critical spare parts will be considered out of scope and billed in accordance with the ABB Commercial rates for Time & Material Services.
5. Consumable and critical spare parts can be purchased from the ABB Channel Partners in that region.
6. Items not covered in this proposal include items damaged as a result of running an equipment in a manner not consistent with normal usual, plant accidents or acts of nature.



c/o Berg-Johnson



Quotation# 570553

ABB INC. GENERAL TERMS AND CONDITIONS OF SALE

1. General. The terms and conditions contained herein, together with any additional or different terms contained in ABB's Proposal, if any, submitted to Purchaser (which Proposal shall control over any conflicting terms), constitute the entire agreement (the "Agreement") between the parties with respect to the order and supersede all prior communications and agreements regarding the order. Acceptance by ABB of the order, or Purchaser's acceptance of ABB's Proposal, is expressly limited to and conditioned upon Purchaser's acceptance of these terms and conditions, payment for or acceptance of any performance by ABB being acceptance. These terms and conditions may not be changed or superseded by any different or additional terms and conditions proposed by Purchaser to which terms ABB hereby objects. Unless the context otherwise requires, the term "Equipment" as used herein means all of the equipment, parts, accessories sold, and all software and software documentation, if any, licensed to Purchaser by ABB ("Software") under the order. Unless the context otherwise requires, the term "Services" as used herein means all labor, supervisory, technical and engineering, installation, repair, consulting or other services provided by ABB under the order. As used herein, the term "Purchaser" shall include the initial end use of the Equipment and/or services; provided, however, that Paragraph 13(a) shall apply exclusively to the initial end user.
2. Prices.
 - (a) Unless otherwise specified in writing, all Proposals expire thirty (30) days from the date thereof.
 - (b) Unless otherwise stated herein, Services prices are based on normal business hours (8 a.m. to 5 p.m. Monday through Friday). Overtime and Saturday hours will be billed at one and one-half (1 1/2) times the hourly rate; and Sunday hours will be billed at two (2) times the hourly rate; holiday hours will be billed at three (3) times the hourly rate. If a Services rate sheet is attached hereto, the applicable Services rates shall be those set forth in the rate sheet. Rates are subject to change without notice.
 - (c) The price does not include any federal, state or local property, license, privilege, sales, use, excise, gross receipts, or other like taxes which may now or hereafter be applicable. Purchaser agrees to pay or reimburse any such taxes which ABB or its suppliers are required to pay or collect. If Purchaser is exempt from the payment of any tax or holds a direct payment permit, Purchaser shall, upon order placement, provide ABB a copy, acceptable to the relevant governmental authorities of any such certificate or permit.
 - (d) The price includes customs duties and other importation or exportation fees, if any, at the rates in effect on the date of ABB's Proposal. Any change after that date in such duties, fees, or rates, shall increase the price by ABB's additional cost.
3. Payment.
 - (a) Unless specified to the contrary in writing by ABB, payment terms are net cash, payable without offset, in United States Dollars, 30 days from date of invoice by wire transfer to the account designated by ABB in the Proposal.
 - (b) If in the judgment of ABB the financial condition of Purchaser at any time prior to delivery does not justify the terms of payment specified, ABB may require payment in advance, payment security satisfactory to ABB, or may terminate the order, whereupon ABB shall be entitled to receive reasonable cancellation charges. If delivery is delayed by Purchaser, payment shall be due on the date ABB is prepared to make delivery. Delays in delivery or nonconformities in any installments delivered shall not relieve Purchaser of its obligation to accept and pay for remaining installments.
 - (c) Purchaser shall pay, in addition to the overdue payment, a late charge equal to the lesser of 1 1/2% per month or any part thereof or the highest applicable rate allowed by law on all such overdue amounts plus ABB's attorneys' fees and court costs incurred in connection with collection.
4. Changes.
 - (a) Any changes requested by Purchaser affecting the ordered scope of work must be accepted by ABB and resulting adjustments to affected provisions, including price, schedule, and guarantees mutually agreed in writing prior to implementation of the change.
 - (b) ABB may, at its expense, make such changes in the Equipment or Services as it deems necessary, in its sole discretion, to conform the Equipment or Services to the applicable specifications. If Purchaser objects to any such changes, ABB shall be relieved of its obligation to conform to the applicable specifications to the extent that conformance may be affected by such objection.
