

GLENBARD WASTEWATER AUTHORITY  
Executive Oversight Committee  
Agenda  
October 10, 2024  
8:00 a.m.  
Glenbard Wastewater Authority  
Main Conference Room  
945 Bemis Road  
Glen Ellyn, IL 60137

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

*Motion the EOC to approve the following items including Payroll and Vouchers for the month of September of 2024 payroll in the amount of \$911,431.25 Trustee Christiansen).*

- 6.1 Executive Oversight Committee Meeting Minutes:  
September 12, 2024 EOC Meeting
- 6.2 Vouchers Previously Reviewed:  
September 2024 Payroll – Trustee Christiansen
- 6.3 Ratification of Email Poll Items

- 6.3.1 Authorization to reject the bids received at the September 18th, 2024 “2025-2027 Biosolids Hauling Services Public Bid Opening”.

On September 18th, 2024, the Authority held a bid opening for its 2025-2027 Biosolids Hauling Services. Unfortunately, the Authority only received one bid, priced at \$36.95 per cubic yard of biosolids hauled. The basis of bid is on the dollar per cubic yard hauled, as the amount of biosolids produced at the Authority in a given year varies, so it’s most appropriate to base the bid on a unit price. The Authority’s existing contract is for \$32.95 per cubic yard of biosolids hauled, making this a 12.1% increase over the existing rate. For estimating purposes, it is assumed the Authority will produce 12,000 cubic yards of biosolids per year, which would result in the apparent low bidder’s cost about \$48,000

higher per year of the contract – totaling an estimated \$144,000 over the life of the contract.

After speaking with other plan holders who did not submit a bid, the Authority learned that there was interest in bidding the job, but they could not meet the insurance requirements listed in the bid documents. Therefore, the Authority spoke to its legal representation, and was given the recommendation to lower some of the insurance requirements to allow more contractors to be able to bid. The numbers in the existing bid documents were carried over from previous bid openings and were out dated. The Authority’s legal representation also indicated it is within the Authority’s rights to reject the bid(s) received for any reason and rebid it.

***The Authority is seeking a motion to reject the bids received at the September 18<sup>th</sup>, 2024 “2025-2027 Biosolids Hauling Services Public Bid Opening”.***

### 6.3.2 Authorization to Purchase Spare Parts for the Combined Heat and Power Engines

After a power failure on Monday, September 9, the Authority’s CHP 1 shut down as part of normal protocols during a power failure. Upon attempted to restart the engine, it failed multiple times. After further investigation the throttle control actuator was found to be bad. The Authority had a spare actuator as part of a spare part inventory, which was used to replace the failed actuator, and staff was able to restart the engine to keep it running. Only less than two hours of run time was lost due to the spare part being available immediately.

Although the throttle actuator is only \$3,306.45 (shipping included), the Authority has spent in excess of \$25,000 on parts and services from Nissen in CY2024, therefore, all purchases for the remainder of 2024 are required to obtain EOC approval.

***The Authority is requesting a single motion to waive competitive bidding in accordance with Section C.1.f. “Standardization Purchases” of the Village of Glen Ellyn’s purchasing policy and to authorize the purchase of a new throttle body actuator in the amount of \$3,306.45 from Nissen Energies, Inc.***

## 7. 2025-2027 Biosolids Hauling and Disposal Contract Award

In September the Authority re-advertised a public bid opening for bid for a three-year contract for the removal and disposal of municipal bio-solids from the main Glenbard plant. At the bid opening date on September 30<sup>th</sup>, 2018 at 10:00am, there were seven registered plan holders. At the bid opening GWA received two bid packets.

After review, *the Authority recommends the EOC motion to authorize the Authority to award the three-year contract for Disposal of Municipal Bio-Solids to Stewarts Spreading, Inc, for the amount of \$34.28 per cubic yard of biosolids hauled and disposed of.*

8. Final CY2025 Budget Requesting Recommendation for Approval to GWA Full Board

After the presentation of the first draft of the CY2025 budget to the Executive Oversight Committee at the September 10, 2024 EOC meeting, comments were received and the budget was modified to reflect those changes, and further updates have also been inserted into the draft budget that were not available at that time. Below summarizes the changes in the proposed budget:

**Capital Fund 40:**

Several capital projects that were expected to occur or start in CY2024 that are delayed or deferred have been moved into CY2025's capital budget.

**Operations & Maintenance 270:**

Maintenance Support/Contractual – Updated to an increase of 29.7% (\$15,700) versus the 29.3% (\$15,500) that was communicated in the previous memo.

Sludge Disposal – Increase of 4% (\$15,540). Based on the results of the September 30<sup>th</sup>, 2024 bid opening for services to be provided in CY2025 through CY2027.

To summarize, at this time the budget has an O&M increase of 5.12% (\$268,193). About 56% of the O&M increase is a result of personnel increases, while nearly 14% of the increase is a result of health insurance costs, and about 7% as a result of the increase in the liquid oxygen costs. This is a lower increase from CY2024's budget, which saw a 6.71% O&M increase.

The budgets overall increase including capital is 4% or \$363,385 over the CY2024 approved budget. Comparatively, the Consumer Price Increase for the Chicagoland area was 3.5%

This proposed budget has been reviewed by the Technical Advisory Committee as well as the Finance Directors, who have provided comments that have been addressed.

*It is requested that the EOC make a motion to recommend approval of the proposed Glenbard Wastewater Authority's CY2025 Budget to the Full Boards of Glen Ellyn and Lombard at the November 21st, 2024 Full Board Meeting located at Lombard Village Hall, 255 E Wilson Avenue, Lombard, IL 60147.*

9. Discussion

9.1 Solar Discussion

After extensive discussion that was held at the September 12, 2024 Executive Oversight Committee (EOC) Meeting (as seen in section 5.1 of the packet, meeting minutes), the EOC directed the Authority to meet with the Technical Advisory Committee (TAC) and the Village's Finance directors to further evaluate funding options.

It was found that since the Authority would be realizing incentives from the selling of Solar Renewable Energy Credits (SRECs) and the inflation reduction act, it would not be eligible for any other grant or incentive programs. The only other alternative to receiving funding from the Villages would be to seek outside financing such as a loan or bond.

During the September 26th meeting between the TAC and the Finance Directors, several internal funding options were presented. It had previously been determined that the EOC did not feel the Villages should loan the amount to cover the entirety of the project, therefore, that option was not discussed any further. The Authority was able to demonstrate that by deferring projects to better accommodate cash on hand values from year to year, the Authority was able to cover approximately \$4.5M out of the total \$6.0M project cost, meaning the Authority would only need to "borrow" \$1.5M from the Villages. Also, due to the incentive structure, the Villages would be able to be refunded the entire \$1.5M during Year 1 of an operational solar field, meaning it would be a very short-term loan. In order for the Authority to fully fund the project up front it would require deferrals of projects, equipment, and other offsets that would not be feasible.

Village Finance Directors felt that presenting an option of borrowing only \$1.5M from the Village's (roughly at a 60%/40% split between the Villages) would be much more palatable, especially since due to federal tax credits and sales of SRECs would result in the money being paid back during the first year of operation. However, other questions arose to ensure that the predicted return on the solar investment is as accurate as possible. Specifically, a second opinion was advised to be sought out, as well as inquiring with other agencies as to their experiences.

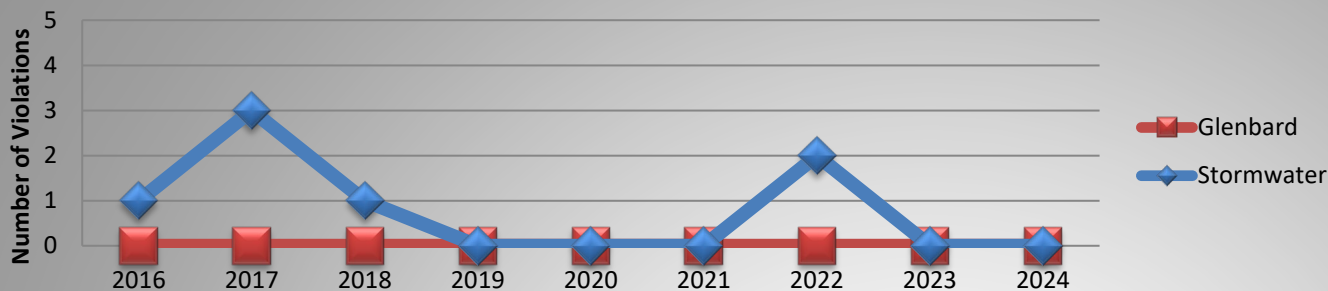
All responses came back overwhelmingly positive, with some sites reporting generation rates being close to 50% higher than what was predicted in models. The oldest field close to 12 years old and is located at the City of Galena's Wastewater Treatment Facility. None of the facilities surveyed experienced solar panel degradation rates greater than what was anticipated during the procurement of the panels.

If a second opinion validates the material proposed to the Authority, and the Finance Directors agree on an appropriate method to fund the project, the Authority would recommend to seek a motion from the EOC to begin negotiating a construction contract with GRP Wegman giving the Authority authorization a not to exceed amount of \$6,200,000. The actual proposal that was received by the

Authority was a slightly lower amount, however there are unknown costs relating to ComEd interconnection fees and other permitting that cannot be realized until permit applications begin.

- 9.2 Pending EOC Action Items
  - 9.2.1 Vehicle Purchase
  - 9.2.2 CHP Supplies (oil)
- 10. Other Business
  - 10.1 Other items
- 11. ***Next EOC Meeting*** – The next regularly scheduled EOC Meeting is set for ***Thursday, November 14, 2024 at 8:00 a.m.***

# NPDES Permit Violations



## Glenbard Plant: \*Current Record

4226 Days February 4, 2013 through August 31, 2024

Previous excursion free operating record:

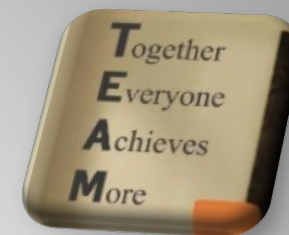
1058 Days September 8, 2007 – April 10, 2010

## Stormwater Facility:

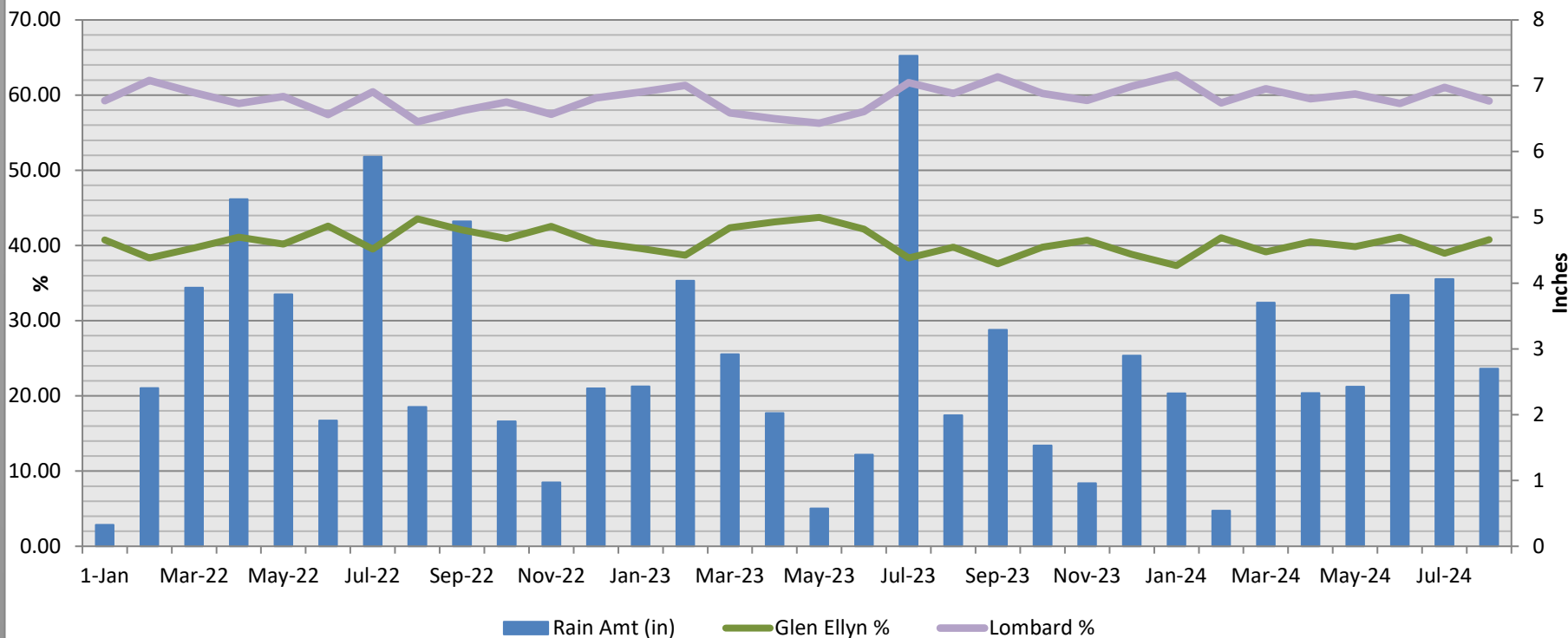
720 Days September 11, 2022 through August 31, 2024

Previous excursion free operating record:

1140 Days July 11, 2009 through August 27, 2012

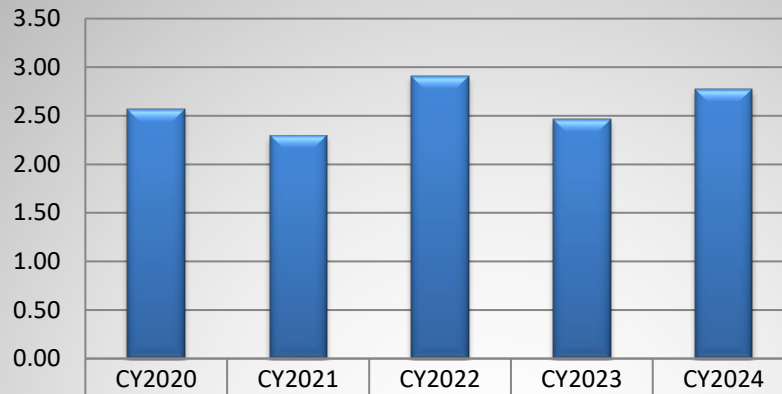


# Flow Billing Comparison





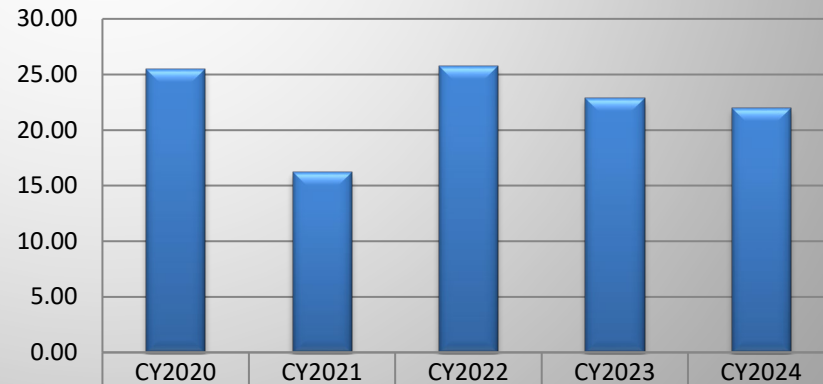
## Billion Gallons Treated Per Year as of August 31, 2024



■ Billion Gallons Treated Per Year as of August 31, 2024

CY2020	CY2021	CY2022	CY2023	CY2024
2.56	2.29	2.91	2.47	2.78

## Total Rainfall in Inches as of August 31, 2024



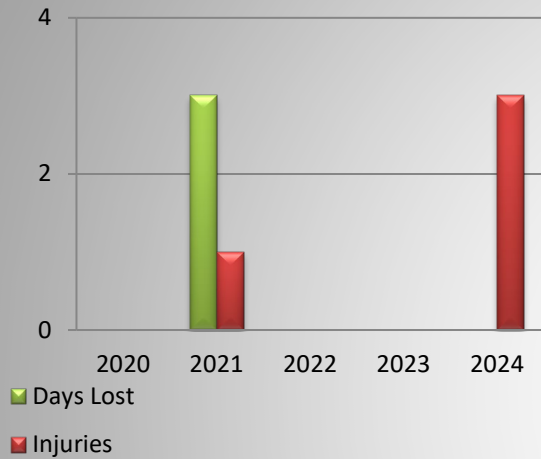
■ Total Rainfall in Inches as of August 31, 2024

CY2020	CY2021	CY2022	CY2023	CY2024
25.47	16.19	25.72	22.82	21.95



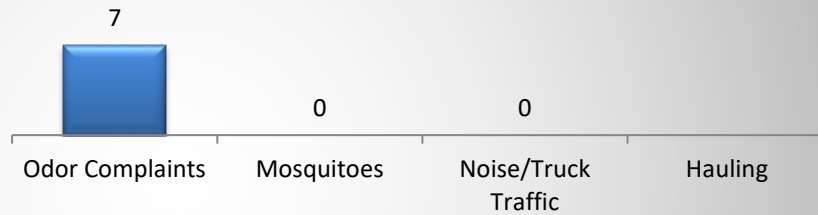
# The Authority Key Performance Indicators Regarding Safety and Neighborhood Impacts

## Injuries + Lost Time

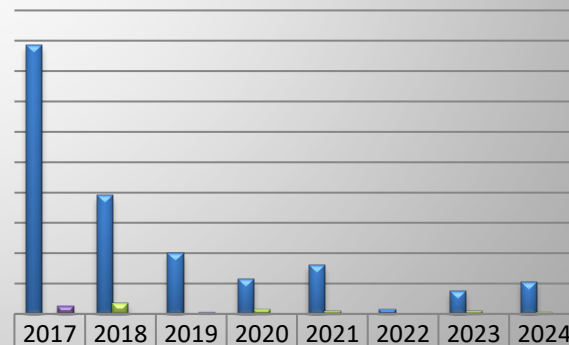


Year	2020	2021	2022	2023	2024
Injuries	0	1	0	0	2
Days Lost	0	3	0	0	0

## September 2024 Complaints



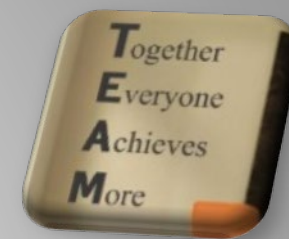
## Annual Complaint Comparison



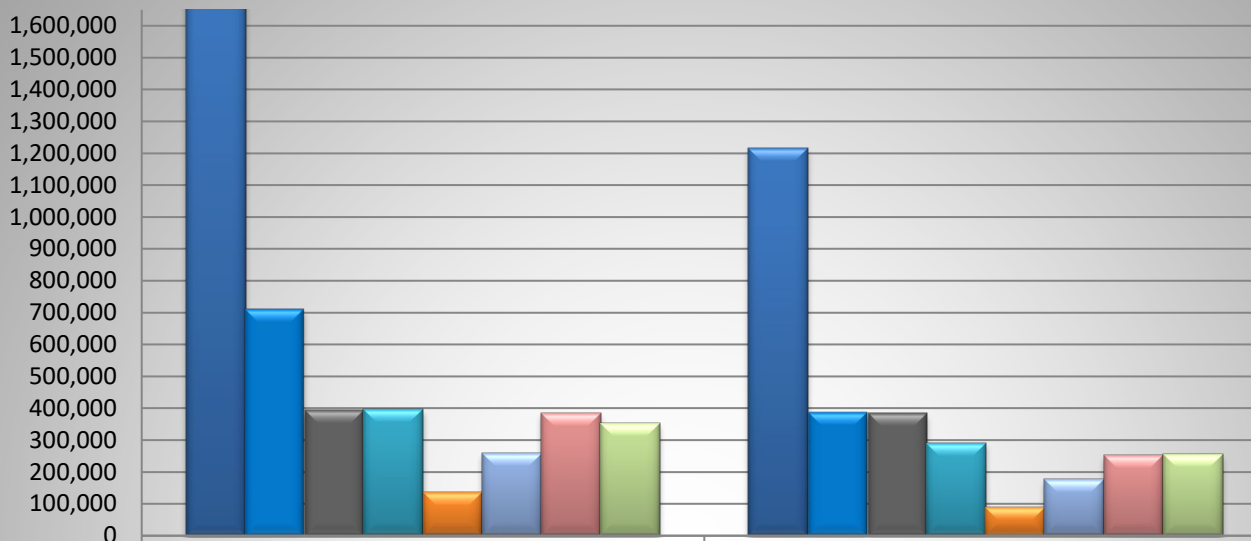
	2017	2018	2019	2020	2021	2022	2023	2024
Odor Complaints	177	78	40	23	32	3	15	21
Noise/Truck Traffic	0	7	0	3	2	0	2	1
Hauling	5	0	1	0	0	0	0	0







## August 2024 O&M Expense \$ Reporting

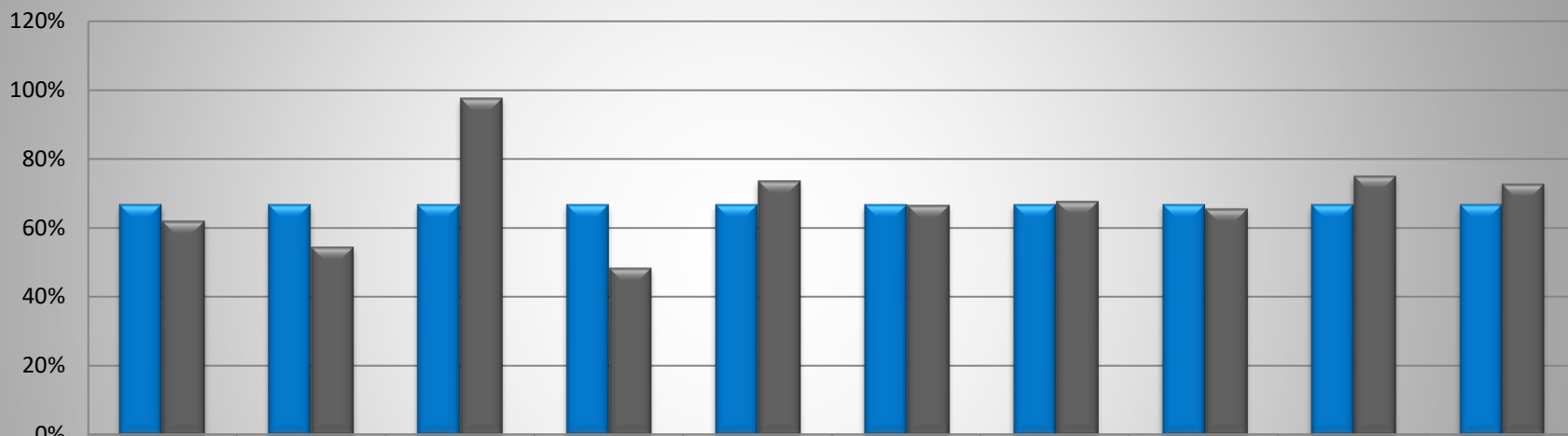


	CY2024 Budget	Spent Year to Date
Personnel	\$1,958,435	\$1,214,942
Utilities	\$708,900	\$387,092
Contract Services	\$392,751	\$383,051
Insurance	\$395,900	\$291,568
Overhead Fees	\$136,161	\$90,733
Maintenance	\$259,656	\$176,055
Sludge Removal	\$385,000	\$252,466
Other	\$352,630	\$256,400

	Personnel	Utilities	Contract Services	Chemicals	Insurance	Overhead Fees	Maintenance	Sludge Removal	Liquid Oxygen	Other
<b>CY2024 Budget</b>	\$1,958,435	\$708,900	\$392,751	\$298,000	\$395,900	\$136,161	\$259,656	\$385,000	\$355,000	\$352,630
<b>Spent Year to Date</b>	\$1,214,942	\$387,092	\$383,051	\$144,566	\$291,568	\$90,733	\$176,055	\$252,466	\$266,430	\$256,400
<b>% of CY2024</b>	66.66%	66.66%	66.66%	66.66%	66.66%	66.66%	66.66%	66.66%	66.66%	66.66%
<b>% Spent</b>	62.04%	54.60%	97.53%	48.51%	73.65%	66.64%	67.80%	65.58%	75.05%	72.71%



## August 2024 O&M Expense % Reporting



	Personnel	Utilities	Contract Services	Chemicals	Insurance	Overhead Fees	Maintenance	Sludge Removal	Liquid Oxygen	Other
■ % of CY2024	66.66%	66.66%	66.66%	66.66%	66.66%	66.66%	66.66%	66.66%	66.66%	66.66%
■ % Spent	62.04%	54.60%	97.53%	48.51%	73.65%	66.64%	67.80%	65.58%	75.05%	72.71%

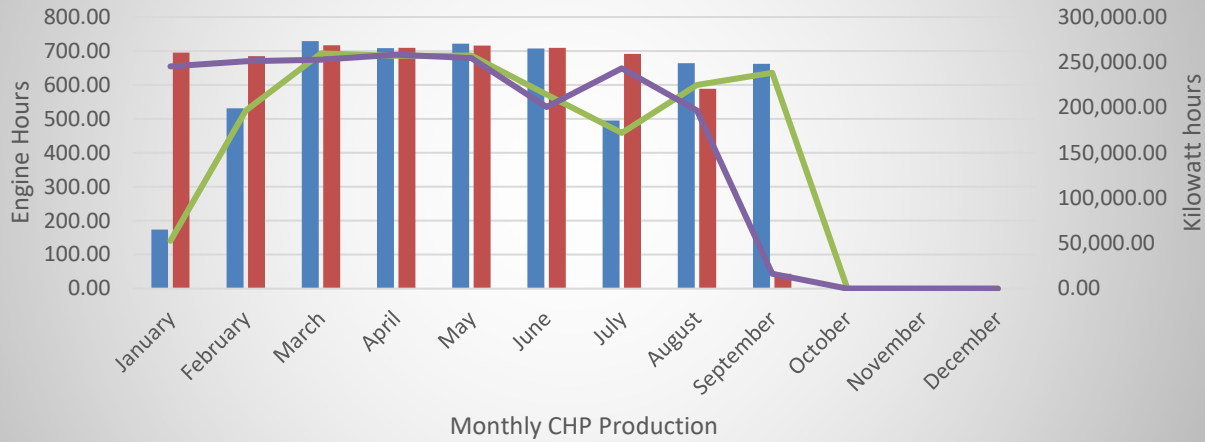


Description	Project Budget Amount	Spent to Date	Updates
Small Capital Projects	\$219,000	\$101,252	September 23, 2024
Plant Equipment Rehabilitation	\$1,567,000	\$385,975	September 23, 2024
Infrastructure	\$88,000	\$25,254	September 23, 2024
Rolling Stock	\$603,000	\$0	September 23, 2024
Interceptor Rehab Engineering	\$192,000	\$123,327	September 23, 2024
Interceptor Rehab Construction	\$650,000	\$0	September 23, 2024
Primary Clarifier Improvements Engineering	\$613,900	\$243,100	September 23, 2024
Primary Clarifier Improvements Construction	\$5,595,000	\$0	September 23, 2024
Primary Sludge Direct Digester Feed Engineering	\$60,000	\$0	September 23, 2024
Primary Sludge Direct Digester Feed Construction	\$400,000	\$0	September 23, 2024
Facility Plan	\$219,000	\$102,563	September 23, 2024

# Combined Heat & Power Production Report



Road to Net Zero



## Monthly CHP Production 2024 = \$0.11/kWh

	Engine #1 Hrs	Engine #2 Hrs	Engine #1 kWh	Engine #2 kWh	\$ Saved	% Electricity Generated
January	173.50	695.00	52,921.00	245,552.00	\$28,692.34	39%
February	530.70	684.90	196,657.00	251,135.00	\$43,046.45	63%
March	729.10	716.70	259,823.00	252,905.00	\$49,288.77	73%
April	707.90	709.00	257,008.00	258,403.00	\$49,546.69	74%
May	721.90	716.30	257,479.00	254,508.00	\$49,217.54	67%
June	707.00	709.00	214,514.00	200,665.00	\$39,911.34	54%
July	495.60	691.40	171,817.00	243,273.00	\$39,902.79	N/A
August	664.10	588.30	224,927.00	196,561.00	\$40,517.83	N/A
September	662.00	44.20	238,286.00	16,332.00	\$24,476.54	N/A



# Return on Investment Monetary Breakdown

	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 -
<b>Calendar Year 2023</b>								
January		425,900	\$21,295.00	\$25,899.56	\$822.78	\$46,371.78	\$28,805.84	17,565.94
February		355,250	\$17,762.50	\$23,387.97	\$9,990.00	\$31,160.47	\$28,805.84	2,354.62
March		437,713	\$21,885.65	\$22,695.51	\$10,190.00	\$34,391.16	\$28,805.84	5,585.32
April		190,422	\$9,521.10	\$12,240.96	\$11,274.92	\$10,487.14	\$28,805.84	(18,318.70)
May		0	\$0.00	\$2,259.82	\$0.00	\$2,259.82	\$28,805.84	(26,546.02)
June		0	\$0.00	\$0.00	\$0.00	\$0.00	\$28,805.84	(28,805.84)
July		85,000	\$4,250.00	\$6,435.24	\$0.00	\$10,685.24	\$28,805.84	(18,120.60)
August		234,379	\$14,062.74	\$19,840.49	\$1,887.00	\$32,016.23	\$28,805.84	3,210.38
September		355,783	\$21,346.98	\$23,557.50	\$0.00	\$44,904.48	\$28,805.84	16,098.64
October		428,621	\$25,717.26	\$23,602.39	\$644.00	\$48,675.65	\$28,805.84	19,869.80
November		305,562	\$18,333.72	\$6,140.88	\$0.00	\$24,474.60	\$28,805.84	(4,331.24)
December		357,028	\$21,421.68	\$15,936.45	\$0.00	\$37,358.13	\$28,805.84	8,552.28
<b>Annual Totals</b>	\$0.00	3,175,658	\$175,596.63	\$181,996.76	\$34,808.70	\$322,784.69		
<b>Repayment Balance</b>	\$2,392,860.94							
<b>Annual Payback on Investment</b>	\$285,183.85							
<b>Current Return on Investment in Years</b>	8.4							
<b>Calendar Year 2024</b>								
January		404,700	\$24,282.00	\$28,692.34	\$82,276.78	-\$29,302.44	\$28,805.84	(58,108.28)
February		357,904	\$21,474.24	\$43,046.45		\$64,520.69	\$28,805.84	35,714.84
March		399,901	\$23,994.06	\$49,288.77	\$832.91	\$72,449.92	\$28,805.84	43,644.08
April		437,650	\$26,259.00	\$49,546.69		\$75,805.69	\$28,805.84	46,999.85
May		453,096	\$27,185.76	\$49,217.54		\$76,403.30	\$28,805.84	47,597.46
June		420,040	\$25,202.40	\$39,911.34	\$3,211.00	\$61,902.74	\$28,805.84	33,096.90
July	\$127,303.00	348,680	\$20,920.80	\$39,902.79	\$11,863.16	\$176,263.43	\$28,805.84	147,457.59
August		384,389	\$23,063.34	\$40,517.83	\$295.94	\$63,285.23	\$28,805.84	34,479.39
September		347,070	\$20,824.20	\$24,476.54		\$45,300.74	\$28,805.84	16,494.90
October			\$0.00	\$0.00		\$0.00	\$28,805.84	(28,805.84)
November			\$0.00	\$0.00		\$0.00	\$28,805.84	(28,805.84)
December			\$0.00	\$0.00		\$0.00	\$28,805.84	(28,805.84)
<b>Annual Totals</b>	\$127,303.00	3,553,430	\$213,205.80	\$364,600.31	\$98,479.79	\$606,629.32		
<b>Repayment Balance</b>	\$1,786,231.62							
<b>Annual Payback on Investment</b>	\$284,905.09							
<b>Current Return on Investment in Years</b>	6.3							

# **SECTION 6.0**

# **CONSENT AGENDA**

**SECTION 6.1**

**MINUTES –**

**SEPTEMBER 12, 2024**

**MEETING**

GLENBARD WASTEWATER AUTHORITY  
Executive Oversight Committee  
Minutes  
September 15, 2024  
8:00 a.m.

Members Present:

Mark Senak	President, Village of Glen Ellyn
Keith Giagnorio	President, Village of Lombard
Trustee Christiansen	Trustee, Village of Glen Ellyn
Trustee Bachner	Trustee, Village of Lombard
Mark Franz	Village Manager, Village of Glen Ellyn
Scott Niehaus	Village Manager, Village of Lombard
Dave Buckley	Works Director, Village of Glen Ellyn
Carl Goldsmith	Public Works Director, Village of Lombard

Others Present:

Matthew Streicher	Executive Director, GWA
Gayle Lendabarker	Executive Assistant, GWA
Tim Sexton	Finance Director, Village of Lombard
Patrick Brankin	Finance Director, Village of Glen Ellyn

1. Call to Order at 8:00 a.m.
2. Pledge of Allegiance
3. Roll Call: President Giagnorio, President Senak, Trustee Christiansen, Trustee Bachner, Mr. Niehaus, Mr. Franz, Mr. Goldsmith and Mr. Buckley.
4. Public Comment
5. Consent Agenda – The following items are considered to be routine by the Executive Oversight Committee and will be approved with a single vote in the form listed below:

*Motion the EOC to approve the following items including Payroll and Vouchers for the month of August of 2024 payroll in the amount of \$618,170.28 (Trustee Christiansen).*

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



- 5.1 Executive Oversight Committee Meeting Minutes:  
August 15, 2024 EOC Meeting
- 5.2 Vouchers Previously Reviewed:  
Month of August 2024 and Payroll – Trustee Christiansen
- 5.3 Ratification of Email Poll Items
  - 5.3.1 Authorization to Approve Amendment to the Agreement with GOVTEMPSUSA for the Employment of a Temporary Worker

As previously discussed with the EOC, due to having two key positions vacant, the Authority is utilizing GOVTEMPSUSEA (GovTemps) to bring in a temp worker. The specific position/assignment for this individual is “Management Consultant,” with the intent to help evaluate the structure of the Authority, undergo analysis and strategic development, as well as perform any administrative functions where assistance is needed. The EOC already approved to enter into a contract with GovTemps for a not to exceed amount of \$35,000. This amount was to cover through August 23, 2024. Since neither vacancy has been filled, the Authority would like to extend the agreement end date to October 4, 2024. The Authority will continue to be invoiced by GovTemps for \$113.60 per hour that Phil Modaff works, and it is expected that he will continue working 24 hours a week. Therefore, the Authority is seeking approval to amend the agreement for an additional amount not to exceed of \$16,500, for a total amount of \$51,500. Due to the vacant positions, there are sufficient funds in the approved CY2024 Budget’s personnel item.

***The Authority is seeking a motion to authorize approval to amend the agreement with GOVTEMPSUSA for an additional amount not to exceed of \$16,500, for a total amount of \$51,500.***

- 5.3.2 Authorization to Purchase a 2024 Ford F250 from Sutton Ford Commercial and Fleet

At the June 13, 2024 EOC meeting, the EOC gave authorization to purchase a 2024 Ford F250 from Haggerty Ford Commercial & Fleet in a not to exceed amount of \$47,581. This was due to the dealership that handled the Suburban Cooperative Purchasing contract being unresponsive. Since that time, Authority staff has been able to maintain communication with the cooperative purchasing dealership, and has received the attached quote that is \$119 lower than the original amount approved, however, since the EOC approved the purchase from Haggerty Ford Commercial & Fleet, the Authority will need to amend this request for approval.

***The Authority is seeking a motion to authorize purchase a 2024 Ford F250 from Sutton Ford Commercial and Fleet in a not to exceed amount of \$47,462.***

6. Approval to Engage in a Two-Year Agreement for Auditing Services

In 2015 the Village of Glen Ellyn Board selected Lauterbach & Amen in 2015 through a request for proposal process subject to annual approval by the Village Board. Due to the Village of Glen Ellyn's role as the Authority's lead agency, with Finance being one of their areas of responsibility, the Authority moved forward with using Lauterbach & Amen as well.

***Therefore, staff requests the Executive Oversight Committee motion to approve a two-year renewal for audit services for a not to exceed amount of \$17,900 for the CY2024 Audit (to be invoiced in 2025) and a not to exceed amount of \$18,750 for the CY2025 Audit (to be invoiced in 2026), for a total not to exceed amount of \$36,650.***

*Mr. Brankin noted that both Villages currently use this company, and the Village of Glen Ellyn, also renewed a two-year agreement with Lauterbach. Mr. Brankin added that the rate of increase was slightly higher than CPI in the range of 4%-4-1/2% percent. Mr. Brankin explained that at times when CPI was 6% or more, the increases were in the ballpark of 3-1/2% - 4%; and in conversations with the auditors and other communities, audit firms are experiencing staffing issues and are turning away new clients, which is one of the driving forces behind the slightly higher than normal price increases.*

*President Senak asked for confirmation that the same firm has been used since 2015 after an RFP process at that time; and asked if there was a plan to go out for RFP again after the new two-year agreement. Mr. Franz indicated he was correct and that he has had discussion with Mr. Brankin, noting that the Village did request a partner rotation to as well as the audit team staff being rotated, as a way of keeping fresh eyes on the work being performed; and due to the number of turnovers in the Finance Department in the last three (3) years, for the sake of continuity, the decision was reached to keep the existing firm for a two-year period. Mr. Franz noted that the RFP process will be utilized after the new two-year agreement is done.*

*Mr. Niehaus stated that in piggy-backing off comments made by Mr. Brankin about getting new accountants, is that accounting firms are having such a hard time getting new accountants; and, that towns that have recently gone out to bid are finding that their prices are going up even higher, because a firm like Lauterbach & Amen is saying, "we are strapped so hard, that in order for us to take on a new client, the price is super high"; so in this case, it is an oddity of not going out to competitive bidding to maintain the price. Mr. Niehaus added that in discussions with Mr. Sexton, Village of Lombard's Finance Director, that those entities who are going out to bid and severing relationships are probably paying double-digit increases, or there are only one (1) or two (2) firms coming in and proposing. Mr. Sexton added that in conversations he is hearing that in many cases, the current firm is the only firm submitting proposals. Mr. Sexton stated that*

*in the last month or so, he read a statistic that 75% of current CPAs are at or above retirement age. Mr. Niehaus noted that in the State of Illinois, there are over 6,000 units of local government, auditors are pushed even harder, because every unit of government has to have an auditor; and there is legislation in ILMA, to actually change the audit requirements for municipalities under 1,000 residents, because, quite frankly, when you are dealing the amount of income they have, what is the point of auditing every year.*

*Mr. Senak noted that it will interesting to see where things in two (2) years.*

*Mr. Streicher added that he had received a poll from Illinois Association of Wastewater Agencies (IAWA), inquiring about audit fees as several wastewater facilities have seen significant increases in their audit fees.*

*Mr. Niehaus asked Mr. Brankin and Mr. Sexton what accountants are doing to draw younger people into the exciting world of Municipal Auditing. Trustee Christiansen stated that she knows several friends who are accountants, so it is interesting to hear about the shortage. Mr. Sexton noted that one factor was sometime back, the requirement that one must have a Masters Degree was added to the list of requirements to get a CPA; and a lot of states are starting to peel that requirement back. Mr. Brankin added there was also the requirement to have 150 credit hours, which also starting to be re-evaluated, as well as some changes to the CPA examine to make it a little easier.*

**Mr. Goldsmith motioned and Trustee Christiansen seconded the MOTION to approve a two-year renewal for audit services with Lauterbach & Amen for a not to exceed amount of \$17,900 for the CY2024 Audit (to be invoiced in 2025) and a not to exceed amount of \$18,750 for the CY2025 Audit (to be invoiced in 2026), for a total not to exceed amount of \$36,650. President Giagnorio, President Senak, Trustee Christiansen, Trustee Bachner, Mr. Niehaus, Mr. Franz, Mr. Goldsmith and Mr. Buckley responded “Aye” during a roll vote. The motion carried.**

7. Discussion

7.1 Draft Budget Discussion

Enclosed in the agenda packet is the draft CY2025 Budget for discussion. The enclosed memo details changes in the draft CY2025 budget over the approved CY2024 budget.

To summarize, at this time the budget has an O&M increase of 4.82% (\$252,453). About 60% (\$150,000) of the O&M increase is a result of personnel increases, while nearly 18% (\$45,400) of the increase is a result of health insurance costs, and about 9% (\$22,000) as a result of the increase in the liquid oxygen costs. This is a lower increase from CY2024’s budget, which saw a 6.71% increase.