5. Delivery.
 - (a) All Equipment manufactured, assembled or warehoused in the continental United States is delivered F.O.B. point of shipment. Equipment shipped from outside the continental United States is delivered F.O.B. United States port of entry. Purchaser shall be responsible for any and all demurrage or detention charges.
 - (b) If the scheduled delivery of Equipment is delayed by Purchaser or by Force Majeure, ABB may move the Equipment to storage for the account of and at the risk of Purchaser whereupon it shall be deemed to be delivered.
 - (c) Shipping and delivery dates are contingent upon Purchaser's timely approvals and delivery by Purchaser of any documentation required for ABB's performance hereunder.
 - (d) Claims for shortages or other errors in delivery must be made in writing to ABB within ten days of delivery. Equipment may not be returned except with the prior written consent of and subject to terms specified by ABB. Claims for damage after delivery shall be made directly by Purchaser with the common carrier.
6. Title & Risk of Loss. Except with respect to Software (for which title shall not pass, use being licensed) title to Equipment shall remain in ABB until fully paid for. Notwithstanding any agreement with respect to delivery terms or payment of transportation charges, risk of loss or damage shall pass to Purchaser upon delivery.
7. Inspection, Testing and Acceptance.
 - (a) Any inspection by Purchaser of Equipment on ABB's premises shall be scheduled in advance to be performed during normal working hours.
 - (b) If the order provides for factory acceptance testing, ABB shall notify Purchaser when ABB will conduct such testing prior to shipment. Unless Purchaser states specific objections in writing within ten (10) days after completion of factory acceptance testing, completion of the acceptance test constitutes Purchaser's factory acceptance of the Equipment and its authorization for shipment.
 - (c) If the order provides for site acceptance testing, testing will be performed by ABB personnel to verify that the Equipment has arrived at site complete, without physical damage, and in good operating condition. Completion of site acceptance testing constitutes full and final acceptance of the Equipment. If, through no fault of ABB, acceptance testing is not completed within thirty (30) days after arrival of the Equipment at the site, the site acceptance test shall be deemed completed and the Equipment shall be deemed accepted.
8. Warranties and Remedies.
 - (a) Equipment and Services Warranty. ABB warrants that Equipment (excluding Software, which is warranted as specified in paragraph (d) below) shall be delivered free of defects in material and workmanship and that Services shall be free of defects in workmanship. The Warranty Remedy Period for Equipment (excluding Software, Spare Parts and Refurbished or Repaired Parts) shall end twelve (12) months after installation or eighteen (18) months after date of shipment, whichever first occurs. The Warranty Remedy Period for new spare parts shall end twelve (12) months after date of shipment. The Warranty Remedy Period for refurbished or repaired parts shall end ninety (90) days after date of shipment. The Warranty Remedy Period for Services shall end ninety (90) days after the date of completion of Services.
 - (b) Equipment and Services Remedy. If a nonconformity to the foregoing warranty is discovered in the Equipment or Services during the applicable Warranty Remedy Period, as specified above, under normal and proper use and provided the Equipment has been properly stored, installed, operated and maintained and written notice of such nonconformity is provided to ABB promptly after such discovery and within the applicable Warranty Remedy Period, ABB shall, at its option, either (i) repair or replace the nonconforming portion of the Equipment or re-perform the nonconforming Services or (ii) refund the portion of the price applicable to the nonconforming portion of Equipment or Services. If any portion of the Equipment or Services so repaired, replaced or re-performed fails to conform to the foregoing warranty, and written notice of such nonconformity is provided to ABB promptly after discovery and within the original Warranty Remedy Period applicable to such Equipment or Services or 30 days from completion of such repair, replacement or re-performance, whichever is later, ABB will repair or replace such nonconforming Equipment or re-perform the nonconforming Services. The original Warranty Remedy Period shall not otherwise be extended.
 - (c) Exceptions. ABB shall not be responsible for providing working access to the nonconforming Equipment, including disassembly and re-assembly of non-ABB supplied equipment, or for providing transportation to or from any repair facility, all of which shall be at Purchaser's risk and expense. ABB shall have no obligation hereunder with respect to any Equipment which (i) has been improperly repaired or altered; (ii) has been subjected to misuse, negligence or accident; (iii) has been used in a manner contrary to ABB's instructions; (iv) is comprised of materials provided by or a design specified by Purchaser; or (v) has failed as a result of ordinary wear and tear. Equipment supplied by ABB but manufactured by others is warranted only to the extent of the manufacturer's warranty, and only the remedies, if any, provided by the manufacturer will be allowed.
 - (d) Software Warranty and Remedies. ABB warrants that, except as specified below, the Software will, when properly installed, execute in accordance with ABB's published specification. If a nonconformity to the foregoing warranty is discovered during the period ending one (1) year after the date of shipment and written notice of such nonconformity is provided to ABB promptly after such discovery and within that period, including a description of the nonconformity and complete information about the manner of its discovery, ABB shall correct the nonconformity by, at its option, either (i) modifying or making available to the Purchaser instructions for modifying the Software; or (ii) making available at ABB's facility necessary corrected or replacement programs. ABB shall have no obligation with respect to any nonconformities resulting from (i) unauthorized modification of the Software or (ii) Purchaser-supplied software or interfacing. ABB does not warrant that the functions contained in the software will operate in combinations which may be selected for use by the Purchaser, or that the software products are free from errors in the nature of what is commonly categorized by the computer industry as "bugs".
 - (e) THE FOREGOING WARRANTIES ARE EXCLUSIVE AND IN LIEU OF ALL OTHER WARRANTIES OF QUALITY AND PERFORMANCE, WHETHER WRITTEN, ORAL OR IMPLIED, AND ALL OTHER WARRANTIES INCLUDING ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR USAGE OF TRADE ARE HEREBY DISCLAIMED. THE REMEDIES STATED HEREIN CONSTITUTE PURCHASER'S EXCLUSIVE REMEDIES AND ABB'S ENTIRE LIABILITY FOR ANY BREACH OF WARRANTY.
9. Patent Indemnity.
 - (a) ABB shall defend at its own expense any action brought against Purchaser alleging that the Equipment or the use of the Equipment to practice any process for which such Equipment is specified by ABB (a "Process") directly infringes any claim of a patent of the United States of America and to pay all damages and costs finally awarded in any such action, provided that Purchaser has given ABB prompt written notice of such action, all necessary assistance in the defense thereof and the right to control all aspects of the defense thereof including the right to settle or otherwise terminate such action in behalf of Purchaser.
 - (b) ABB shall have no obligation hereunder and this provision shall not apply to: (i) any other equipment or processes, including Equipment or Processes which have been modified or combined with other equipment or process not supplied by ABB; (ii) any Equipment or Process supplied according to a design, other than an ABB design, required by Purchaser; (iii) any products manufactured by the Equipment or Process; (iv) any patent issued after the date hereof; or (v) any action settled or otherwise terminated without the prior written consent of ABB.
 - (c) If, in any such action, the Equipment is held to constitute an infringement, or the practice of any Process using the Equipment is finally enjoined, ABB shall, at its option and its own expense, procure for Purchaser the right to continue using said Equipment; or modify or replace it with non-infringing equipment or, with Purchaser's assistance, modify the Process so that it becomes non-infringing; or remove it and refund the portion of the price allocable to the infringing Equipment. THE FOREGOING PARAGRAPHS STATE THE ENTIRE LIABILITY OF ABB AND EQUIPMENT MANUFACTURER FOR ANY PATENT INFRINGEMENT.
 - (d) To the extent that said Equipment or any part thereof is modified by Purchaser, or combined by Purchaser with equipment or processes not furnished hereunder (except to the extent that ABB is a contributory infringer) or said Equipment or any part thereof is used by Purchaser to perform a process not furnished hereunder by ABB or to produce an article, and by reason of said modification, combination, performance or production, an action is brought against ABB, Purchaser shall defend and indemnify ABB in the same manner and to the same extent that ABB would be obligated to indemnify Purchaser under this "Patent Indemnity" provision.
10. Limitation of Liability.
 - (a) In no event shall ABB, its suppliers or subcontractors be liable for special, indirect, incidental or consequential damages, whether in contract, warranty, tort, negligence, strict liability or otherwise, including, but not limited to, loss of profits or revenue, loss of use of the Equipment or any associated equipment, cost of capital, cost of substitute equipment, facilities or services, downtime costs, delays, and claims of