The budgets overall increase including capital is 3.8% or \$347,645 over the CY2024 approved budget. Comparatively, the Consumer Price Increase for the Chicagoland area was 3.4%

This draft budget has been reviewed by the Technical Advisory Committee as well as the Finance Directors, who have provided comments that have been addressed. It is requested that the Executive Oversight Committee provide any feedback or thoughts on the draft budget. After the mid-September sludge hauling bid opening, the budget will be updated to reflect the new rates, and a request will be made to motion the EOC to authorize approval to the Full Boards of Glen Ellyn and Lombard.

The Authority is not seeking approval of the budget at this time due to an upcoming bid opening for Biosolids Hauling that may impact the operations and maintenance budget.

## 7.2 Solar Discussion

*Mr. Franz asked for clarification of the area to be converted. Mr. Streicher advised that the wooded area north of the lagoons is in a floodway, and was removed from the scope, as it would increase the land development costs from \$500,000 to \$2 Million; however, that area could potentially be used for a phase 2, in the future.*

*Mr. Franz asked for confirmation that the north lagoon has been filled in. Mr. Streicher advised that it has been filled.*

*Mr. Franz asked if the fill from a Lombard project was going into the south lagoon. Mr. Goldsmith advised the Village is done with that project and no dumping occurred. Mr. Streicher advised that the Village of Glen Ellyn is the only one dumping into the north lagoon just to fill in all areas. Mr. Franz asked if the south lagoon was being filled. Mr. Streicher advised that the south lagoon is not being filled at this time; and as part of the project, GWA was going to pump the south lagoon down since we have that capability, leaving the developer with the responsibility of filling it and preparing it for solar development. Mr. Franz asked if it would be possible to finish filling in the north lagoon and at a later date. Mr. Streicher advised that the development would all be done at the same time, in order to reap the incentives.*

*Mr. Franz asked what are some of the development costs associated with the project. Mr. Streicher stated that the land development is approximately \$600,000, which was incorporated into the ROI calculation; the solar field itself is between \$5 million dollars to \$5.5 million dollars.*

*Mr. Goldsmith asked if there was potential for fill to be brought in from either municipality at this point in time to offset the land development costs. Mr.*

*Streicher replied GWA would be interested. Mr. Goldsmith stated that he has approximately 6,000 cubic yards that he needs to be disposed of from a project. Mr. Streicher stated that GWA would still need to pump out the south lagoon, and the contractor would still need to dredge it, and then it would be ready for fill. Mr. Streicher noted that if it is decided to move forward with the project, the first step would be to have the EOC Committee authorize GWA staff to negotiate the contract with the solar developer, firm up the price for land development, making it a not to exceed price, and if GWA can find ways to realize any cost savings it will.*

*Mr. Goldsmith asked what the timeframe would be for pumping and dewatering the south lagoon. Mr. Streicher advised that it would take GWA less than a week to pump it out, but he cannot speak on behalf of the developer as to how long it would take them to dredge the area and prepare it for fill.*

*Mr. Niehaus stated that he had spoken with Mr. Streicher on his way to the meeting to show general support; but has some questions that are specific to Lombard; 1) in the vein of measure twice, cut once and he shared with Mr. Sexton; in terms of an internal fund borrowing from the Village's reserves, he wants the Village of Lombard, to contact its financial advisor, just to check a box and say if we are going to loan money from our other reserves, how is that going to be viewed by outside parties, such as rating agencies. Mr. Niehaus noted that everyone knows that the Village of Lombard needs to work on its ratings position; and the amount Lombard has in its reserves, the amount to be borrowed is not a lot, he still wants to ask that question; 2) asked if there are any existing policies on internal borrowing. Mr. Niehaus added that any time a project came to Lombard's Public Works Committee that had an ROI over ten (10) years, the Committee typically passed on it, however, with an ROI of seven (7) years, with a large portion of it being made up early, this one is enticing; and his hunch is that when programming the out year electrical savings, those numbers are probably conservative estimates and most likely, the electrical costs are going to be more. Mr. Streicher stated the calculations included a two percent (2%) inflation rate. Mr. Niehaus added that when looking at \$220,000 annual savings, it will, most likely, be more than that as electrical costs will out-pace it. Mr. Niehaus noted, that while there is a strong desire to do this project, he wants to sharpen the pencil on Lombard's end and answer some internal questions; and, 3) relative to the \$6.3 Million dollar loan, would it be split based on flow similar to the budget. Mr. Streicher, stated that he assumed so, but would need to have further discussions with the Finance Directors. Mr. Niehaus noted that if there is an acceptable methodology in place, it does not make sense to create a new one for this situation. Mr. Goldsmith agreed stating that Capital component would be the same.*

*Trustee Bachner asked, if it would come into play as the Village has their bond rating re-accessed, and it comes back favorable, how soon would the money need to be moved to start the project. Mr. Niehaus stated that the next bond rating would probably be about the time the Village is ready to break ground on its*

*Public Safety building, thus the loan would probably be paid out before then and by that point, there will probably be a track record of some of the money flowing back. Mr. Niehaus asked, with regards to the credit situation, if the window on committing to the project was through April of next year. Mr. Streicher explained that the Inflation Reduction Act, is changed every year, in July of this year is when credits when up to 30% base and then the 10% bonus; and that bonus could be completely removed come next spring, they could modify the base, could be lowered to 28% and there is a plan to slowly dwindle the credit amount down. Mr. Niehaus stated that there is some time to decide this before April.*

*Mr. Franz asked what GWA has in terms of reserves. Mr. Streicher stated he did not have that number off the top of his head. Mr. Franz asked if GWA had a Capital Reserve. Mr. Streicher stated that GWA only has the cash on hand in the capital and based on the Capital plan spreadsheet in the proposed budget, GWA is forecasting the cash on hand balance at the end of CY2024 to be about \$7.5 million dollars. Mr. Franz asked if we have looked at possibly having GWA use those dollars, especially if we get 50% back. Mr. Streicher stated that an option that crossed his mind, but he has not yet had a chance to analyze yet, is GWA only borrowing from the Villages that first three (3) years of that payback; meaning it will be a quicker payback to the Villages, and then GWA cover the rest. Mr. Streicher noted that in looking at the Capital Plan spreadsheet, GWA is not project any deficit until 2031, which would be impacted if this approach is taken.*

*President Senak asked what the number would be to borrow from the Villages. Mr. Streicher stated that he did not have the exact figure. Mr. Franz asked if the \$7 Million dollars is the operating reserve for GWA. Mr. Streicher stated that GWA's capital does not have a reserve, it is cash on hand, which, could theoretically go down to zero. Mr. Franz stated that because of what we just went through, realizing that GWA is not in a position to take borrow money because of the governing structure, and what we just learned; it might be better to try and have GWA take as much of that burden on because the two (2) Villages will have to always worry about their bond rating whereas GWA does not, although GWA will have to open their books as well when the Villages issue bonds, and the timing of the big project in the future. Mr. Franz noted there are a lot of timing issues that need to be looked at.*

*Mr. Franz asked if it makes sense to send this back to the TAC to evaluate alternative ways of achieving this without burdening the two (2) Villages as much as we are proposing here; are there other ways, maybe taking a portion out of GWA's Capital fund and the Villages contribute to the amount that is going to be paid back by the grant very quickly, so it is more of short-term impact on the Village's budgets. Mr. Franz noted that maybe sending it back to the TAC and work with the Finance Directors to come up with alternatives. Mr. Niehaus stated that the EOC Committee will definitely be meeting again in October, and feels that having several options to look at is a good idea; however, in the meantime, he would like for Mr. Sexton to nail down answers to the other questions he posed.*

*Mr. Franz stated that from what he can remember, Glen Ellyn has not done anything like this either.*

*Trustee Christiansen asked if the figures include any operations, maintenance or replacement costs. Mr. Streicher advised that it does include contracted operation and maintenance service fees that will be contracted through a third party with an estimated first year cost of \$30,000 and a two percent (2%) escalation thereafter as well. Trustee Christiansen asked if that was factored in to the cumulative cash flow. Mr. Streicher confirmed it was and that the column was hidden on the spreadsheet as it became a little too much information.*

*Mr. Franz asked if the Villages were to increase the Capital Fund contribution from 2.5% to 3.5% what amount of revenues would be generated. Mr. Streicher stated he could not provide an answer off the top of his head, without having the budget file in front of him and being able to adjust the numbers. Mr. Franz continued by stating that if this is something that the EOC Committee will have continued long-term benefits, maybe a one (1) year or two (2) year contribution increase would be viable. Mr. Streicher stated that he did not think it would have a tremendous impact as raising the rate from 1.25% to 2.5%, for example only increased Glen Ellyn's contribution by \$20,000. Mr. Sexton added that on a \$4 million dollar budget the extra 1% would only be \$40,000 increase.*

*Mr. Streicher stated that he felt obligated to bring this project forward to the EOC Committee and the TAC; obviously it was not something GWA had planned, as there a good number of capital projects going forward. Mr. Streicher added he is not looking to apply any pressure to the EOC Committee to move forward or not, and felt it would have been a missed opportunity if he had not brought it forward.*

*Trustee Christiansen asked if this project was taken on, what project or projects would not be able to be done in the future because of the expense. Mr. Streicher stated that if GWA had to defer another project, it would not be possible as it would be deferring necessary rehabilitation to essential equipment or processes. Trustee Christiansen stated that there is an opportunity cost; and, if this project were to proceed, consideration as to where the funding was coming from and what it would mean for future GWA projects. Trustee Christiansen added that she is hesitant to draw down the cash on hand with major future projects to think about.*

*Mr. Goldsmith asked if this project was only feasible in event of borrowing from the Villages, short of having an influx of cash from those sources, unless GWA defers other projects, which have a more pressing need for maintenance of existing critical equipment. Mr. Streicher stated he was correct, stating that a borrowing or partial borrowing. Mr. Goldsmith asked, in terms of timeframe, in order to take advantage of the credits, there is a need to act quickly, for example, by November.*

*President Senak asked if the contribution by GWA will come from GWA's reserve fund. Trustee Christiansen stated that is one option. Mr. Goldsmith added that by*

*doing so, it would possibly delay other projects. Mr. Streicher stated that GWA does not have a Capital reserve fund and the Capital Fund is a cash on hand fund. Mr. Senak asked if the other projects are budgeted were to have any surplus would be used to cover the cost of this project. Mr. Streicher stated that GWA would still budget the regular O&M amount and any surplus realized at the end of the fiscal year would be rolled into the Capital Fund has been the practice for past years. President Senak stated he is interested in whether deferring projects for this one would be something we would have to consider; and, he is interested in the project and would like GWA contribute if the Villages are, but he is not keen on deferring other projects that relate to the operation of the facility. Mr. Streicher agreed that this project is an extra-curricular project. President Senak stated he is in agreement with Mr. Niehaus' comments of having further analysis on different options to aid in the decision making.*

*Mr. Buckley asked for confirmation that the budget plan for CY2025 does not currently include the solar project. Mr. Streicher confirmed that it is not currently in the CY2025. Mr. Buckley asked if the current budget plan has the Capital fund going negative in 2031, without the solar project and if the project were to proceed, costs could not be recouped until after 2031. Mr. Streicher confirmed that is the case.*

*Mr. Brankin ask Mr. Streicher if he had changed the number from their small group meeting the previous week when a few discrepancies were noted. Mr. Streicher stated that he had not included the repayment. Mr. Buckley asked if the project and repayment were in the alternate budget plan that included. Mr. Streicher confirmed. Mr. Buckley noted that the budget Capital Budget page in the packet and being displayed on the screen, did not reflect the solar project.*

*President Senak stated he gets the sense that the view is that we should go forward, the EOC Committee needs some more detail, and Lombard would like to do some due diligence on their side. Mr. Streicher stated that was the direction GWA was seeking from the EOC Committee, should we just drop this or pursue further. President Senak stated that from his point of view, it is at least worth going to the next step and seeing what alternatives are available and the costs with respect to each municipality. Trustee Bachner agreed.*

*Trustee Christiansen agreed, but asked if this was an all or nothing type project, i.e. do we have to have the sized solar field being proposed or is there a benefit to downscaling, maybe doing a solar field of half or two-thirds the size and see how the numbers shake out. Mr. Streicher stated that the ROI would only grow longer if the field was down-sized, as the idea is the greater the field, the greater the generation, the greater the savings and the incentives. Trustee Christiansen stated that it makes more sense to do it all at once rather than testing it and seeing how well it works. Mr. Streicher stated that this was actually part of the scoring process when reviewing the proposals. Mr. Streicher added that the cheapest field*



*may not garner the best ROI because they are not generating the most and getting the return.*

*President Senak asked if there were any other grants available for a project of this nature. Mr. Streicher stated that this was discussed at the TAC meeting and currently, there is not much available in the way of solar grants per se; however, if a local legislator wanted to set aside money. President Senak stated that he asks as there was a private group that we had spoken with at some point in time, who was interested in making a contribution, but only for solar. Mr. Streicher stated that the group was only offering \$25,000. President Senak suggested reaching out to them and see if the offer is still available, knowing that it will not do much, but feels that any offset is better than none.*

*Mr. Franz stated he felt it was a worthy project to consider, but he is hard pressed to think there will be a decision by November and if that is a hard deadline, as there is a lot to look through and decide. Mr. Franz asked if there were any other projects coming that would require the issuance of bonds that funding for this project might be able to be combined with. Mr. Streicher noted that the final clarifier rehabilitation project will go into design next year, with construction the following year. Mr. Franz suggested maybe combining the two projects as this project is a perfect project for shorter term bonds potentially. Mr. Streicher expressed his hesitation to wait, as by the time the clarifier project is ready for funding, the Inflation Reduction Act credits could either be reduced or discontinued.*

*Mr. Goldsmith asked for confirmation that the extra 10% is what is driving the April deadline. Mr. Streicher stated it was. Mr. Goldsmith asked if the EOC Committee holds off on making the April deadline, knowing that the loss of the 10% is going to result in a slight uptick in ROI; is there any value with GWA proceeding with the filling in the lagoons, and eliminating those development costs from the developer. Mr. Niehaus asked if that would offset the loss of the bonus 10%. Mr. Streicher stated that GWA had looked at that and with including the land development, it became part of the 40%; and if we do not do that as part of the solar field, then GWA does not get the incentive on roughly \$600,000, and the other concern was that GWA could develop the land, and then end up with no one being interested in it or get worse proposals.*

*Trustee Bachner asked if GWA got the solar project up and running, would use of the CHP engines be discontinued. Mr. Streicher stated that they would remain in operation, unless an RNG, renewable natural gas, program were to come out. Mr. Streicher noted that the solar field will only reduce GWA's grid usage by 40%-50%; however, when combined with the CHP should be able to reach 100% off grid. Mr. Streicher added that if the wooded area to the north had been included, then that would have the plant close to 100% off grid.*

*President Senak stated that the consensus is to move forward, but there is a need to address the timing issue, can we meet the deadline. Mr. Goldsmith asked if GWA needs to be under contract by April. Mr. Streicher advised he believed so. Mr. Niehaus stated that the money would not be needed for spending until that time; and believes it is totally worth the effort of rolling up the sleeves and getting to work on developing options. Mr. Goldsmith suggested going back to the TAC and meeting with the Finance Directors to develop options, i.e. meeting the 10% threshold versus not meeting, borrowing, deferring projects, etc. Mr. Niehaus stated that it needs to come back to the EOC Committee with options and not just a yes or no; but let the EOC Committee own and recommend.*

*Mr. Franz stated that it was a lot of work and being short-staffed he appreciates the work that Mr. Streicher put into this evaluation. Mr. Streicher stated that once the Inflation Reduction Act was changed to allow for tax exempt agencies to take advantage, it made the project hard to pass up looking at. Mr. Streicher added that during his eight (8) years at GWA there had been multiple feasibility studies done and none of them ever came back as favorable until now.*

*President Senak asked when Mr. Streicher thought he could present options to the EOC Committee. Mr. Streicher stated he could have something for the October meeting if he reinstates the October TAC meeting.*

7.3 Pending EOC Action Items

- 7.3.1 3-Year Biosolids Hauling Contract
- 7.3.2 Solar Procurement
- 7.3.3 Primary Sludge Direct Feed Line
- 7.3.4 CY2025 Budget
- 7.3.5 Vehicle Purchase

8. Other Business

- 8.1 Technical Advisory Committee Updates
- 8.2 Other items

9. ***Next EOC Meeting*** – The next regularly scheduled EOC Meeting is set for ***Thursday, October 10, 2024 at 8:00 a.m.***

***President Senak called for a motion to adjourn the September 12, 2024 EOC Committee meeting, and President Giagnorio seconded the MOTION. The members responded unanimously to a verbal call of “Aye”. The motion carried. The meeting adjourned at 8:41 a.m.***

Submitted by:

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Gayle A. Lendabarker  
GWA Executive Assistant

**SECTION 6.2**

**VOUCHER REPORTS**

**SEPTEMBER 2024**

**GLENBARD WASTEWATER AUTHORITY  
APPROVAL OF VOUCHERS  
For the meeting in October 2024**

<b>EXPENDITURES:</b>	<b>Check Date</b>	<b>Paid Amount</b>	
Accounts Payable 0924-1	9/16/2024	\$ 32,936.11	
Accounts Payable 0924-2	9/30/2024	\$ 764,799.16	
Accounts Payable 0924-3	9/30/2024	\$ 2,110.06	
		\$ -	
		<b><u>\$ 799,845.33</u></b>	<b><u>\$ 799,845.33</u></b>

<b>PAYROLL EXPENDITURES:</b>	<b>September 6, 2024</b>	<b>September 20, 2024</b>	<b>October 4, 2024</b>	
<b>Net Employee Payroll Checks</b>	<b><u>\$ 37,478.84</u></b>	<b><u>\$ 37,349.81</u></b>	<b><u>\$ 37,369.00</u></b>	
<b><u>Employee &amp; Employer Payroll Deductions:</u></b>				
Employee Deductions*	\$ 19,020.36	\$ 18,965.84	\$ 18,998.77	
IMRF - Employer contribution	\$ 2,351.89	\$ 2,335.44	\$ 2,341.94	
Social Security/Medicare Tax Withheld - Employer portion	\$ 4,130.16	\$ 4,123.75	\$ 4,120.12	
<b>Total Payroll</b>	<b><u>\$ 62,981.25</u></b>	<b><u>\$ 62,774.84</u></b>	<b><u>\$ 62,829.83</u></b>	<b>\$ 188,585.92</b>
			<b>GRAND TOTAL</b>	<b><u>\$ 988,431.25</u></b>

\* Employee deductions include contributions for pensions, health insurance, union dues and other employee directed deductions such as tax withholdings, 457 & 125 plan contributions and supplemental life insurance.

VENDOR INVOICE LIST

INVOICE	P.O.	INV DATE	VOUCHER	WARRANT	CHECK #	INVOICE NET	DUE DATE	TYPE	STS	INVOICE DESCRIPTION	
37 CDW GOVERNMENT, INC.											
AA37Z96F		08/28/2024		0924-1	962724	167.38	09/15/2024	INV	PD	#4019735-PC MONITORS - AU	
47 CINTAS CORPORATION #769											
4201664504		08/12/2024		0924-2	962762	186.08	09/30/2024	INV	PD	#14944758-MAINT SHOP TOWE	
4204631039		09/09/2024		0924-2	962762	186.08	09/30/2024	INV	PD	#14944758-MAINT SHOP TOWE	
						372.16					
62 PADDOCK PUBLICATIONS, INC											
29549		09/05/2024		0924-3		172.00	09/05/2024	INV	PD	BI-MONHTLY NEWSPAPER SUBS	
86 EESCO, A DIVISION OF WESCO DISTRIBUTION INC											
555547		07/15/2024		0924-1	962732	4,070.91	09/15/2024	INV	PD	#81393-99-PLC REPLACEMENT	
97 FIRST ENVIRONMENTAL LABORATORIES, INC.											
185822		08/30/2024		0924-1	962733	356.40	09/15/2024	INV	PD	NPDES TESTING-AUG 2024	
186210		09/19/2024		0924-2	962767	117.60	09/30/2024	INV	PD	LAB SERVICES - SEP 2024	
186239		09/20/2024		0924-2	962767	237.60	09/30/2024	INV	PD	LAB SVCS - SEP 2024	
						711.60					
124 HOME DEPOT USA, INC											
1023389		09/12/2024		0924-2	962770	87.66	09/12/2024	INV	PD	#7714-ELECTRICAL SUPPLIES	
1193583		09/12/2024		0924-2	962770	-37.72	09/12/2024	CRM	PD	#7114-ELECTRICAL RETURNED	
80202631		09/05/2024		0924-2	962770	118.91	09/30/2024	INV	PD	#7114-ELECTRICAL TOOLS -	
						168.85					
157 LEN'S ACE HARDWARE, INC.											
115501-3		08/28/2024		0924-1	962741	53.57	09/15/2024	INV	PD	#331050-OPERATIONS SUPPLI	
115604/3		09/06/2024		0924-1	962741	15.98	09/15/2024	INV	PD	#331050-OPERATIONS SUPPLI	
						69.55					
171 MCMASTER-CARR SUPPLY CO.											
33097898		09/10/2024		0924-2	962772	66.43	09/30/2024	INV	PD	#7735700-MAINT SUPPLIES -	
33382475		09/16/2024		0924-2	962772	46.22	09/30/2024	INV	PD	#7735700-MAINT SUPPLIES -	
						112.65					
185 KONICA MINOLTA BUSINESS SOLUTIONS INC											
295504436		08/30/2024		0924-1	962739	100.00	09/15/2024	INV	PD	#146316-COPIER USAGE-SEP	
236 RAILROAD MANAGEMENT CO.,LLC											
510417		08/28/2024		0924-1	962750	680.32	09/15/2024	INV	PD	#92241-1-LEASE AGREEMENT	
271 TERRACE SUPPLY COMPANY											

VENDOR INVOICE LIST

INVOICE	P.O.	INV DATE	VOUCHER	WARRANT	CHECK #	INVOICE NET	DUE DATE	TYPE	STS	INVOICE DESCRIPTION	
1061882		08/31/2024		0924-1	962755	53.01	09/15/2024	INV	PD	#315850-CYLINDER RENT-AUG	
71052139		09/03/2024		0924-1	962755	295.94	09/15/2024	INV	PD	#315850-NITROGEN CYLINDER	
293 VILLAGE OF GLEN ELLYN						348.95					
432720-JULAUG2024		09/01/2024		0924-1	962734	2.32	09/15/2024	INV	PD	#432720-WATER USAGE-JUL/O	
610130-JULAUG2024		09/01/2024		0924-1	962734	2,139.30	09/15/2024	INV	PD	#310130-WATER USAGE JUL/A	
CHASE 09/24		09/30/2024		0924-3	4044	1,055.03	09/30/2024	DIR	PD	CHASE 09/24	
IFT-238		09/30/2024		0924-2	4041	13,708.34	09/30/2024	DIR	PD	MONTHLY IFT TRANSFER	
295 VILLAGE OF LOMBARD						16,904.99					
21774-001-JUL2024		09/01/2024		0924-1	962743	16.15	09/15/2024	INV	PD	#31774-001-WATER USAGE-JU	
30042-001-JUL2024		09/01/2024		0924-1	962742	923.83	09/15/2024	INV	PD	#30042-001-WATER USAGE JU	
297 W.W. GRAINGER, INC.						939.98					
9232841461		08/29/2024		0924-1	962735	223.40	09/15/2024	INV	PD	#801764762-ELECTRICAL SUP	
9233164962		08/29/2024		0924-1	962735	67.42	09/15/2024	INV	PD	#801764762-OPS SUPPLIES -	
9233164970		08/29/2024		0924-1	962735	32.73	09/15/2024	INV	PD	#801764762-CMAX FIRST AID	
9238286463		09/05/2024		0924-1	962735	242.25	09/15/2024	INV	PD	#801764762-JANITORIAL SUP	
92428093785		09/10/2024		0924-1	962735	50.22	09/15/2024	INV	PD	#801764762-MAINT SUPPLIES	
9251281573		09/17/2024		0924-2	962768	297.63	09/30/2024	INV	PD	#801764762-AED STORAGE CA	
9251295540		09/17/2024		0924-2	962768	22.36	09/30/2024	INV	PD	#801764762-MAINT SUPPLIES	
9256224321		09/20/2024		0924-2	962768	25.98	09/30/2024	INV	PD	#801764762-AED INSPECTION	
481 DELL MARKETING L.P.						961.99					
10769212372		08/31/2024		0924-1	962730	2,276.74	09/15/2024	INV	PD	#9534597-SECURITY MONITOR	
490 COMCAST CABLE COMMUNICATIONS, LLC											
0570017919-SEP2024		08/25/2024		0924-1	962728	387.87	09/15/2024	INV	PD	#8771200570017919-INTERNE	
538 ILLINOIS ENVIRONMENTAL PROTECTION AGENCY											
L17518-BILL10		08/15/2024		0924-2	4043	510,431.67	09/30/2024	DIR	PD	L-17-5180 LOAN PAYMENT #1	
707 APEX MATERIAL HANDLING CORPORATION											
PS110266		08/30/2024		0924-2	962761	3,375.00	09/30/2024	INV	PD	CSE TRAINING-AUG 2024	
738 SUBURBAN LABORATORIES, INC.											
227852		08/26/2024		0924-1	962754	924.20	09/15/2024	INV	PD	LAB SERVICES PRETREATMENT	
228430		09/20/2024		0924-2	962778	1,284.70	09/30/2024	INV	PD	WASTE MGMT TESTING SERVIC	
228492		09/24/2024		0924-2	962778	525.00	09/30/2024	INV	PD	LAB SERVICES - FECAL MONI	
743 GROOT, INC						2,733.90					

VENDOR INVOICE LIST

INVOICE	P.O.	INV DATE	VOUCHER	WARRANT	CHECK #	INVOICE NET	DUE DATE	TYPE	STS	INVOICE DESCRIPTION
13068201T107		09/01/2024		0924-1	962736	489.78	09/15/2024	INV	PD	#310769434001-REFUSE SVCS
		759 NORTHERN SAFETY CO., INC.								
906384354		08/26/2024		0924-1	962746	600.00	09/15/2024	INV	PD	#10970382-PPE-GLOVES-AUG
		768 CINTAS FIRST AID & SAFETY								
8406987681		08/30/2024		0924-1	962725	350.96	09/15/2024	INV	PD	#10127979-FIRST AID SVC-A
		827 ELECTRICAL CONTRACTORS, INC.								
80460		09/06/2024		0924-2	962765	396.00	09/30/2024	INV	PD	#GLLE102-FRONT GATE SAFET
		859 ANALYTICAL SOLUTION, INC								
I2005861		08/25/2024		0924-1	962722	200.00	09/15/2024	INV	PD	H2S TESTING - AUG 2025
		876 PITNEY BOWES, INC								
3106825506		09/10/2024		0924-1	962748	186.54	09/15/2024	INV	PD	#16631770-POST METER RENT
		881 AIRGAS, INC								
5510278941		09/05/2024		0924-1	962720	123.74	09/15/2024	INV	PD	#2024961-CALIBRATION GAS
9153305893	20240003	08/31/2024		0924-1	962720	1,500.00	09/15/2024	INV	PD	YR 3 OF 5 YR LEASE OF ATM
9500869437		09/05/2024		0924-2	962759	12,000.94	09/15/2024	INV	PD	#2024961-LIQUID OXYGEN-AU
9500869652		09/07/2024		0924-2	962759	6,794.94	09/15/2024	INV	PD	#2024961-LIQUID OXYGEN -
9500869846		09/14/2024		0924-2	962759	6,429.95	09/30/2024	INV	PD	#2024961-LIQUID OXYGEN SE
9500870057		09/21/2024		0924-2	962759	11,498.91	09/30/2024	INV	PD	#2024961-LIQUID OXYGEN SE
		38,348.48								
		939 STAPLES CONTRACT & COMMERCIAL INC.								
6010938709		08/31/2024		0924-1	962753	18.26	09/15/2024	INV	PD	DET1680518-OFFICE SUPPLIE
		952 PROGRAM ONE PROFESSIONAL BUILDING SERVICES INC.								
178543		08/27/2024		0924-1	962749	269.00	09/15/2024	INV	PD	QRTRLY WINDOW CLEANING-AU
		985 HOLSTEINS GARAGE								
T-39086		09/05/2024		0924-2	962769	45.00	09/30/2024	INV	PD	SAFETY LANE VEHICL 646 SE
		988 VERIZON WIRELESS SERVICES LLC								
9972268124		08/23/2024		0924-1	962757	906.89	09/15/2024	INV	PD	#942620536-00001-STAFF CE
9972849767		09/01/2024		0924-1	962758	274.49	09/15/2024	INV	PD	#842065533-00001-REMOTE S
		1,181.38								
		994 DIRECT ENERGY MARKETING, INC.								
242420055136101		08/29/2024		0924-1	962731	231.55	09/15/2024	INV	PD	#1846612-ELECTRIC USAGE J
242620055265704		09/18/2024		0924-2	962764	2,433.41	09/30/2024	INV	PD	#1152328-SMALL ACCTS-ELEC
242630055282817		09/19/2024		0924-2	962763	322.15	09/30/2024	INV	PD	#1846612-MAINT ACCOUNT PR

VENDOR INVOICE LIST

INVOICE	P.O.	INV DATE	VOUCHER	WARRANT	CHECK #	INVOICE NET	DUE DATE	TYPE	STS	INVOICE DESCRIPTION
1001 TROTTER AND ASSOCIATES, INC.						2,987.11				
23818	20240015	08/31/2024		0924-2	962782	4,627.00	09/30/2024	INV	PD	ENGINEER-PRIMARY CLARIFIE
23840		08/31/2024		0924-2	962782	928.00	09/30/2024	INV	PD	IDOT UTILITY COORDINATION
23847		08/31/2024		0924-2	962782	264.00	09/30/2024	INV	PD	BRIDGE REPAIR - AUG 2024
23848		08/31/2024		0924-2	962782	660.00	09/30/2024	INV	PD	CSO BRIDGE INSPECTION-AUG
23926	20240011	08/31/2024		0924-2	962782	23,095.00	09/30/2024	INV	PD	PARKING LOT ENGINEERING S
1061 5150, INC						29,574.00				
66512-0		09/04/2024		0924-1	962723	1,940.00	09/15/2024	INV	PD	ELECTTRICAL PARTS - SEP 2
1135 LIBERTY PROCESS EQUIPMENT, INC.										
0104340-IN		09/11/2024		0924-2	962771	9,597.00	09/12/2024	INV	PD	#GLEWA-MOYNO PARTS - SEP
1138 CONSTELLATION ENERGY SERVICES INC										
4120291		09/06/2024		0924-1	962729	1,859.21	09/15/2024	INV	PD	#BG112933-NATURAL GAS USA
1147 ILLINOIS AMERICAN WATER COMPANY										
220008432566-AUG2024		08/26/2024		0924-1	962737	73.55	09/15/2024	INV	PD	#1025220008432566-WATER S
1184 MATTHEW STREICHER										
08/20/2024		09/02/2024		0924-1	962744	26.40	09/13/2024	INV	PD	MILEAGE-MORRISON GROUP
1212 RJN GROUP, INC										
30500220	20240002	09/04/2024		0924-2	962777	11,800.00	09/15/2024	INV	PD	YR 2 OF 6 YR CONTRACT FOR
1218 COLLEY ELEVATOR CO.										
264136		09/01/2024		0924-1	962727	218.00	09/15/2024	INV	PD	#BE0945-ELEVATOR SVC-SEP
1223 CAPITAL ONE NATIONAL ASSN										
317523324029221		08/20/2024		0924-1	962745	21.43	09/15/2024	INV	PD	#5356990-OPERATIONS SUPPL
317523524099800		08/22/2024		0924-1	962745	13.95	09/15/2024	INV	PD	#535690-OPERATIONS SUPPLI
317524024021132		08/27/2024		0924-1	962745	68.86	09/15/2024	INV	PD	#535690-OPERATIONS SUPPLI
317524224079463		08/29/2024		0924-1	962745	12.41	09/15/2024	INV	PD	#535690-MAINT SUPPLIES -
317524924060434		09/05/2024		0924-2	962773	120.49	09/30/2024	INV	PD	#535690-OPERATIONS SUPPLI
317525624062021		09/12/2024		0924-2	962773	65.48	09/30/2024	INV	PD	#535690-MISC STORE PURCHA
1271 SYNAGRO-WWT						302.62				
50964		09/01/2024		0924-2	962779	34,136.20	09/15/2024	INV	PD	#3430-BIOSOLIDS HAULING-A
1282 TALLGRASS RESTORATION, LLC										



VENDOR INVOICE LIST

INVOICE	P.O.	INV DATE	VOUCHER	WARRANT	CHECK #	INVOICE NET	DUE DATE	TYPE	STS	INVOICE DESCRIPTION
2033423		09/03/2024		0924-2	962781	560.00	09/30/2024	INV	PD	POLLINATOR GARDEN VISIT 3 1317 VEOLIA WATER TECHNOLOGIES, INC.
24000934RI0570		08/30/2024		0924-1	962740	1,936.87	09/15/2024	INV	PD	#1069008-ELECTRICAL PARTS 1340 PETRARCA, GLEASON, BOYLE & IZZO LLC
36622		09/09/2024		0924-2	962776	5,000.00	09/15/2024	INV	PD	#G2700-LEGAL SERVICES - A 1344 VEGA BUILDING MAINTENANCE & SUPPLIES INC
101441	20240006	08/30/2024		0924-1	962756	1,262.80	09/15/2024	INV	PD	JANITORIAL SERVICES 1346 SEBERT LANDSCAPING
280900	20240008	09/01/2024		0924-1	962752	3,301.00	09/15/2024	INV	PD	YR 1 LANDSCAPING SERVICES 1361 CMMS DATA GROUP, INC.
00013538-R01	20240018	07/01/2024		0924-2	962775	76,308.75	08/31/2024	INV	PD	3 YR CMMS SUBSCRIPTION \$7 1364 B&B NETWORKS, INC.
29550		09/05/2024		0924-3		317.89	09/05/2024	INV	PD	MONTHLY TELEPHONE SUPPORT 1372 PEERLESS NETWORK, INC.
58766		09/01/2024		0924-1	962747	246.51	09/15/2024	INV	PD	#GLENBARW9564-PHONESVC-AU 1375 SYSERCO MIDWEST INC
4428		09/30/2024		0924-2	962780	6,496.00	09/30/2024	INV	PD	HVAC SYSTEM CONTROLLER UP 1405 CLOUDMELLOW CONSULTING LTD. CO.
243780		09/01/2024		0924-1	962726	95.00	09/15/2024	INV	PD	WEB HOSTING FEES-SEP 2024 1413 AMAZON.COM SALES, INC
11PG-RPYJ-QWRR		09/07/2024		0924-1	962721	-19.48	09/07/2024	CRM	PD	#A59JV3BH7Z8XE- CREDIT FO
19R7-7VX4-KY9L		09/01/2024		0924-1	962721	924.45	09/15/2024	INV	PD	#A59JV3BH7Z8XE-ONLINE PUR
						904.97				
MGT36054	20240016	09/10/2024		0924-2	962774	10,962.40	09/15/2024	INV	PD	TEMP STAFF \$35,000 1428 FAMILY WATERPROOFING SOLUTIONS INC
17503		09/10/2024		0924-2	962766	645.00	09/15/2024	INV	PD	CHP WATERPROOFING - SEP 2 1429 SCIENTIFIC CONTROL LABORATORIES
210688		08/09/2024		0924-1	962751	424.00	09/15/2024	INV	PD	TESTING SERVICES E/M-AUG

VENDOR INVOICE LIST

INVOICE	P.O.	INV DATE	VOUCHER	WARRANT	CHECK #	INVOICE NET	DUE DATE	TYPE	STS	INVOICE DESCRIPTION	
1430 APEX AUTOMATION SOLUTIONS CORP											
2450135		09/10/2024		0924-2	962760	8,860.00	09/15/2024	INV	PD	UNOX AERATION ANNUNCIATOR	
1431 JEA SERVICES INC											
29473		09/04/2024		0924-1	962738	2,300.00	09/15/2024	INV	PD	TUCKPOINTING WORK - SEP 2	
1432 JEWEL OSCO 3340											
29547		09/05/2024		0924-3		45.45	09/05/2024	INV	PD	BEVERAGES FOR STAFF MEETI	
29551		09/05/2024		0924-3		163.89	09/05/2024	INV	PD	SNACKS & BEVERAGES FOR VG	
						209.34					
1433 GSBOOSTERS.ORG											
29546		09/05/2024		0924-3		60.00	09/05/2024	INV	PD	FLOWERS FOR PLANTERS	
1434 BESTBUY.COM											
29556		09/05/2024		0924-3		19.00	09/05/2024	INV	PD	IPHONE/IPAD CHARGING CABL	
29557		09/05/2024		0924-3		72.98	09/05/2024	INV	PD	IPHONE/IPAD CHARGING CABL	
						91.98					
1435 YODECK.COM											
29554		09/05/2024		0924-3		16.00	09/05/2024	INV	PD	YODECK Information Board	
1436 ZOOM.US											
29555		09/05/2024		0924-3		13.59	09/05/2024	INV	PD	ZOOM Account Monthly Fee	
1437 ATT*BILL PAYMENT											
29548		09/05/2024		0924-3		94.23	09/05/2024	INV	PD	BACK UP INTERNET SVCS - A	
1438 TAYST COFFEE ROASTER											
29545		09/05/2024		0924-3		80.00	09/05/2024	INV	PD	COFFEE SUPPLIES AUG 2024	
1439 CSWEA											
29552		09/05/2024		0924-3		25.00	09/05/2024	INV	PD	CSWEA Virtual Conference	
29553		09/05/2024		0924-3		-25.00	09/05/2024	INV	PD	CSWEA Virtual Conference	
						.00					
1440 WATER ONE LLC											
26293TN		08/13/2024		0924-2	962783	43.25	09/30/2024	INV	PD	#1029292-BOTTLE WATER SVC	
27095TN		09/03/2024		0924-2	962783	29.75	09/30/2024	INV	PD	#1029292-BOTTLE WATER SVC	
						799,845.33					
109 INVOICES											

VENDOR INVOICE LIST

INVOICE	P.O.	INV DATE	VOUCHER	WARRANT	CHECK #	INVOICE NET	DUE DATE	TYPE	STS	INVOICE	DESCRIPTION
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\*\* END OF REPORT - Generated by Jenneane Timreck \*\*

## **SECTION 6.3**

# **RATIFICATION OF EMAIL POLL ITEMS**

## **SECTION 6.3.1**

**AUTHORIZATION TO  
REJECT THE BIDS  
RECEIVED AT THE  
SEPTEMBER 18<sup>TH</sup>, 2024  
2025-2027 BIOSOLIDS  
HAULING SERVICES  
PUBLIC BID OPENING**

**From:** [Matt Streicher](#)  
**To:** [Matt Streicher](#)  
**Bcc:** "[giagnoriok@villageoflombard.org](mailto:giagnoriok@villageoflombard.org)"; "[PresidentSenak@glenellyn.org](mailto:PresidentSenak@glenellyn.org)"; "[bachnerb@villageoflombard.org](mailto:bachnerb@villageoflombard.org)"; "[Kelli Christiansen \(Trustee\)](#)"; "[niehauss@villageoflombard.org](mailto:niehauss@villageoflombard.org)"; "[mfranz@glenellyn.org](mailto:mfranz@glenellyn.org)"; [Carl Goldsmith](#); "[Dave Buckley](#)"  
**Subject:** EOC Email Poll - Item for Approval  
**Date:** Friday, September 20, 2024 10:09:00 AM

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Dear Executive Oversight Committee Members,

Typically, the Authority aims to have items that require EOC approval brought to regularly scheduled meetings for approval, however, at times email polls have been performed when deemed appropriate. Due the timing and simplicity of this matter, the Technical Advisory Committee recommended performing an email poll, and ratifying the action at the October 10<sup>th</sup>, 2024 EOC Meeting.

On September 18<sup>th</sup>, 2024, the Authority held a bid opening for it's 2025-2027 Biosolids Hauling Services. Unfortunately, the Authority only received one bid, priced at \$36.95 per cubic yard of biosolids hauled. The basis of bid is on the dollar per cubic yard hauled, as the amount of biosolids produced at the Authority in a given year varies, so it's most appropriate to base the bid on a unit price. The Authority's existing contract is for \$32.95 per cubic yard of biosolids hauled, making this a 12.1% increase over the existing rate. For estimating purposes, it is assumed the Authority will produce 12,000 cubic yards of biosolids per year, which would result in the apparent low bidder's cost about \$48,000 higher per year of the contract – totaling an estimated \$144,000 over the life of the contract.