c/o Berg-Johnson



Quotation# 570553

customers of the Purchaser or other third parties for any damages. ABB's liability for any claim whether in contract, warranty, tort, negligence, strict liability, or otherwise for any loss or damage arising out of, connected with, or resulting from this Agreement or the performance or breach thereof, or from the design, manufacture, sale, delivery, resale, repair, replacement, installation, technical direction of installation, inspection, operation or use of any equipment covered by or furnished under this Agreement, or from any services rendered in connection therewith, shall in no case (except as provided in the section entitled "Patent Indemnity") exceed one-half (1/2) of the purchase price allocable to the Equipment or part thereof or Services which gives rise to the claim.

(b) All causes of action against ABB arising out of or relating to this Agreement or the performance or breach hereof shall expire unless brought within one year of the time of accrual thereof.

(c) In no event, regardless of cause, shall ABB be liable for penalties or penalty clauses of any description or for indemnification of Purchaser or others for costs, damages, or expenses arising out of or related to the Equipment and/Services.

11. Laws and Regulations. ABB does not assume any responsibility for compliance with federal, state or local laws and regulations, except as expressly set forth herein, and compliance with any laws and regulations relating to the operation or use of the Equipment or Software is the sole responsibility of the Purchaser. All laws and regulations referenced herein shall be those in effect as of the Proposal date. In the event of any subsequent revisions or changes thereto, ABB assumes no responsibility for compliance therewith. If Purchaser desires a modification as a result of any such change or revision, it shall be treated as a change per Article 4. Nothing contained herein shall be construed as imposing responsibility or liability upon ABB for obtaining any permits, licenses or approvals from any agency required in connection with the supply, erection or operation of the Equipment. This Agreement shall be governed by the laws of the State of New York, but excluding the provisions of the United Nations Convention on Contracts for the International Sale of Goods and excluding New York law with respect to conflicts of law. Purchaser agrees that all causes of action against ABB under this Agreement shall be brought in the State Courts of the State of New York, or the U.S. District Court for the Southern District of New York. If any provision hereof, partly or completely, shall be held invalid or unenforceable, such invalidity or unenforceability shall not affect any other provision or portion hereof and these terms shall be construed as if such invalid or unenforceable provision or portion thereof had never existed.

12. OSHA. ABB warrants that the Equipment will comply with the relevant standards of the Occupational Safety and Health Act of 1970 ("OSHA") and the regulations promulgated thereunder as of the date of the Proposal. Upon prompt written notice from the Purchaser of a breach of this warranty, ABB will replace the affected part or modify it so that it conforms to such standard or regulation. ABB's obligation shall be limited to such replacement or modification. In no event shall ABB be responsible for liability arising out of the violation of any OSHA standards relating to or caused by Purchaser's design, location, operation, or maintenance of the Equipment, its use in association with other equipment of Purchaser, or the alteration of the Equipment by any party other than ABB.