After speaking with other plan holders who did not submit a bid, the Authority learned that there was interest in bidding the job, but they could not meet the insurance requirements listed in the bid documents. Therefore, the Authority spoke to its legal representation, and was given the recommendation to lower some of the insurance requirements to allow more contractors to be able to bid. The numbers in the existing bid documents were carried over from previous bid openings and were out dated. The Authority's legal representation also indicated it is within the Authority's rights to reject the bid(s) received for any reason and rebid it.

There is no memo accompanying this request for approval, but to summarize, the Authority is seeking a motion to reject the bids received at the September 18<sup>th</sup>, 2024 2025-2027 Biosolids Hauling Services Public Bid Opening, and reissue the bid advertisement.

This email is being used as a platform to perform a poll to obtain your vote, and answer any questions/concerns on the agenda item. Each response will be tracked, and assuming sufficient support is achieved via the poll, the agenda item will be placed on the next full EOC meeting agenda for ratification. If the item is not approved, we will simply regather information as requested by EOC members, and revisit the item at the next regularly scheduled EOC meeting.

**Please reply back to me individually with a "Yea" or "Nay" vote.** In order to avoid a potential violation of the open meetings act, all parties on this email have been sent the email via a blind copy,

as an accidental “reply all” would violate the act.

Please do not hesitate to reach out to me with any questions, again, making sure not to copy other members of the EOC with any such questions. Questions that were submitted can be attached with the item when it is placed on the future full meeting agenda for public viewing.

As always, please feel free to contact me for any reason.

Thanks,



***Matt Streicher, P.E., BCEE***  
**Executive Director**

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**Glenbard Wastewater Authority**

945 Bemis Road | Glen Ellyn, IL 60137

Office: (630) 790-1901 Ext. #126

Fax: (630) 858-8119

Cell: (630) 865-5893

Email: [mstreicher@gbww.org](mailto:mstreicher@gbww.org)

Website: [www.gbww.org](http://www.gbww.org)

Go Green - keep it on screen. Think before you print!

**2025-27 Biosolids Hauling Services**  
**Bid Opening: September 18, 2024 @ 10:00 am**  
**Glenbard Wastewater Authority**  
**945 Bemis Road**  
**Glen Ellyn, IL 60137**

Company/contact info	Contact Info	Sent Date	Bid Basis Amount: Daily Hauling \$ per Cubic Yard	Estimated Total 3 Year	Alternative Hauling
Stewart Spreading	Greg Halmagyi; gregh@stewartspreading.com	8/7/2024	<i>NO Bid</i>		<i>NO Bid</i>
Synagro	Gregory Pizer; gpizer@synagro.com	8/7/2024	<i>\$36.95/</i>	<i>\$1,330,200.00</i>	<i>\$60.<sup>00</sup></i>
Waste Management of IL/MO Valley	Matthew Hernandez; mhernand@wm.com	8/7/2024			
EarthWerks, Inc.	Lora Davies; ldavies@earthwerksinc.com	8/7/2024			
Dahm Enterprises	Bryan Dahm; bdahm@dahmco.com	8/7/2024			
Telum Custom Environmental Services	Jaren Burma; jared@telumces.com	*8/7/2024*			
Utility Transport Service	Pat; pat@utilitytrans.com	8/7/2024			
Midwest Injection	Jamie Recker; jamie@midwestinjection.com	8/8/2024			
Denali Water	Glen C. Knecht; glen.knecht@denaliwater.com	8/12/2024	<i>NO Bid</i>		<i>NO Bid</i>
KLfent	Matt Grabowski; Matt@klfent.com	8/12/2024			
PWXpress.com - Bidding Board	Mary Miller; bids@pwxpress.com	8/30/2024			



**EXECUTIVE OVERSIGHT COMMITTEE PHONE POLL**  
**September 20, 2024**  
**Reject 2025-2027 Biosolids Hauling Bid Results**

<b>COMMITTEE MEMBER</b>	<b>CONTACT INFORMATION</b>	<b>APPROVE</b>
<b>Trustee Bachner</b>	bachnerb@villageoflombard.org	Aye via 9/25/24 email @9:30am
<b>Trustee Christiansen</b>	TrusteeChristiansen@glenellyn.org	Aye via 9/20/24 email @10:13am
<b>President Giagnorio</b>	giagnoriok@villageoflombard.org	
<b>President Senak</b>	PresidentSenak@glenellyn.org	
<b>Manager Franz</b>	mfranz@glenellyn.org	Aye via 9/20/24 email @2:30pm
<b>Manager Niehaus</b>	niehaus@villageoflombard.org	Aye via 9/23/24 email @9:16am
<b>Director Buckley</b>	dbuckley@glenellyn.org	Aye via 9/20/24 email @10:54am
<b>Director Goldsmith</b>	goldsmithc@villageoflombard.org	Aye via 9/24/24 email @1:00pm

**Approvals:**

6 Yes                      0 No                      \_\_\_\_\_ N/A

## **SECTION 6.3.2**

# **AUTHORIZATION TO PURCHASE SPARE PARTS FOR THE COMBINED HEAT AND POWER ENGINES**

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**MEMORANDUM**

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**TO:** Executive Oversight Committee

**FROM:** Matt Streicher, P.E. BCEE, Executive Director

**DATE:** October 10, 2024

**RE:** Authorization to Purchase Spare Parts for the Combined Heat and Power Engines



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After a power failure on Monday, September 9, the Authority's CHP 1 shut down as part of normal protocols during a power failure. Upon attempted to restart the engine, it failed multiple times. After further investigation the throttle control actuator was found to be bad. The Authority had a spare actuator as part of a spare part inventory, which was used to replace the failed actuator, and staff was able to restart the engine to keep it running. Only less than two hours of run time was lost due to the spare part being available immediately.

In order to keep critical parts available in case of failure, it is desired to purchase a new throttle control actuator. This part is proprietary to the manufacturer of the engines, making Nissen Energies is the only supplier for this particular part.

Although the throttle actuator is only \$3,306.45 (shipping included), the Authority has spent in excess of \$25,000 on parts and services from Nissen in CY2024, therefore, all purchases for the remainder of 2024 are required to obtain EOC approval.

Funds will be sourced from budget line items 270-520975, where \$48,437.80 of the original \$64,813.00 budgeted for CHP related expenses remains.

***Therefore, the Authority is requesting a single motion to waive competitive bidding in accordance with Section C.1.f. "Standardization Purchases" of the Village of Glen Ellyn's purchasing policy and to authorize the purchase of a new throttle body actuator in the amount of \$3,306.45 from Nissen Energies, Inc.***

Glenbard Wastewater Authority  
945 Bemis Rd  
60137 Glen Ellyn  
USA



Delivery address  
Glenbard Wastewater Authority  
945 Bemis Rd  
60137 Glen Ellyn  
USA

Quotation no. 23074  
Customer no. 100171  
Offer date 30-09-2024

Our reference: Michael Brandt Nissen  
Your reference: Robert Chejlava

## Quotation

Product	Description	Qty	Unit	Price	Amount
	Option 1				
	Old style throttle actuator				
	Aktuator	1	Pcs.	3.256,45	3.256,45
	Freight	1	Pcs.	50,00	50,00

Requested delivery date: 19-09-2024  
Confirmed delivery date:  
Delivery terms:

USD Sum 3.306,45  
(0,00 %) VAT  
USD total 3.306,45

# **SECTION 7.0**

## **2025-2027 BIOSOLIDS HAULING AND DISPOSAL CONTRACT AWARD**

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**MEMORANDUM**

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**TO:** Executive Oversight Committee

**FROM:** Andrew Pakosta, Operations Superintendent

**DATE:** October 10<sup>th</sup>, 2024

**RE:** **Request for Authorization**  
Biosolids Hauling and Disposal Contract Award

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GWA placed an advertisement in the Daily Herald and requested proposals from several plan holders for the daily removal and disposal of municipal bio-solids from the Glenbard Facility. This contract will commence on January 1<sup>st</sup>, 2025 and end on December 31<sup>st</sup>, 2027. The bid opening was scheduled for September 30 at 10:00 am, where we received 2 sealed bids. Below are the results of the September 30<sup>th</sup> bid opening.

<b>COMPANY</b>	<b>\$/CUBIC YARD</b>	<b>ESTIMATED 3 YEAR TOTAL</b>
Stewart Spreading	\$34.28	\$1,234,080.00
Synagro	\$35.95	\$1,294,200.00

After reviewing all required documents, Stewart Spreading was the lowest responsive, responsible bidder with a hauling rate of \$34.28 per cubic yard (CY) at an estimated \$1,234,080 cost over the entirety of the three-year contract. GWA's bio-solids handling rate in 2024 is \$32.95/CY; by entering into this 3-year contract, our rates will increase by \$1.33/CY, approximately \$16,000 per year. Stewart Spreading is a reputable company with 30 years of relevant bio-solids hauling experience. Additionally, from 2012 – 2018 Stewart Spreading was GWA's primary bio-solids hauler.

GWA is requesting authorization from the EOC to award a three-year contract for Disposal of Municipal Bio-Solids to Stewart Spreading for the amount of \$34.28/CY.

# **SECTION 8.0**

**FINALY CY2025 BUDGET  
REQUESTING  
RECOMMENDATINO FOR  
APPROVAL TO GWA FULL  
BOARD**

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## MEMORANDUM

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**TO:** Executive Oversight Committee  
**FROM:** Matt Streicher, P.E. BCEE, Executive Director  
**DATE:** October 10, 2024  
**RE:** Proposed CY2025 Budget



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At the September 12, 2024, the Authority presented the EOC with a draft budget and memo outlining significant changes and items that have the largest impacts on the proposed budget. That memo is enclosed with this packet, as since that time, there have only been minor changes as summarized below

### **Capital Fund 40**

- Several capital projects that were expected to occur or start in CY2024 that are delayed or deferred have been moved into CY2025's capital budget. These projects include a portion of the Primary Clarifier Improvements Project, the Primary Sludge Direct Feed Line, and the Intermediate Pumping Station and Clarifier Rehabilitation. These changes had no impact on future years overall cash on hand in the capital fund, as funds were simply diverted from one year to the next.

### **Operations & Maintenance 270**

- **Maintenance Support/Contractual** – Updated to an increase of 29.7% (\$15,700) versus the 29.3% (\$15,500) that was communicated in the previous memo. The sole contributor for the increase is the Village of Glen Ellyn Fleet Services fees. In CY2024 GWA benefited from credit for interest income from the Village of Glen Ellyn's vehicle replacement fund (which the Authority does not contribute to) and a credit for surplus equipment sold (which also does not include any Authority surplus equipment sales). An updated number for those services was provided to the Authority in mid-September.
- **Sludge Disposal** – Increase of 4% (\$15,540). After rejecting the single bid that was received at the September 18<sup>th</sup>, 2024 bid opening the 2025-2027 Biosolids Hauling and Disposal contract, the Authority revised the specifications to attract more bidders, and rebid the services with a September 30<sup>th</sup>, 2024 bid opening. The low bid was \$34.28 per cubic yard of biosolids hauled and disposed of. As this is a unit cost contract, the Authority estimates producing approximately 12,000 cubic yards of biosolids in CY2025, resulting in an overall budget number of.



To summarize, at this time the budget has an O&M increase of 5.12% (\$268,193). About 56% of the O&M increase is a result of personnel increases, while nearly 14% of the increase is a result of health insurance costs, and about 7% as a result of the increase in the liquid oxygen costs. This is a lower increase from CY2024's budget, which saw a 6.71% increase.

The budgets overall increase including capital is 4.0% or \$363,385 over the CY2024 approved budget. Comparatively, the Consumer Price Increase for the Chicagoland area was 3.4%

This proposed budget has been reviewed by the Technical Advisory Committee as well as the Finance Directors, who have provided comments that have been addressed.

It is requested that the EOC make a motion to recommend approval of the proposed Glenbard Wastewater Authority's CY2025 Budget to the Full Boards of Glen Ellyn and Lombard at the November 21<sup>st</sup>, 2024 Full Board Meeting located at Lombard Village Hall, 255 E Wilson Avenue, Lombard, IL 60147.



# Glenbard Wastewater Authority

## CY2025 Budget



November 21, 2023

President Mark Senak and  
Members of the Glenbard Wastewater Authority Board  
Glen Ellyn, Illinois 60137

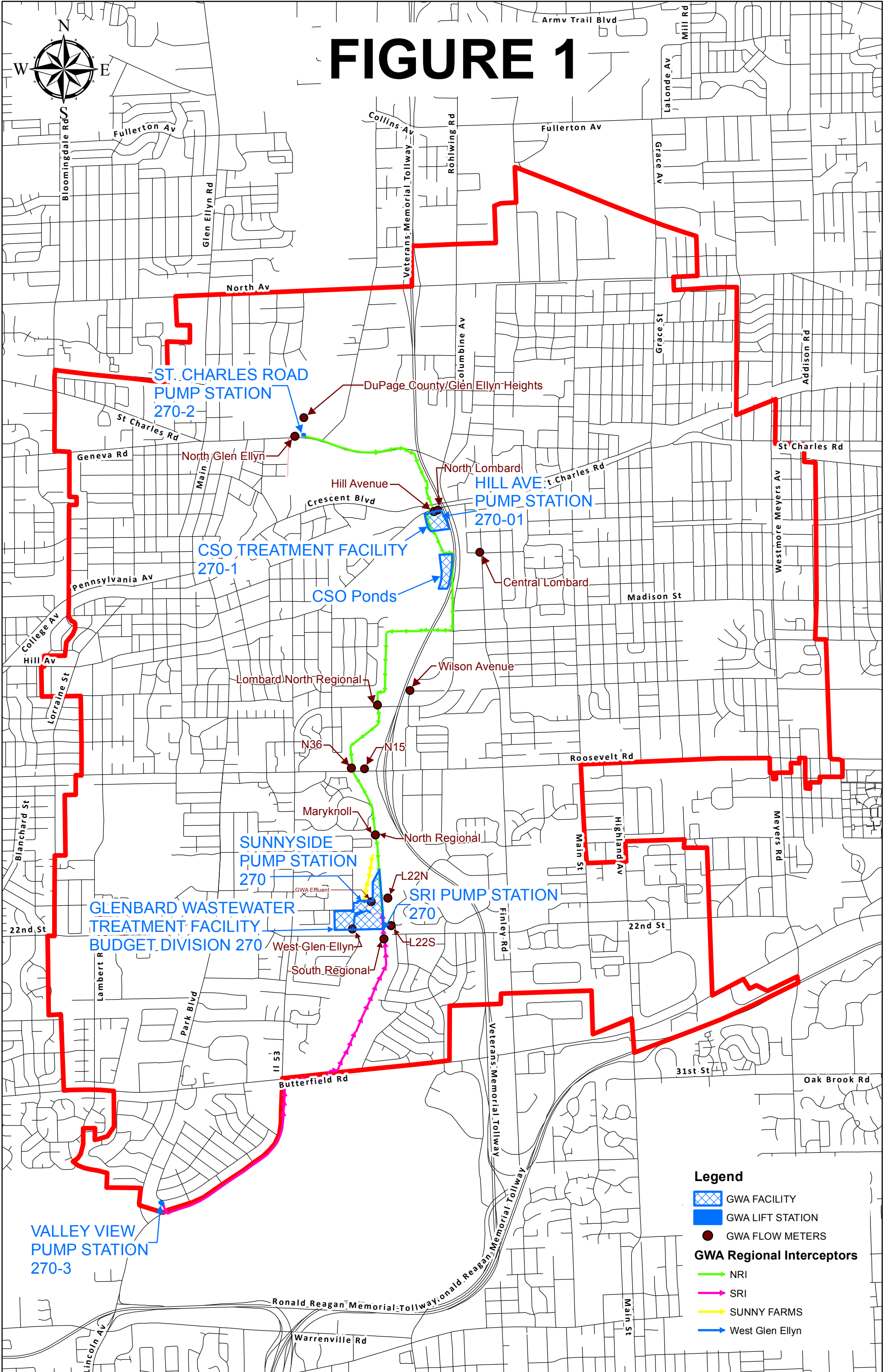
Subject: January 1, 2025 - December 31, 2025 Glenbard Wastewater Authority  
Budget (CY2025)

I am pleased to present for your review and consideration the proposed Glenbard Wastewater Authority (Authority) CY2025 Budget. The Glenbard Team, with the help of the Village Managers, Public Works Directors, and Finance Directors developed the proposed budget that is being recommended for approval to the Glenbard Wastewater Authority Board. The proposed CY2025 partner allocation shows an overall increase of \$363,385, or 4.0%, compared to the approved CY2024 budget. The budget reflects a substantial capital improvement plan with the continuation of projects recommended in the most recent Facility Planning document. The most significant sized project is the continuation of the construction of the Primary Clarifier Improvements Project. Smaller projects include an intermediate pump station rehabilitation, other equipment rehabilitation and replacement, small capital projects, and minor infrastructure upgrades. The Primary Clarifier Improvements Project construction expenses are being offset with a bond. The proposed budget includes funding that will assure continued plant operation that exceeds regulatory standards resulting in improved water quality of the East Branch of the DuPage River.

### **BACKGROUND**

REGIONALIZATION -- The Illinois Pollution Control Board required regionalization of wastewater treatment facilities in 1974 by creating Facility Planning Areas (FPA). The Glenbard FPA, Region IV-B, originally contained 14,000 acres or 22 square miles and has been amended several times by Glen Ellyn and Lombard and now appears to contain approximately 14,157 acres or 22 ¼ square miles. Recommendations for FPA amendments are made to the Villages by the EOC and are usually done to add small adjacent areas. On occasion small adjacent areas are lost to other FPA's. As of October 2018, the Glenbard FPA contains a population equivalent (P.E.) of 107,708 which is an increase of 1,056 (P.E.) from October, 2017. The FPA is projected to contain a P.E. of 109,125 when fully developed. Figure 1 shows the FPA map with the individual components of the Authority.

# FIGURE 1



- Legend**
- GWA FACILITY
  - GWA LIFT STATION
  - GWA FLOW METERS
  - GWA Regional Interceptors**
  - NRI
  - SRI
  - SUNNY FARMS
  - West Glen Ellyn

FACILITIES -- The Glenbard Wastewater Authority was created in 1977 by an intergovernmental agreement between the Village of Lombard and the Village of Glen Ellyn for the purpose of jointly constructing and operating advanced wastewater treatment facilities. The new facilities opened in 1982 and operate 24 hours per day 365 days per year.

The major components of the Authority, as depicted in Figure 1, are the 16.02 MGD (Million Gallons per Day) Glenbard Advanced Wastewater Treatment Facilities, the SRI Lift Station, the Sunnyside Lift Station, the 58.0 MGD Stormwater Plant, the Hill Avenue Lift Station, the North Regional Interceptor (NRI), the St. Charles Road Lift Station, the South Regional Interceptor (SRI), and the Valley View Lift Station.

The Glenbard Advanced Wastewater Treatment Facility is designed to provide Wastewater Treatment to an average flow of 16.02 MGD of domestic wastewater utilizing activated sludge with High Pure Oxygen. The plant utilizes a Supervisory Control and Data Acquisition (SCADA) system which enables the plant to run unmanned during off hours.

The Glenbard Wastewater Authority Stormwater Plant is an excess flow treatment plant that accepts combined sanitary and storm sewer from the Village of Lombard.

In addition to receiving flow from Glen Ellyn and Lombard the Authority also treats flow from the Illinois-American Water Company, a private utility company in the Valley View/Butterfield area, and from DuPage County, in the Glen Ellyn Heights area.

COST -- The grant eligible planning, design and construction costs of the new facilities totaled \$42.6 million dollars in 1982. The individual components and costs are the Glenbard Advanced Treatment Facility at \$27.2 million dollars, the Glenbard Wastewater Authority Stormwater Plant at \$5.6 million dollars, the North Regional Interceptor (NRI) at \$7.2 million dollars, and the South Regional Interceptor (SRI) at \$2.6 million dollars. The design grant was applied for in 1974, and the construction grant was awarded in 1977. The United States Environmental Protection Agency (USEPA) contributed \$32.0 million dollars toward construction. Lombard and Glen Ellyn contributed \$10.6 million. Glen Ellyn, as lead agency, was the recipient of the USEPA funds and administered the federal grant application, processing, and close out. The USEPA grant was closed-out in January of 1990.

REGULATION -- The Glenbard Wastewater Treatment Plant treats approximately 3.5 - 5.5 billion gallons of wastewater (depending on the amount of rain) annually which is discharged to the East Branch of the DuPage River. The Illinois Environmental Protection Agency (IEPA), through a National Pollutant Discharge Elimination System (NPDES) permit, regulates the discharge parameters.

## **AUTHORITY ORGANIZATION**

**AUTHORITY BOARD** - The Board of Trustees from the Villages of Lombard and Glen Ellyn govern the Authority. The primary tasks of the Authority Board are to approve an annual budget and audit. Other major responsibilities are to amend the most current form of the Intergovernmental Agreement and pass other resolutions as needed. The Board generally meets once a year.

**EXECUTIVE OVERSIGHT COMMITTEE** - The Executive Oversight Committee (EOC) was formed in 1984. The EOC is currently composed of the Village Presidents of Lombard and Glen Ellyn, a Trustee from each Village who is appointed by the respective Village President, the Village Managers from Lombard and Glen Ellyn, and the Public Works Director from each village. The EOC meets once a month or when necessary and has the primary responsibilities to set the strategic vision, review and approve all borrowing, contracts and expenditures, recommend FPA amendments, review the audit, and recommend an annual budget.

**OPERATING "LEAD" AGENCY** - The Village of Glen Ellyn is the operating or "lead" agency for the Authority and provides overall supervision, accounting, personnel, and other management services on a contractual basis for the Authority.

**PERSONNEL** – The day-to-day operation of the facilities is overseen by the Authority's Executive Director who is appointed and approved by the Executive Oversight Committee. A preliminary budget allotment of 19 highly qualified individuals who are employed with the Authority. Seventeen employees work full-time while another seven work part-time. Ten employees are certified by the Illinois Environmental Protection Agency in wastewater treatment operations, and four of those hold Class I certificates, the highest certification possible within the State of Illinois. A Class I certificate holder is required to be employed at the Authority due to the volume of flow and nature of the treatment process.

## **BUDGET ORGANIZATION**

The Authority has adopted a calendar year budget to coincide with a January 1<sup>st</sup> to December 31<sup>st</sup> budget year consistent with the lead agency, the Village of Glen Ellyn. Most of the revenues for Authority operations are derived through monthly payments from the two Villages. Additional revenue is realized from connection fees collected on new structures built in the service area, landfill leachate treatment, high strength waste collection, cellular tower land lease agreements and interest income. There are two major funds: Operations and Maintenance (Fund 270) and the Capital Fund (Fund 40).

Div. 270 - Glenbard Plant (SRI Lift Station & Sunnyside Lift Station)  
includes:

- 270-1 – Glenbard Stormwater Plant (Hill Avenue Lift Station)
- 270-2 – North Regional Interceptor (St. Charles Lift Station)
- 270-3 – South Regional Interceptor (Valley View Lift Station)

The following is the fund allocation of the Capital fund:

Fund 40 - Equipment Replacement Fund

**OPERATION AND MAINTENANCE (O&M) DIVISION**

The O&M division records those transactions that are related to the daily operation and maintenance of the Authority. Operations are defined as the control of the treatment processes and equipment that make up the treatment works. This includes personnel management, equipment operation and monitoring, record keeping, laboratory, process control, solids handling, safety and emergency operation planning.

Maintenance is defined as the preservation of functional integrity of equipment and structures. This includes preventive, predictive, and corrective maintenance. The Operations and Maintenance Budget Revenue is allocated to Division 270 with Operations and Maintenance Budget Expenses tracked as follows:

	<b>Estimated CY2024</b>	<b>Proposed CY2025</b>
Division		
270 - Glenbard Plant	\$4,800,737	\$5,263,958
SRI L.S		
Sunnyside L.S		
270-1 - Stormwater Plant	\$ 156,878	\$ 191,918
Hill Ave. L.S		
270-2 - N. Reg. Int.	\$ 30,708	\$ 32,850
St. Charles Rd. L.S		
270-3 - S. Reg. Int.	\$ 30,882	\$ 23,700
Valley View L.S		
	-----	-----
	\$5,019,205	\$5,512,426

### Cash Reserves / Working Cash

#### CY 2024

Cash Reserves at January 1, 2024	<u>1,495,044</u>
CY22 Projected Surplus/(Deficit)	<u>275,028</u>
Projected Cash Reserves at December 31, 2024	<u>1,770,072</u>
Less: Estimated Encumbrances at December 31, 2023	<u>0</u>
Projected Working Cash at December 31, 2024	<u>1,770,072</u>
Less: CY24 Required Minimum Working Cash	<u>(1,311,058) *</u>
<b>Projected Working Cash Surplus at December 31, 2024</b>	<b><u><u>459,014</u></u></b>

### Cash Reserves / Working Cash

#### CY 2025

Projected Cash Reserves at December 31, 2024	<u>1,770,072</u>
CY25 Projected Surplus/(Deficit)	<u>0</u>
Projected Cash Reserves at December 31, 2025	<u>1,770,072</u>
Less: Estimated Encumbrances at December 31, 2024	<u>0</u>
Projected Working Cash at December 31, 2025	<u>1,770,072</u>
Less: CY2024 Required Minimum Working Cash	<u>(1,378,107) **</u>
<b>Projected Working Cash Surplus at December 31, 2024</b>	<b><u><u>391,966</u></u></b>

\* 25% of CY24 Operating Expenses of \$5,244,233

\*\* 25% of CY24 Operating Expenses of \$5,244,233



The seven most significant cost centers in the proposed CY2025 O&M budget are as follows:

1. **Personnel:** The CY2025 proposed GWA team level is at 19.00 full time equivalents (FTE). Personnel costs past years of full-time equivalent staff are shown below. SY14 figures indicate expenses for only 8 months due to transitioning to a calendar year in 2015. The figures are indicative of the efficiencies realized through the elimination of multiple shifts, automation and monitoring, and other optimization measures:

	<u>Budget</u>	<u>Actual</u>	<u>FTE</u>
FY98	\$1,433,080	\$1,212,197	27.5
FY99	\$1,286,970	\$ 981,950	25.0
FY00	\$1,074,863	\$ 837,826	20.0
FY01	\$ 897,041	\$ 720,472	18.3
FY02	\$ 882,500	\$ 806,680	17.9
FY03	\$ 936,000	\$ 919,780	17.0
FY04	\$ 979,600	\$ 974,996	16.8
FY05	\$1,065,500	\$1,120,334	15.9
FY06	\$1,163,100	\$1,127,850	15.9
FY07	\$1,219,100	\$1,140,272	15.9
FY08	\$1,254,550	\$1,112,348	14.9
FY09	\$1,197,300	\$1,102,174	14.3
FY10	\$1,235,100	\$1,188,486	15.8
FY11	\$1,328,200	\$1,308,850	15.8
FY12	\$1,372,900	\$1,314,985	15.8
FY13	\$1,368,150	\$1,306,959	15.8
FY14	\$1,410,000	\$1,373,903	15.8
SY14	\$1,066,800	\$1,012,932	17.8
CY15	\$1,555,700	\$1,545,123	17.8
CY16	\$1,619,400	\$1,570,642	18.8
CY17	\$1,647,000	\$1,583,225	18.8
CY18	\$1,612,000	\$1,583,762	18.8
CY19	\$1,728,690	\$1,700,842	18.8
CY20	\$1,797,543	\$1,738,147	18.75
CY21	\$1,827,670	\$1,808,559	18.75
CY22	\$1,912,464	\$1,648,288	19.00
CY23	\$1,870,648	\$1,824,735	19.00
CY24	\$1,958,435	\$1,918,711	19.00 (Estimated)
CY25	\$2,139,964		20.00 (Budgeted)

2. **O&M:** Expenses are budgeted in the amount of \$1,067,528. This includes electrical, mechanical, operational, laboratory and administrative operation and maintenance of plant equipment and the maintenance of buildings and grounds. It is imperative that the capital investment that the Villages have made in their wastewater facility be

operated and maintained appropriately. These funds, coupled with those in Fund 40 allocated to Plant Equipment Rehabilitation, provide an excellent plan to operate and maintain the Glenbard Plant process equipment. Maintenance funds cover both routine and non-routine repairs.

3. **Utilities:** Electric power, natural gas, water, and telecommunications comprise Utilities, the third largest cost center in the O&M budget. The sum of these utility costs is shown below. The largest component of the utility bill is electrical power used for pumping systems, mixing, and various in-plant processes.

	<u>Actual</u>	
FY05	\$606,375	
FY06	\$588,400	
FY07	\$693,128	
FY08	\$1,194,869	
FY09	\$769,137	
FY10	\$873,093	
FY11	\$976,915	
FY12	\$1,163,751	
FY13	\$752,600	
FY14	\$799,084	
SY14	\$560,071	(8 Month Budget)
CY15	\$760,826	
CY16	\$1,023,100	
CY17	\$645,708	
CY18	\$672,769	
CY19	\$692,316	
CY20	\$618,717	
CY21	\$610,330	
CY22	\$522,580	
CY23	\$650,400	
CY24	\$646,262	(Estimated)
CY25	\$699,900	(Budgeted)

4. **Support Services:** The following are budgeted as support for each of the specific disciplines; Operations, Maintenance, Maintenance Building and Grounds, and Electrical. The CY2025 budget is proposed at a cumulative amount of \$471,035. This includes the cost of specialized support services that are more effectively and/or efficiently purchased or contracted than completed internally. Support Services range from \$200 per year for software support to \$141,600 per year which includes upgraded flow meters, data analysis and meter maintenance fees.

5. **Insurance:** Expenses are budgeted in the amount of \$448,200 for Liability and Health. This number represents all insurance required for the Authority's daily business.

6. **Liquid Oxygen:** The newer process of having liquid oxygen delivered versus producing it onsite provides the Authority with flexibility to operate the biological process with lower dissolved oxygen levels which translate into saving cost on liquid hauling. The budget amount for this line item is \$377,000.
7. **Fees:** Expenses are budgeted in the amount of \$308,799. Fees include payments for service, memberships, or regulatory fees during CY2025.

**CAPITAL FUND**

This fund records those transactions that are related to the capital expenditures of the Authority. Capital can be spent on replacing “like for like” equipment at its useful life or for upgrading old processes to new technology.

The revenue for the capital plan is funded via the following components: equipment replacement fund, interest earned in the Capital and O&M funds, sanitary sewer/GWA connection fees paid to both Villages, landfill leachate treatment, cell tower revenues, miscellaneous revenues and borrowing.

	<b>Estimated</b>	<b>Proposed</b>
	CY2024	CY2025
Fund 40 – Equip. Replacement		
Debt Payment	\$ 2,270,529	\$ 1,949,828
Project Expenses	\$ 3,209,552	\$ 9,657,139
Property Acquisition	\$ 470,000	\$ 0
Total	\$ 5,950,082	\$ 11,606,967

Proposed CY2025 capital expenses of \$11,606,967 are 95% or higher than the CY2024 estimated capital expenses of \$5,950,082. CY2024’s most significant project started but due to long lead times, most expenses will not be incurred until CY2025. Several other projects are scheduled to begin in CY2025.

**ALLOCATION OF EXPENSES**

The Villages of Lombard and Glen Ellyn split the expenses for system operation and maintenance according to wastewater flows contributed by each partner based on the previous five (5) year average.

A total of 17 remote meters are located at key points in the Authority’s system to enable the Authority to monitor flows which are allocated for billing purposes between the Villages of Lombard and Glen Ellyn. The Flow Meters also identify the flows associated with non-member entities such as DuPage County located on the North side of the GWA Facility Planning Area, and Illinois American Water Company located on the South side of the GWA Facility Planning Area.

In CY2025 a five-year average flow split of 41.51% (Glen Ellyn) and 58.49% (Lombard) is being utilized to estimate the expense allocations for the Wastewater Treatment Facilities. The true ups during the budget year will adjust the members budgeted portions as the flow splits become actual.

The CY2025 budget is inclusive of O&M Division 270 with expense allocation tracking for all facilities. Glen Ellyn recoups some of their operating costs through billings to DuPage County and Illinois-American Water Company.

The **Total O&M Budget Allocation** estimates are as follows:

	<b>Budgeted CY2024</b>	<b>Proposed CY2025</b>
Village of Lombard	\$3,093,432	\$3,218,369
Village of Glen Ellyn	<u>\$2,140,801</u>	<u>\$2,284,057</u>
<b>Total</b>	<b>\$5,234,233</b>	<b>\$5,502,426</b>

The overall O&M contribution by the two Villages has increased by \$363,385 or 4.0% more than the CY2024 budget. The allocation to the Villages for the support of the O&M portion of the budget is \$5,502,426. The allocation to the Villages for support of the proposed Capital Fund is \$3,902,863.

**CONCLUSION**

The total proposed CY2024 budget and comparisons are as follows:

	<b>Budgeted CY2024</b>	<b>Proposed CY2025</b>
O&M	\$ 5,244,233	\$ 5,512,426
Capital	<u>\$ 13,026,912</u>	<u>\$ 11,606,967</u>
Total	\$ 18,271,145	\$ 17,119,392

Respectfully Submitted,



Matt Streicher, P.E., BCEE, PO, ENV SP  
Executive Director  
Glenbard Wastewater Authority

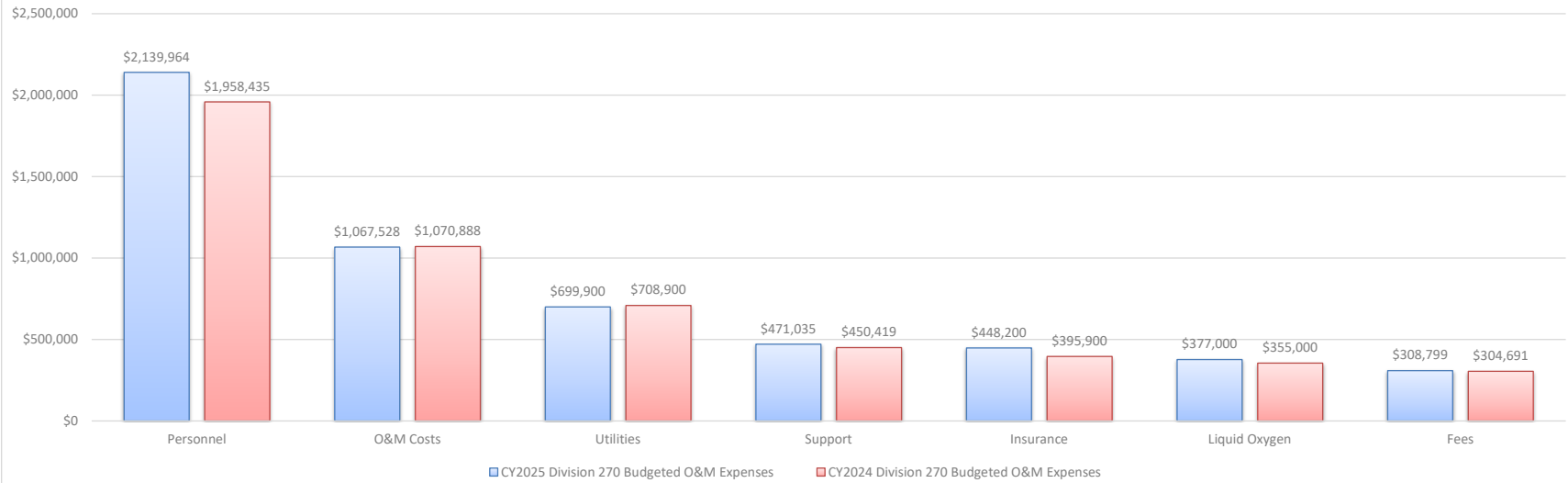
Glenbard Wastewater Authority  
 Budget CY2025  
 All Funds  
 Expense Allocation to Partners

<b>APPROVED CY2024 EXPENSES ALLOCATED TO PARTNERS</b>			
	LOMBARD	GLEN ELLYN	TOTAL
Fund 27 -- Operation & Maintenance Fund	3,093,432	2,140,801	5,234,233
<b>TOTAL O&amp;M BUDGET</b>	<b>3,093,432</b>	<b>2,140,801</b>	<b>5,234,233</b>
<b>CAPITAL EQUIPMENT REPLACEMENT FUND</b>	<b>2,077,085</b>	<b>1,730,587</b>	<b>3,807,671</b>
<b>TOTAL O&amp;M AND CAPITAL BUDGETS</b>	<b>5,170,516</b>	<b>3,871,388</b>	<b>9,041,904</b>
<b>ESTIMATED ACTUAL CY2024 EXPENSES ALLOCATED TO PARTNERS</b>			
	LOMBARD	GLEN ELLYN	TOTAL
Div. 270 -- Glenbard Plant / SRI L.S. / Sunnyside L.S.	2,837,235	1,963,501	4,800,737
270-1 -- Stormwater Plant / Hill Ave L.S.	92,715	64,163	156,878
270-2 -- North Reg. Int. / St. Charles Rd. L.S.	18,149	12,560	30,708
270-3 -- South Reg. Int. / Valley View L.S.	18,251	12,631	30,882
<b>TOTAL O&amp;M BUDGET</b>	<b>2,966,350</b>	<b>2,052,855</b>	<b>5,019,205</b>
<b>CAPITAL EQUIPMENT REPLACEMENT FUND</b>	<b>2,077,085</b>	<b>1,730,587</b>	<b>3,807,671</b>
<b>TOTAL O&amp;M AND CAPITAL BUDGETS</b>	<b>5,043,435</b>	<b>3,783,441</b>	<b>8,826,876</b>
<b>CY2023 BUDGET OVER (UNDER)</b>	<b>(127,082)</b>	<b>(87,947)</b>	<b>(215,028)</b>
<b>PROPOSED CY2025 PARTNERS ALLOCATION</b>			
	LOMBARD	GLEN ELLYN	TOTAL
Fund 27 -- Operation & Maintenance Fund	3,218,369	2,284,057	5,502,426
<b>TOTAL O&amp;M BUDGET</b>	<b>3,218,369</b>	<b>2,284,057</b>	<b>5,502,426</b>
<b>CAPITAL EQUIPMENT REPLACEMENT FUND</b>	<b>2,117,108</b>	<b>1,785,755</b>	<b>3,902,863</b>
<b>TOTAL O&amp;M AND CAPITAL BUDGETS</b>	<b>5,335,477</b>	<b>4,069,812</b>	<b>9,405,289</b>
<b>Proposed CY2025 Partners Allocation Compared to Approved Expenses Allocated to Partners CY2024:</b>			
<b>Operation &amp; Maintenance</b>	<b>\$124,937</b> 4.04%	<b>\$143,256</b> 6.69%	<b>\$268,193</b> 5.12%
<b>Capital Improvements</b>	<b>\$40,023</b> 1.93%	<b>\$55,168</b> 3.19%	<b>\$95,192</b> 2.50%
<b>Total O&amp;M and Capital Budgets</b>	<b>\$164,961</b> 3.2%	<b>\$198,424</b> 5.1%	<b>\$363,385</b> 4.0%