13. Software License.

(a) ABB owns all rights in or has the right to sublicense all of the Software, if any, to be delivered to Purchaser under this Agreement. As part of the sale made hereunder Purchaser hereby obtains a limited license to use the Software, subject to the following: (i) The Software may be used only in conjunction with equipment specified by ABB; (ii) The Software shall be kept strictly confidential; (iii) The Software shall not be copied, reverse engineered, or modified; (iv) The Purchaser's right to use the Software shall terminate immediately when the specified equipment is no longer used by the Purchaser or when otherwise terminated, e.g. for breach, hereunder; and (v) the rights to use the Software are non-exclusive and non-transferable, except with ABB's prior written consent.

(b) Nothing in this Agreement shall be deemed to convey to Purchaser any title to or ownership in the Software or the intellectual property contained therein in whole or in part, nor to designate the Software a "work made for hire" under the Copyright Act, nor to confer upon any person who is not a named party to this Agreement any right or remedy under or by reason of this Agreement. In the event of termination of this License, Purchaser shall immediately cease using the Software and, without retaining any copies, notes or excerpts thereof, return to ABB the Software and all copies thereof and shall remove all machine readable Software from all of Purchaser's storage media.

14. Inventions and Information. Unless otherwise agreed in writing by ABB and Purchaser, all right, title and interest in any inventions, developments, improvements or modifications of or for Equipment and Services shall remain with ABB. Any design, manufacturing drawings or other information submitted to the Purchaser remains the exclusive property of ABB. Purchaser shall not, without ABB's prior written consent, copy or disclose such information to a third party. Such information shall be used solely for the operation or maintenance of the Equipment and not for any other purpose, including the duplication thereof in whole or in part.

15. Force Majeure. ABB shall neither be liable for loss, damage, detention or delay nor be deemed to be in default for failure to perform when prevented from doing so by causes beyond its reasonable control including but not limited to acts of war (declared or undeclared), Acts of God, fire, strike, labor difficulties, acts or omissions of any governmental authority or of Purchaser, compliance with government regulations, insurrection or riot, embargo, delays or shortages in transportation or inability to obtain necessary labor, materials, or manufacturing facilities from usual sources or from defects or delays in the performance of its suppliers or subcontractors due to any of the foregoing enumerated causes. In the event of delay due to any such cause, the date of delivery will be extended by period equal to the delay plus a reasonable time to resume production, and the price will be adjusted to compensate ABB for such delay.

16. Cancellation. Any order may be cancelled by Purchaser only upon prior written notice and payment of termination charges, including but not limited to, all costs identified to the order incurred prior to the effective date of notice of termination and all expenses incurred by ABB attributable to the termination, plus a fixed sum of ten (10) percent of the final total price to compensate for disruption in scheduling, planned production and other indirect costs.

17. Termination. No termination by Purchaser for default shall be effective unless, within fifteen (15) days after receipt by ABB of Purchaser's written notice specifying such default, ABB shall have failed to initiate and pursue with due diligence correction of such specified default.

18. Export Control.

(a) Purchaser represents and warrants that the Equipment and Services provided hereunder and the "direct product" thereof are intended for civil use only and will not be used, directly or indirectly, for the production of chemical or biological weapons or of precursor chemicals for such weapons, or for any direct or indirect nuclear end use. Purchaser agrees not to disclose, use, export or re-export, directly or indirectly, any information provided by ABB or the "direct product" thereof as defined in the Export Control Regulations of the United States Department of Commerce, except in compliance with such Regulations.

(b) If applicable, ABB shall file for a U.S. export license, but only after appropriate documentation for the license application has been provided by Purchaser. Purchaser shall furnish such documentation within a reasonable time after order acceptance. Any delay in obtaining such license shall suspend performance of this Agreement by ABB. If an export license is not granted or, if once granted, is thereafter revoked or modified by the appropriate authorities, this Agreement may be canceled by ABB without liability for damages of any kind resulting from such cancellation. At ABB's request, Purchaser shall provide to ABB a Letter of Assurance and End-User Statement in a form reasonably satisfactory to ABB.

19. Assignment. Any assignment of this Agreement or of any rights or obligations under the Agreement without prior written consent of ABB shall be void.