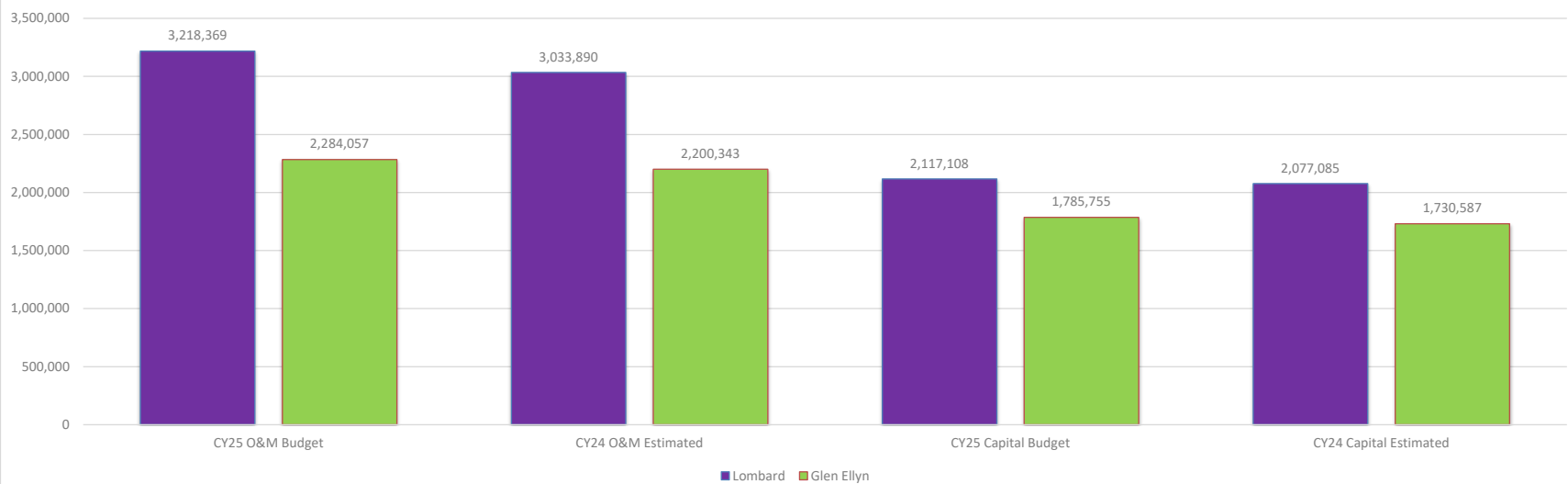
<b>Glenbard Wastewater Authority</b>				
<b>Budget CY2025</b>				
<b>SUMMARY BY DIVISION</b>				
<b>Operations &amp; Maintenance</b>				
Expense Allocation to Partners	<b>Actual</b>	<b>Budgeted</b>	<b>Estimated</b>	<b>Budgeting</b>
<b>REVENUES</b>	<b>CY2023</b>	<b>CY2024</b>	<b>CY2024</b>	<b>CY2025</b>
Div. 270 -- Glenbard Wastewater Authority	4,904,986	5,234,233	5,234,233	5,502,426
<b>Interest O&amp;M Fund</b>	<b>70,551</b>	<b>10,000</b>	<b>50,000</b>	<b>10,000</b>
<b>Miscellaneous Revenue</b>	<b>39,559</b>	<b>0</b>	<b>10,000</b>	<b>0</b>
<b>IRMA Reimbursement</b>	<b>6,053</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Total Revenues</b>	<b>5,021,149</b>	<b>5,244,233</b>	<b>5,294,233</b>	<b>5,512,426</b>
	<b>Actual</b>	<b>Budgeted</b>	<b>Estimated</b>	<b>Budgeting</b>
<b>EXPENSES</b>	<b>CY2023</b>	<b>CY2024</b>	<b>CY2024</b>	<b>CY2025</b>
Div. 270 -- Glenbard Plant / SRI L.S. / Sunnyside L.S.	4,512,445	4,995,765	4,800,737	5,263,958
270-1 -- Stormwater Plant / Hill Ave L.S.	110,531	191,918	156,878	191,918
270-2 -- North Reg. Int. / St. Charles Rd. L.S.	19,115	32,850	30,708	32,850
270-3 -- South Reg. Int. / Valley View L.S.	26,305	23,700	30,882	23,700
<b>Total O&amp;M Expense:</b>	<b>4,668,396</b>	<b>5,244,233</b>	<b>5,019,205</b>	<b>5,512,426</b>
<b>Village of Glen Ellyn O&amp;M Expenditures</b>	<b>1,893,035</b>	<b>2,144,891</b>	<b>2,049,341</b>	<b>2,288,208</b>
<b>Village of Lombard O&amp;M Expenditures</b>	<b>2,775,361</b>	<b>3,099,342</b>	<b>2,969,863</b>	<b>3,224,218</b>
<b>Budget (Over) Under</b>	<b>352,753</b>	<b>0</b>	<b>275,028</b>	<b>0</b>
<b>Use of Available Cash</b>				

<b>Glenbard Wastewater Authority</b>				
<b>CY2025 Total Budget</b>				
	<b>Actual</b>	<b>Budgeted</b>	<b>Estimated</b>	<b>Budgeting</b>
	<b>CY2023</b>	<b>CY2024</b>	<b>CY2024</b>	<b>CY2025</b>
<b>Operations &amp; Maintenance</b>	\$4,668,396	\$5,244,233	\$5,019,205	\$5,512,426
<b>Capital Costs</b> (Expenses & Debt Repayment)	\$3,183,757	\$13,026,912	\$5,930,272	\$11,606,967
<b>TOTAL</b>	<b>\$7,852,153</b>	<b>\$18,271,145</b>	<b>\$10,949,476</b>	<b>\$17,119,392</b>

CY2024/CY2025 Division 270 Budgeted O&M Comps



CY2024/CY2025 Member Contribution Comps



**DIVISION 270  
GLENBARD PLANT  
and  
THE SRI LIFT STATION  
and  
SUNNYSIDE LIFT STATION  
O&M NARRATIVE**

Division 270 is the main treatment facility. The facility treats, on average, 12 million gallons per day (MGD). The flow is conveyed via two interceptors:

- ~The North Regional Interceptor (SRI)
- ~The South Regional Interceptor (NRI)

These interceptors end at a junction chamber that is located on the eastern property line. Once they have reached the junction chamber, one 60" sewer conveys the flow under the East Branch of the DuPage River and into the GWA Treatment Facility. The 22<sup>nd</sup> Street sewer pipe also conveys flow to the junction chamber, but is not considered an interceptor since it is the property of the Village of Lombard.

The SRI Lift Station is located on the southeastern corner of the Glenbard Plant. The station was built in 1992 to alleviate the overpowering flow of wastewater from the NRI that created sanitary sewer overflows of the South Regional Interceptor. The wastewater that is pumped through the SRI Lift Station is conveyed to the station by the South Regional Interceptor which receives flow exclusively from collection systems operated and maintained by Illinois-American Water, a private utility company regulated by the Illinois Commerce Commission. Glenbard provides wastewater treatment for Illinois-American Water, who pays a user charge for this service to the Village of Glen Ellyn.

The Sunnyside Lift Station which was built in 1979 as part of the re-aligning of the North Regional Interceptor (NRI) during the construction of the new Glenbard Wastewater Authority Treatment Facility. The NRI at the time was on the west side of the East Branch of the DuPage River. The construction of the new Glenbard plant re-aligned the NRI to the east side of the East Branch of the DuPage River. The homeowners that had laterals leading directly to the NRI needed to be serviced, so the creation of the Sunnyside Lift Station came to be. The lift station serves less than twelve residents along Sunnybrook Road.

Flow through the Glenbard Plant is billed to both the Village of Lombard and the Village of Glen Ellyn based on monthly flow billing.



**Budget CY2025**

**Operations & Maintenance**

**Division 270**

**Expense Allocation to Partners**

**REVENUE**

		<b>Actual CY2023</b>	<b>Budgeted CY2024</b>	<b>Estimated CY2024</b>	<b>Budgeting CY2025</b>
<b>Operation/Maintenance</b>					
450010	Glen Ellyn Share - 41.51%	2,012,941	2,148,263	2,200,343	2,284,057
450015	Lombard Share - 58.49%	2,892,045	3,104,214	3,033,890	3,218,369
	Partners Allocation	4,904,986	5,252,477	5,234,233	5,502,426
	<b>Interst Income - O&amp;M Fund</b>	<b>70,551</b>	<b>10,000</b>	<b>50,000</b>	<b>10,000</b>
	<b>Misc. Revenue</b>	<b>39,559</b>	<b>0</b>	<b>10,000</b>	<b>0</b>
	<b>IRMA Reimbursement</b>	<b>6,053</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>DIVISION 270</b>		<b>5,021,149</b>	<b>5,262,477</b>	<b>5,294,233</b>	<b>5,512,426</b>

NOTE: The flow splits used to calculate partner payments for CY2025 are as follows:

Flow Split for Glen Ellyn: 41.51%  
 Flow Split for Lombard: 58.49%  
 (for 5 yrs. Average ending 12/31/23)

NOTE: The flow splits used to calculate partner payments for CY2024 are as follows:

Flow Split for Glen Ellyn: 40.90%  
 Flow Split for Lombard: 59.10%  
 (for 5 yrs. Average ending 12/31/22)

NOTE: The flow splits used to calculate partner payments for CY2023 are as follows:

Flow Split for Glen Ellyn: 40.21%  
 Flow Split for Lombard: 59.79%  
 (for 5 yrs. Average ending 12/31/21)

**Budget CY2025**  
**Operations and Maintenance**  
**Division 270**  
**Expense Allocation to Partners**

Footnotes

**EXPENSES**

		Actual CY2023	Budgeted CY2024	Estimated CY2024	Budgeting CY2025	% Difference CY24-CY25	\$ Difference CY24-CY25
<b>Personnel Services</b>							
510100	Salaries - Regular	1,525,825	1,600,000	1,619,064	1,750,000	9.4%	150,000
510110	Salaries - Part-Time Ops.	59,083	65,000	63,599	65,000	0.0%	0
510200	Salaries - Overtime	47,786	66,000	36,390	66,000	0.0%	0
510300	Salaries - Temporary/Seasonal	6,800	18,000	0	19,000	5.6%	1,000
510400	FICA	121,028	133,799	127,196	145,350	8.6%	11,552
510500	IMRF	64,214	75,636	72,463	94,614	25.1%	18,977
	State Unemployment	0	0	0	0	0.0%	0
	<b>Total</b>	<b>1,824,735</b>	<b>1,958,435</b>	<b>1,918,711</b>	<b>2,139,964</b>	<b>9.3%</b>	<b>181,529</b>
<b>Contractual Services and Commodities</b>							
520301	Tuition Assistance	0	8,000	0	0	-100.0%	(8,000)
520305	Employee Recognition	628	1,000	1,000	1,000	0.0%	0
520600	Dues/Subs./Fees	13,378	14,184	13,957	14,334	1.1%	150
520615	Recruiting/Testing	349	1,000	1,048	1,000	0.0%	0
520620	Employee Education	20,046	32,200	16,844	31,700	-1.6%	(500)
520625	Travel (Mileage)	120	300	0	300	0.0%	0
520700	Pro. Serv.-Legal Support	31,310	15,000	15,000	15,000	0.0%	0
520750	Legal Notices	422	1,000	580	1,000	0.0%	0
520775	Regulatory Fees	52,868	53,241	0	53,241	0.0%	0
520776	DuPage River Salt Creek Work Group Fee	36,218	37,305	37,305	38,424	3.0%	1,119
520806	Pro. Serv.-Lab Support	25,792	27,500	25,500	30,500	10.9%	3,000
520816	External Consulting Fees	12,588	30,000	12,000	30,000	0.0%	0
520825	Audit Fees / Pro. Serv. - Acct.	13,500	13,800	13,800	17,900	29.7%	4,100
520885	Insurance - Liability (MICA)	123,690	137,000	127,101	143,900	5.0%	6,900
520893	Wellness/Health Incentives	0	0	0	0	0.0%	0
520895	Insurance - Health	252,526	258,900	255,334	304,300	17.5%	45,400
520970	Maint. - Bldg. & Grds.	4,129	9,950	7,466	9,950	0.0%	0
520971	Bldg. & Grounds - Support	45,692	67,665	51,825	61,540	-9.1%	(6,125)
520975	Maint. - Equipment	118,888	147,038	99,335	128,138	-12.9%	(18,900)
520976	Maint. - Support	145,082	52,950	110,776	68,650	29.7%	15,700
520980	Maint. - Electronics	66,701	64,000	66,026	70,000	9.4%	6,000
520981	Elect. - Support	234,985	260,136	288,661	268,177	3.1%	8,041
520990	Operations - Supplies	9,836	22,700	23,902	23,700	4.4%	1,000
520991	Operations - Support	12,771	12,000	6,519	12,000	0.0%	0
521055	Professional Services - Other Support	0	4,000	920	4,000	0.0%	0
521130	Overhead Fees	145,500	136,161	136,100	134,900	-0.9%	(1,261)
521150	Sludge Disposal - Land Applied	212,890	385,000	381,304	400,540	4.0%	15,540
521195	Telecommunications	25,959	28,900	26,872	29,900	3.5%	1,000
521201	Electric Power	350,066	450,000	422,848	450,000	0.0%	0
521202	Natural Gas	62,791	120,000	101,919	110,000	-8.3%	(10,000)
521203	Water	23,061	15,000	13,176	15,000	0.0%	0
521204	Self-Gen Gas	5,238	8,000	5,200	8,000	0.0%	0
530100	Office Expenses	13,668	14,000	12,248	14,200	1.4%	200
530106	Operating Supplies - Lab	12,892	17,500	21,850	19,500	11.4%	2,000
530107	Pretreatment Expenses	47,230	8,800	8,408	8,500	-3.4%	(300)
530200	Administrative Purchases	0	1,000	0	1,000	0.0%	0
530225	Safety	25,505	23,100	23,166	31,700	37.2%	8,600
530440	Chemicals	158,913	198,000	149,638	189,000	-4.5%	(9,000)
530443	Liquid Oxygen	377,295	355,000	399,851	377,000	6.2%	22,000
530445	Uniforms	5,183	6,000	4,546	6,000	0.0%	0
	<b>Total</b>	<b>2,687,710</b>	<b>3,037,330</b>	<b>2,882,025</b>	<b>3,123,994</b>	<b>2.9%</b>	<b>86,664</b>
	<b>TOTAL DIVISION 270</b>	<b>4,512,445</b>	<b>4,995,765</b>	<b>4,800,737</b>	<b>5,263,958</b>	<b>5.4%</b>	<b>268,193</b>

## **CY2025 DIVISION 270 O&M FOOTNOTES**

**(1) SALARIES (\$1,750,000):**

This budget number includes salaries provided for seventeen (17) full-time staff members. In addition, for CY2025, this number is including an additional full-time staff member for 75% of the year, as the Authority intends to hire an additional Maintenance Mechanic prior to the announced retirement of the Authority's Maintenance Mechanic I in January 2026. The budgeting of an additional full-time staff member is not planned to continue after January 2026.

**(2) SALARIES - PART-TIME OPERATORS (\$65,000):**

The Glenbard Plant operates 24 hours per day, 7 days per week. The SCADA System monitors the plant while it is not manned. Work is required on weekends and holidays to assure continued treatment and processing to meet stream discharge standards. Most of this work involves solids processing that must be done 7 days per week. Since roughly 1999 the Authority has used Part-Time Operators to provide operational inspections and solids processing on weekends and holidays. The use of five (5) part-time operations staff has allowed the full-time operations staff to work a regular work week without needing to work swing shifts or weekend work unless a situation arises. This has worked out well, and has resulted in not only better working arrangements for the full-time operations staff, but also utilizes an expanded pool of operators who can be called upon to help with the plant operations and are also paid at a lower part-time rate. This item is based on the equivalent of one (1) full time 40 hour per week employee. The item also covers the Part-Time Laborer position, a 20/week position, and temporary administrative assistance for when the Executive Assistant is absent.

**(3) SALARIES – OVERTIME (\$66,000):**

The Authority continues to trend overtime and manage this expense with best management practices in mind. Overtime costs are largely subject to unanticipated circumstances, such as weather, equipment breakdowns, and other unforeseen items.

**(4) SALARIES – TEMPORARY/SEASONAL (\$19,000):**

This budget number includes 2 seasonal workers

**(5) EMPLOYEE EDUCATION (\$31,700):**

The employee education budget includes costs for attendance at seminars, conferences, and other educational courses – and includes travel costs and reimbursements. In addition to encouraging staff to receive continuing education, in 2019 the Illinois Environmental Protection Agency revised the requirements for Wastewater Operators to maintain their licenses, and now require continuing education, therefore we know staff will need to attend more events in order to keep their status current. Also, in CY25 WEFTEC will be in Chicago instead of New Orleans (every other year rotation), therefore, less costs are associated with attendance this year, assisting in lowering this budget item.

(6) **PROFESSIONAL SERVICE LEGAL (\$15,000):**

This item is used for legal needs regarding projects and contract reviews, lease agreements, access, and all other legal consultation. This item was increased for CY2021 due to the anticipated need for additional legal services in relation to the Facility Improvements Project, therefore, it had been lowered back down to its traditional amount starting in CY22.

(7) **DUPAGE RIVER SALT CREEK WORK GROUP (\$38,424):**

The increase in the work group dues is a direct correlation to the support we provide as members to keep the administrative functions in tact as the Authority continues to collaborate with the IEPA with regards to its NPDES permits. The project initiatives that the East / West Branch DuPage River & Salt Creek watersheds are providing to the IEPA are imperative to the impacts of the nutrient standards relating to point source dischargers. The work group has been recognized by the IEPA as a leader in developing remediation to stream standards particularly relating to habitat improvements. The work group believes that stream remediation is the path to healthier streams and rivers versus costly implementation of nutrient discharge limits at treatment plants for phosphorus and total nitrogen. Educating communities about chloride utilization, storm water best management practices, and the discontinued use of coal tar sealants have also been important functions provided by this group. The IEPA has granted the Authority with almost three full permit cycles (14 years) without impending NPDES limits for phosphorus, and plans to continue to negotiate at every continuing permit cycle to reach a goal of putting the nutrient requirements off until 2035.

(8) **External Consulting Fees (\$30,000):**

This item covers the cost to hire a consulting engineer for small specific tasks required to implement equipment changes, operational changes or general consultation. In CY2021 the amount was increased by \$5,000 due to the need for assistance to fulfill all the requirements mandated in the Authority's new NPDES permit issued towards the end of CY2021, however, those need will continue into CY2024. In addition, more funds are being budgeted in this account due to the Authority only having one engineer on staff, who is also the Director, and therefore will have greater needs for consulting engineering services.

(9) **AUDIT FEES (\$17,900):**

The Audit fees for the Authority cover the cost of the Village of Glen Ellyn as the "Operating Agency" to hire a third-party financial firm to provide an audit of the CY2024 financials. The Authority entered into a two year price lock with it's auditors for the CY2024 and CY2025 audits.

(10) **INSURANCE LIABILITY (\$143,900):**

This item represents the annual premium cost of the Authority's coverage with Municipal Insurance Cooperative Agency (MICA), a pooled insurance program, which provides a protected self-insured plan. Included in this expense line is the annual premium payment to MICA for CY2025 and an excess liability policy. This Line item is a 5% increase what was in the CY2024 budget. Liability insurance consists of 2/3's Workman Comp costs and 1/3 Property insurance costs.

**(11) INSURANCE HEALTH (\$304,300):**

Health care is provided through the Village of Glen Ellyn insurance plan. This line item reflects a \$45,400 increase over the CY2024 budget number of \$258,900. In addition to increased health insurance costs, the Authority has two vacancies and anticipated new position moving into CY2025, and therefore, conservative estimates are being made as to which coverages, or if those staff members will choose to insured under the Authority's plan.

**(12) MAINTENANCE SUPPORT (\$68,650):**

This line item reflects work previously budgeted in the Maintenance-Contractual line item. This represents a \$15,700 increase from the CY2024 budget number of \$52,950, all of which is an increase in Equipment Services Support from the Village of Glen Ellyn. In CY2024 the Authority benefited from credit for interest income from the Village of Glen Ellyn's vehicle replacement fund (which the Authority does not contribute to) and a credit for surplus equipment sold (which also does not include any Authority surplus equipment sales). These credits lowered CY2024's budget amount, and it is now returning to amounts seen in previous years.

**(13) ELECTRICAL SUPPORT (\$268,177)**

This line item reflects a 3.1% increase in CY2025 compared to CY2024 budget number of \$260,136. In addition to some additional subscription/license fees, the Authority continues to see year over year increases on annual software and technology fees.

**(14) OVERHEAD FEES (\$134,900):**

Overhead fees per the Intergovernmental Agreement (IGA) are based on the annually published CPI-U Chicago increases, but are to be recalculated every 3 years. This year, the Finance Directors for the member Villages reviewed the demands of the Authority regarding the Operating Agency's responsibility for oversight and performed that recalculation.

**(15) SLUDGE DISPOSAL FEES (\$400,540):**

In CY2024 the Authority saw significant increase in costs due to an Illinois Bill that passed requiring prevailing wages for biosolids hauling/spreading. Due to the uncertainty of the market, the Executive Oversight Committee approved a one-year extension with the existing hauler at a mutually agreed upon price. In late CY2024, the Authority had a bid opening for the CY2025-2027 Sludge Hauling contract and saw a 4% increase in the price. This budgeted number reflects the new contract amount, and includes the costs of hauling sludge off plant site daily in order to better mitigate odors.

**(16) ELECTRIC POWER (\$450,000):**

In CY2021 the Authority entered into a new four-year agreement with Direct Energy for a fixed fee of \$0.03958/kWh that took effect in February, 2022. Power consumption is directly impacted by wet weather conditions impacting our facilities. The Authority originally estimated this cost to be much lower (\$300,000) due to the potential electricity being produced by Combined Heat & Power (CHP) engine generators, however due the uncertainty of the co-digestion/HSW program, and its effect on the ability to generate more electricity, conservative

numbers have been reinserted into the budget. Based on historical usage, the Finance Directors recommended the \$450,000 budget number for CY2025.