20. Nuclear Insurance – Indemnity. For applications in nuclear projects, the Purchaser and/or its end user customer shall have complete insurance protection against liability and property damage resulting from a nuclear incident to and shall indemnify ABB, its subcontractors, suppliers and vendors against all claims resulting from a nuclear incident.

21. Resale. If Purchaser resells any of the Equipment, the sale terms shall limit ABB's liability to the buyer to the same extent that ABB's liability to Purchaser is limited hereunder.

22. Entire Agreement. This Agreement constitutes the entire agreement between ABB and Purchaser. There are no agreements, understandings, restrictions, warranties, or representations between ABB and Purchaser other than those set forth herein or herein provided.

Wes
Sorrells

Digitally signed by Wes Sorrells
DN: cn=Wes Sorrells, c=US,
o=ABB, ou=IAMA,
email=wes.sorrells@us.abb.com
Date: 2020.12.11 09:28:19 -08'00'

SECTION 8.0

DISCUSSION

SECTION 8.1

CAPITAL IMPROVEMENT PROJECTS UPDATE

CAPITAL IMPROVEMENTS PROJECT UPDATE



- FACILITIES IMPROVEMENT PROJECT (FIP)
 - MEDIUM VOLTAGE ELECTRICAL GRID REPLACEMENT
 - BIOSOLIDS DEWATERING IMPROVEMENT PROJECT (BDIP)
 - PLC REPLACEMENT
 - CRAS PUMP REPLACEMENT
-

FIP



~~Almost Done!~~

- ~~Not submitting final payment until~~
 - ~~O and M submittals are complete~~
 - ~~Leaking (weeping) in low flow basement is stopped~~





MEDIUM VOLTAGE ELECTRIC GRID

Construction is progressing

- Installing concrete encased conduit from West side to East
 - 85% complete
- Current Completion date extended to December 2021

CHANGE ORDERS

- \$63,252 for increase in PVC prices
DENIED
- Overall price reductions outweigh the price increases, and the allowance is still untouched



BDIP



- Contractor/Engineer have been working on submittals
- Some demo work has started
- Building Permit Issued
 - Fire alarm/suppression submittal is still needed



PLC REPLACEMENT

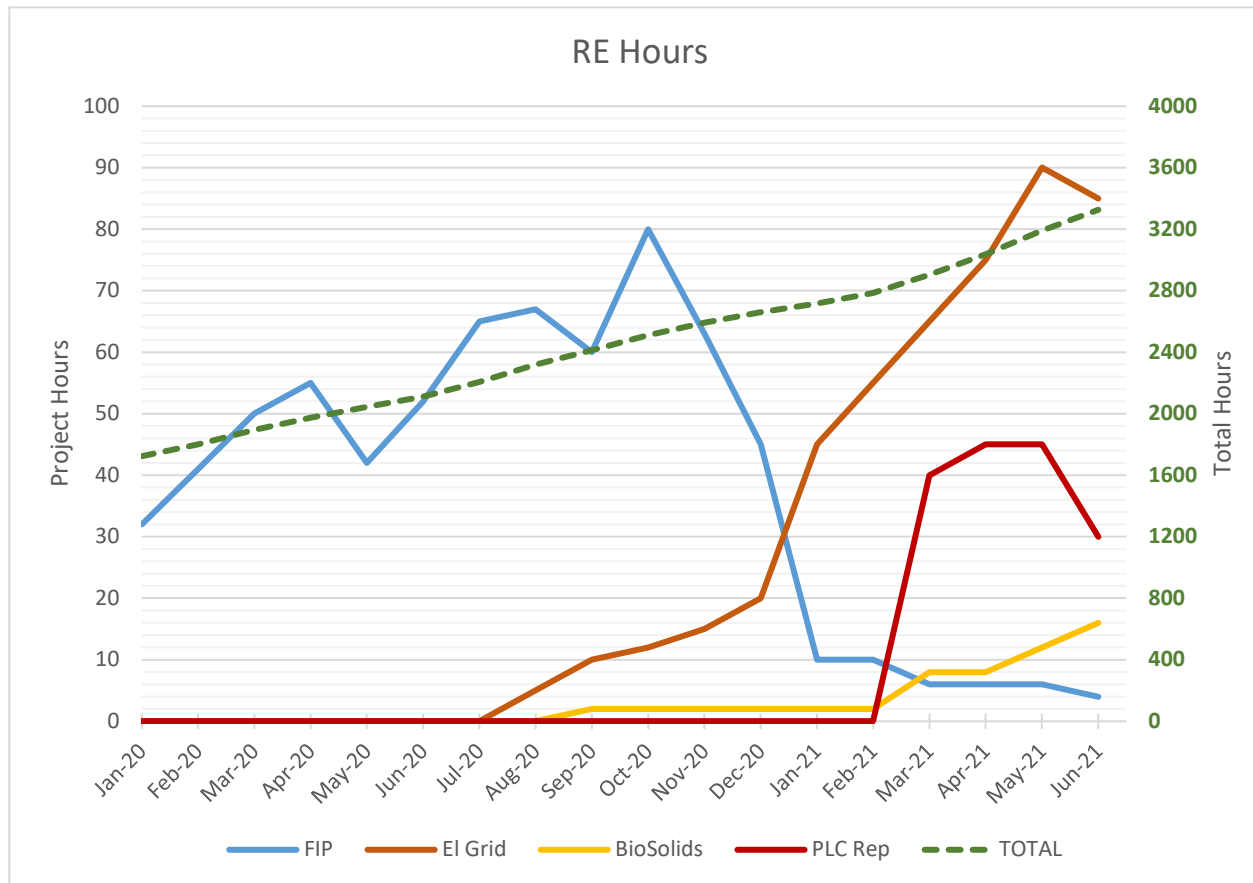
Rick Freeman has been working with Concentric to replace all PLCs on plant site.

All have been completed and tested!

CRAS PUMP



RE TRACKING



SECTION 9.0

OTHER BUSINESS

SECTION 9.1

TECHNICAL ADVISORY COMMITTEE UPDATE



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 17, 2021 2:00pm

1. FIP Update

a. Substantial/Final Completion

GWA has a meeting with Boller Construction to discuss the final payment. Neither Tom or Matt has had time recently to check the minor/nuisance weeping in the new basement, but they were told it has been addressed. Dave suggested maybe withholding enough money from the final payment to be able to bring in a 3rd party for some additional work or evaluations as to the condition. Matt stated that we have had other parties evaluate the condition and were told that GWA has nothing to worry about structurally or in terms of flooding, and that this is merely a nuisance issue, however, one that GWA thought needed to be addressed on a newly constructed structure.

2. Electrical Grid Construction Update

The subcontractor has been working 10-hour days to get caught up on the schedule and it seems to have been effective. The underground work is about 80% complete, after that's finished, most of the work remaining will be less disruptive to the plant and localized to certain processes depending on where they're working.

a. Material Price Escalation Discussion

Matt shared the claim letter that the general sent to GWA on behalf of their subcontractor. The claim was for \$63k in material price escalations. Matt also shared the response letter he intends on sending denying the claim, which was drafted based off discussions with GWA's legal team. Matt did state that despite them rejecting the material price escalation claim, GWA is willing to entertain a time extension, as they have run into many underground conflicts that have slowed the project down considerably, and lead times for materials have also increased significantly.

3. Biosolids Dewatering Improvements Project (BDIP) Update

a. Building Permit/Sprinkler Status

The contractor has obtained the building permit, with the caveat that the sprinkler system is still under review. The construction has officially started. Matt is going to reach out to Steve Witt and see where we are at with the sprinkler system and was advised to cc Dave. Matt believes the review will be going through Stacey Springer first, but she is on vacation, hence the delay.

4. EOC Agenda Items

Proposing to move EOC meeting back a week due to holiday and being so early in the month.

a. Roofing Contract

GWA is holding the bid opening in late June and will share the results with the TAC to get consensus, then it will be put on the consent agenda

b. 20,000-hour CHP service

This is a major overhaul of the CHP engines and generators. The cost is roughly 75k per engine and will be sole sourced with Nissen, the CHP manufacturer. Carl asked how is the ROI coming along, to which Matt indicated it is now down near a 13-year ROI. Matt asked if this should be on a consent agenda, or an item for discussion? Carl indicated that the memo will still be in the packet, it is OK to have it in the consent agenda as it can always be pulled out. Dave agreed.

c. Audit

Jamie Wilke is expected give her presentation on the audit

d. RAS Improvements; mag meters and actuators, header?

RAS = Return Activated Sludge. The facility plan identified to replace approximately 30-year-old equipment this year, but it was also recently discovered the header pipe associated with the

Protecting the Environment for Tomorrow

equipment has popped several holes and the patch welds are not enough anymore. GWA is still deciding if we want to replace the header or hire someone to do that. We will be looking to have the mag meters and actuators purchase approved at the EOC, and will be self-installing those. The equipment will be sole sourced in order to keep uniformity with the rest of the equipment on plant site. The TAC agreed with the approach.

e. Cryo Plant Surplus Declaration???

Based on recent discussions with GWA's legal team, it was advised to create resolutions for GWA owned equipment that is being declared as surplus. GWA has already declared the CRYO plant as surplus at past EOC meetings, however, it has not been in a resolution format yet. Carl asked if the title for the equipment held by Glen Ellyn or GWA? There is no title to the equipment, but it is housed at the main plant site, which is owned by VOG. That might change the course of action. Matt will talk to the legal team to figure out the formal declaration of surplus.

5. UV Transmissivity - Study

In 2020 GWA began studying the effectiveness of its UV disinfection system since many changes have occurred in the treatment process since the system was initially installed/designed. Phase 2 can be approved by Matt based on cost, but phase 3 has to be approved by Mark. The purpose is to see if all the changes to the plant have decreased the intensity need of UV disinfection. We have found that we are doing a bit of overkill, and phase 3 we will find out feasibility study to improve efficiency.

a. Phase II (\$4,960)

b. Phase III (\$16,690)

6. CSO Public Hearing

a. Via Zoom July 21, 2021

This is an annual meeting that our NPDES permit requires us to hold to inform the public on information regarding the Combined Sewer Outfall (CSO) plant in Lombard. These meetings do not have to follow the open meetings act, so we are going to schedule it for Zoom again. It might be good to ask them what determines a public meeting but Zoom is fine this year. An inquiry will be made with IEPA to determine what the exact requirements are in our next permit that will be issued later this year. Carl suggested that perhaps we can simply post the information on the internet to satisfy the requirement.

7. Interceptor Rehabilitation RFP

It has been decided that GWA can not put the 5-year rehab plan together in house because there is lack of time and resources so it is being planned to be put out in a RFP format for a consultant to do it. Carl said that Lombard is doing similar on their 108" so maybe we can joint bid. Carl will provide their draft RFP to see if there is any potential of collaborating. We will review each other's RFPs.

8. Budget Discussion

a. Merit Increases

GWA put in a 3% place holder for now and will discuss with Christina

b. Promotion

This conversation will remain confidential, but the TAC recognizes the importance to promote people who are performing well.

9. Lombard Connection Fee

a. School Addition

Matt was asked by the Village of Lombard building department about collecting a connection fee for an addition at a school, but Lombard had said that the school did not apply for an IEPA construction permit. Matt advised that it is required since they are adding a sewer connection and potential flow. The Lombard building department is reviewing their connection fees, but GWA will be getting a connection fee from the school addition. Matt is requesting that Carl circles back with the building department to make sure that the connection fees are accurately being assessed.

10. Fire Alarm Panel – No Update

a. Potential \$1M rehabilitation; \$235k to rehabilitate "in-kind"

No Update

11. Old Business – No Update

a. Exhibits and language for Village/GWA Connection points at

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

SECTION 10.0
NEXT EOC MEETING
THURSDAY
AUGUST 12, 2021
AT 8:00 A.M.