**(17) NATURAL GAS (\$110,000):**

In CY2020 The Authority signed a three-year agreement which began in CY2021 (April 1) with Constellation Energy Services for a fixed fee of \$2.83 per dekatherm. These were historically low rates. In CY2023, after competitively procuring prices, the Authority found the low price of \$4.671 per dekatherm, and the new contract took effect in March 2024.

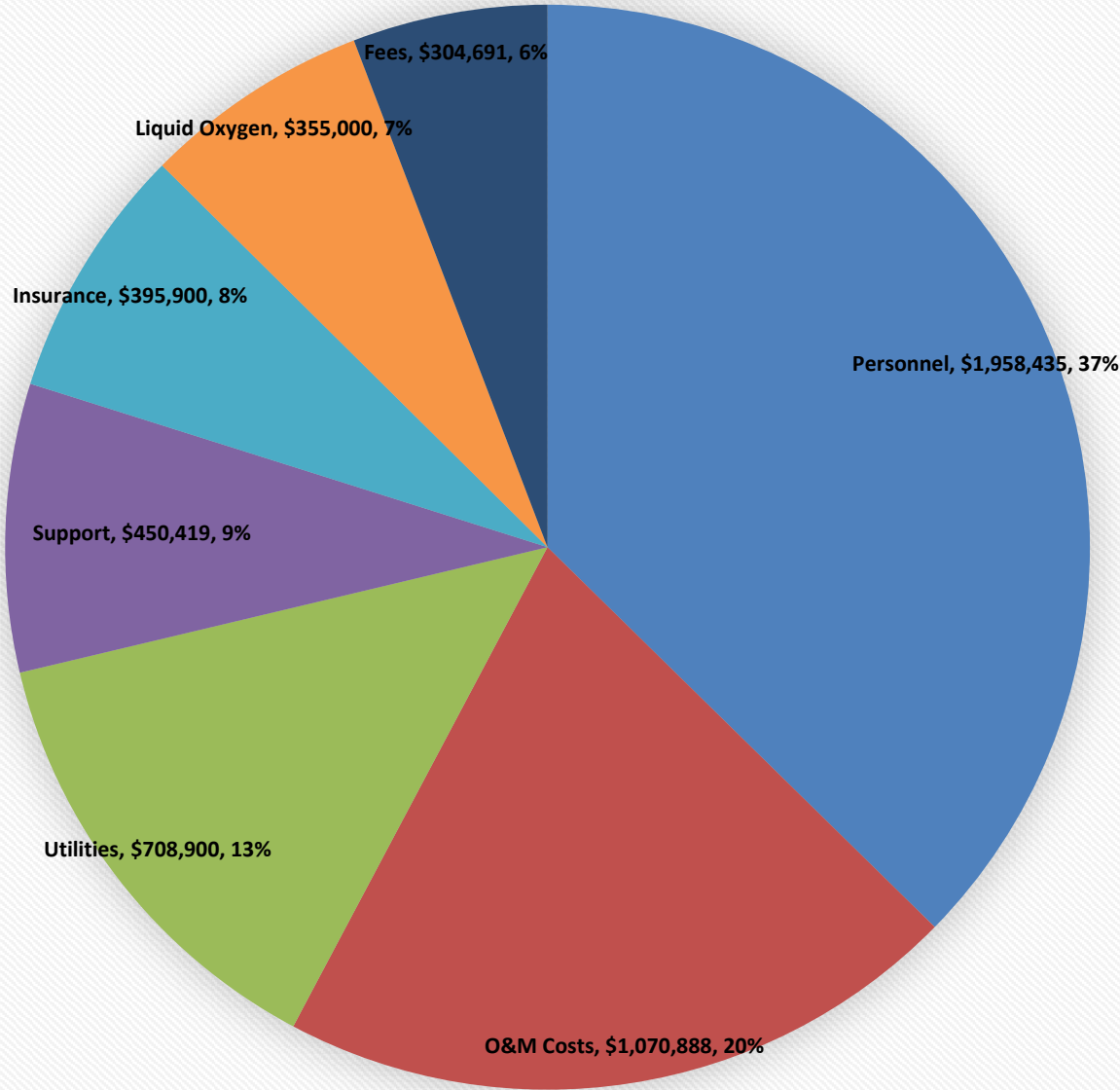
**(18) CHEMICALS (\$189,000):**

Chemicals used in the daily operation of the plant are included in this section at expected levels consistent with our recent history. Different chemicals are used for sludge dewatering, odor control, acid wash, and mineral deposition throughout the plant.

**(19) Liquid Oxygen (\$377,000)**

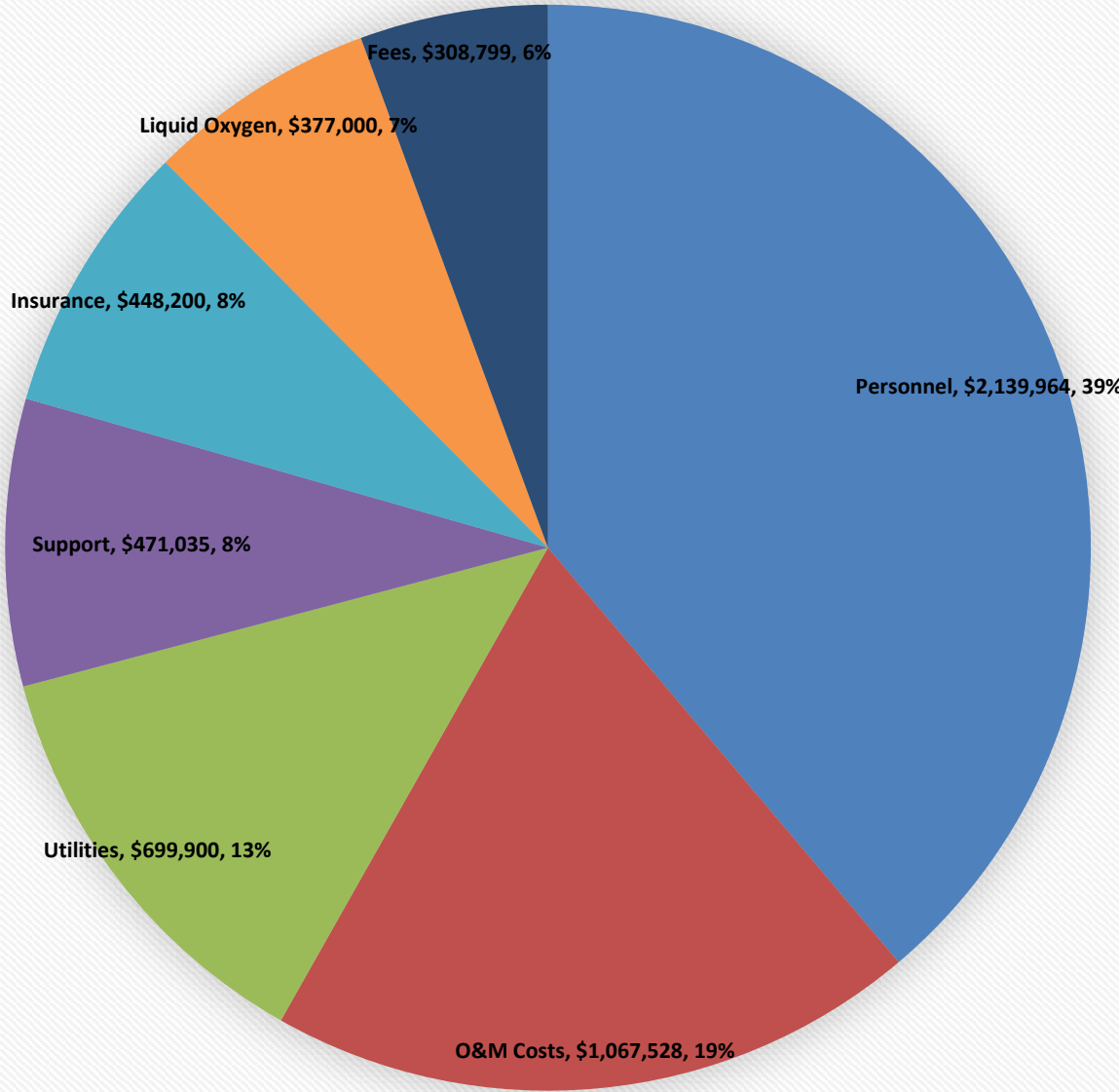
In CY2018 the Authority began to haul in pure oxygen from an outside provider. The transition to hauling it from an outside provider has allowed the Authority to start using less energy, while still operating the high purity oxygen system, and gave the ability to fine tune operations prior to converting to a biological nutrient removal process. Performing the transition could avoid shocks to the biological components of the overall treatment process as a result of moving directly from High Purity Oxygen (HPO) Activated Sludge process to Biological Nutrient Removal (BNR). The transition to liquid hauling also consumes less staff time since the cryogenic plant is no longer in operation. In CY2024, a reconciliation was performed to determine average liquid oxygen usage alongside the updated pricing, with the hopes to make this number as accurate as possible.

# CY2024 O&M Expenses



■ Personnel ■ O&M Costs ■ Utilities ■ Support ■ Insurance ■ Liquid Oxygen ■ Fees

# CY2025 O&M Expenses



■ Personnel ■ O&M Costs ■ Utilities ■ Support ■ Insurance ■ Liquid Oxygen ■ Fees



**Glenbard Wastewater Authority  
CY2025 Personnel Budget  
Division 270 -- 510100-510500**

Item	Comments	CY24 Budgeted	CY25 Budgeting
510100	Salaries - Regular	1,600,000	1,750,000
510110	Part - Time Operations = 1.0 Full Time Equivalent	65,000	65,000
510200	Laboratory Overtime	2,000	2,000
510200	Ops. Reg. Overtime	3,000	3,000
510200	High Flow Overtime	3,000	3,000
510200	Ops. Call-In Overtime	10,000	10,000
510200	Ops. SCADA Monitoring Overtime	21,000	21,000
510200	Maint. Regular Overtime	4,000	4,000
510200	Maint. Call-In Overtime	10,000	10,000
510200	Elec. Reg. Overtime	4,000	4,000
510200	Elec. Call-In Overtime	9,000	9,000
510300	Seasonal Labor = .5 Full Time Equivalent	18,000	19,000
	Salaries Regular, PT Ops & Seasonal	1,683,000	1,834,000
	Salaries Overtime (3)	66,000	66,000
	<b>Salaries</b>	<b>1,749,000</b>	<b>1,900,000</b>
510400	FICA - 7.65%	133,799	145,350
510500	IMRF - 5.21%	75,636	94,614
	<b>Personnel Services</b>	<b>\$1,958,435</b>	<b>\$2,139,964</b>

**Glenbard Wastewater Authority  
CY2025 Tuition Budget  
270 520301**

<b>Item</b>	<b>Recommendation</b>	<b>CY24 Budgeted</b>	<b>Total</b>	<b>CY25 Budgeting</b>	<b>Total</b>
Tuition Assistance	Tuition Assistance	8,000		0	
<b>Total</b>			<b>\$8,000</b>		<b>\$0</b>

**Glenbard Wastewater Authority**  
**CY2025 Recognition/Awards Budget**  
**270 520305**

<b>Item</b>	<b>Recommendation</b>	<b>CY24 Budgeted</b>	<b>Total</b>	<b>CY25 Budgeting</b>	<b>Total</b>
Recognition/Awards	Miscellaneous (Manager's Discretion)	1,000		1,000	
<b>Total</b>		<u>1,000</u>	<u><b>\$1,000</b></u>	<u>1,000</u>	<u><b>\$1,000</b></u>

**Glenbard Wastewater Authority  
CY2025 Dues/Fees/Subscriptions Budget  
270 520600**

Item	Recommendations	CY24 Budgeted	Total	CY25 Budgeting	Total
Dues/Fees/Subs.	Water Environment Federation - Memberships	2,000		2,000	
	WEF - Publications	0		0	
	NACWA	1,100		1,100	
	IAWA	5,100		5,100	
	Midwest Biosolids Association	500		500	
	ISAWWA	250		0	
	SHRM Membership (Gayle)	244		244	
	International Society of Automation	140		140	
	Conservation Foundation	250		250	
	FAA Bi-Annual Renewal (\$600, CY24)	600		600	
	License Renewals-Drivers/Electrician/Engineering	1,000		1,000	
	Julie - Locating Services	500		500	
	Newspaper Subscriptions	2,000		2,400	
	Various Memberships (Amazon, Costco, etc.)	500		500	
		<b>\$14,184</b>		<b>\$14,334</b>	

**Glenbard Wastewater Authority  
CY2025 Recruit/Test Budget  
270 520615**

<b>Item</b>	<b>Recommendation</b>	<b>CY24 Budgeted</b>	<b>Total</b>	<b>CY25 Budgeting</b>	<b>Total</b>
Recruiting/Testing	Pre-Employment Screening	1,000	<u>1000</u>	1,000	<u>1000</u>

**Glenbard Wastewater Authority  
CY2025 Employee Training/Education Budget  
270 520620**

		CY24 Budgeted	CY25 Budgeting
<b>Administration</b>	<b>Employee Education - Administration</b>		
	WEFTEC -- Chicago, IL		
	Streicher	2,500	1,000
	Assistant Director	2,500	1,000
	CSWEA. IWEA, IAWA (Meetings/Conferences)	5,000	5,000
	NACWA Pretreatment Conference - Staat	3,000	3,000
	IPSI - Illinois Public Sector Institute Training (or MAPSI):		
	Streicher - Year 3 of 3 year training program	2,000	1,500
<b>Operations</b>	<b>Employee Education - Operations (5 Operators)</b>		
	WEFTEC -- New Orleans, LA	0	0
	IPSI - Illinois Public Sector Institute Training		
	Operator - Year 1 of 3 year training program	0	0
	Dillmann - Year 3 of 3 year training program	2,000	2,000
	Misc Tech Seminars	2,000	2,000
	Central States WEA, IAWA State Conferences	4,000	4,000
<b>Maintenance</b>	<b>Employee Education - Maintenance</b>		
	WEFTEC -- New Orleans, LA	0	0
	Facilities Maintenance Show -- 4 Maint Mech (Chicago)	200	200
	Maintenance Based Courses/Seminars (APWA Snow and Ice)	500	500
	IPSI - Illinois Public Sector Institute Training	0	0
	Mechanic - Year 1 of 3 year training program	2,000	2,000
	Misc Tech Seminars	3,000	3,000
<b>Electrical</b>	<b>Employee Education - Electrical</b>		
	Misc Tech Seminars	0	0
	WEFTEC -- New Orleans, LA		
	IPSI - Illinois Public Sector Institute Training		
	Electrical - Year 2 of 3 year training program Joe Solita - Spring	2,000	2,000
	Electrical - Year 1 of 3 year training program Phil Dziewior - Fall	0	2,000
	Facilities Maintenance, ISA Shows -- R. Freeman, P. Dziewior & J. Solita (Chicago)	500	500
<b>Lab</b>	<b>Employee Education - Laboratory</b>		
	Misc Tech Seminars	1,000	1,000
	NACWA Recognition Conference		1,000
		<b>\$32,200</b>	<b>\$31,700</b>

This fund is inclusive of all costs associated with each Training/Education item, including transportation(non-mileage), hotel, rental car, and meals.

**Glenbard Wastewater Authority  
CY2025 Mileage Reimbursement Budget  
270 520625**

<b>Item</b>	<b>Recommendation</b>	<b>CY24 Budgeted</b>	<b>Total</b>	<b>CY25 Budgeting</b>	<b>Total</b>
Travel	Travel for Seminars/Training				
	Manufacturing Trade Shows	0		0	
	I-Pass	300		300	
		<hr/>			
		<b>\$300</b>		<b>\$300</b>	

**Glenbard Wastewater Authority  
CY2025 Pro. Svc. Legal Budget  
270 520700**

<b>Item</b>	<b>Recommendation</b>	<b>CY24 Budgeted</b>	<b>Total</b>	<b>CY25 Budgeting</b>	<b>Total</b>
Pro. Svc. Legal	Contracted Legal Assistance	15,000		15,000	
<b>Total</b>			<b>\$15,000</b>		<b>\$15,000</b>



**Glenbard Wastewater Authority  
CY2025 Legal Notices  
270 520750**

<b>Item</b>	<b>Recommendation</b>	<b>CY24 Budgeted</b>	<b>Total</b>	<b>CY25 Budgeting</b>	<b>Total</b>
Legal Notices	Chicago Tribune Daily Herald	1,000		1,000	
		<hr/> <b>\$1,000</b>		<hr/> <b>\$1,000</b>	

**Glenbard Wastewater Authority**  
**CY2025 Regulatory Fees**  
**270 520775**

Item	Recommendation	CY24 Budgeted	Total	CY25 Budgeting	Total
Glenbard Plant	IEPA Regulatory Fees associated with the NPDES permit and sludge disposal permit as legislated by State.	53,000		53,000	
	IEPA ROSS Air Emissions Fee	241		241	
		<b>\$53,241</b>		<b>\$53,241</b>	

**Glenbard Wastewater Authority  
 CY2025 DuPage River Salt Creek Work Group Commitment  
 270 520776**

Recommendation	CY24 Budgeted	Total	CY25 Budgeting	Total
GWA      Workgroup Membership Dues	37,305		38,424	

Based on the approval of TMDL (Total Max. Daily Load) reports which address the water quality of the local streams and rivers relative to their Dissolved Oxygen and Chloride Levels, the IEPA has directed all wastewater treatment facilities in DuPage County to reserve funds for the efforts to improve water in Salt Creek and the East/West Branches of the DuPage River. This proposed funding is based on Work Group method established on January 26, 2005 and represents Contribution for the Glenbard Wastewater Authority by Million Gallons per Day.

The Work group research has found that habitat improvement is showing positive signs after multiple dam removal efforts. DRSCWG is working with the IEPA to help promote scientific data for improved watershed quality.

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	<b>\$37,305</b>		<b>\$38,424</b>
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**Glenbard Wastewater Authority  
 CY2025 Prof. Svc. Lab. Budget  
 270 520806**

<b>Item</b>	<b>Recommendation</b>	<b>CY24 Budgeted</b>	<b>Total</b>	<b>CY25 Budgeting</b>	<b>Total</b>
Cont. Lab Testing	Contract Laboratories (Metals)	27,500		27,500	
	Digester Testing				
	Monthly Process Testing				
	Monthly Sludge Fecal Testing				
	NPDES Biomonitoring Testing	0		3,000	
			<b>\$27,500</b>		<b>\$30,500</b>

Glenbard Wastewater Authority  
CY2025 Prof. Svc. Eng. Budget  
270 520816

Item	Recommendation	CY24 Budgeted	Total	CY25 Budgeting	Total
Pro. Serv. Engr.	External Consulting Fees	30,000		30,000	
		<hr/>		<hr/>	
			<b>\$30,000</b>		<b>\$30,000</b>

**Glenbard Wastewater Authority  
 CY2025 Prof. Svc. Acct. Budget  
 270 520825**

Item	Recommendation	CY24 Budgeted	Total	CY25 Budgeting	Total
Pro. Svc. Acct.	Contracted Audit/Acct. Fees	12,800		13,400	
	Workpaper Preparation	1,000			
	Single Audit for SRF Disbursements			4,500	
		<b>\$13,800</b>		<b>\$17,900</b>	

**Glenbard Wastewater Authority  
CY2025 Insurance Liability Budget  
270 520885**

<b>Item</b>	<b>Recommendation</b>	<b>CY24 Budgeted</b>	<b>Total</b>	<b>CY25 Budgeting</b>	<b>Total</b>
Ins.-Liability	Fees for Liability Coverage	137,000	<b>\$137,000</b>	143,850	<b>\$143,900</b>

All Facilities included - Property Portion Equals 1/3 of Total Portion

Total Liability Insurance Amount: \$143,900 is a 5% increase over budgeted amount of \$137,000 for CY2024

**Glenbard Wastewater Authority  
CY2025 Health Insurance Fees Budget  
270 520895**

Item	Recommendation	CY24 Budgeted	Total	CY25 Budgeting	Total
Ins. - Health	Fees for Employee Health Insurance Coverage	258,900		304,300	
		<b>\$258,900</b>		<b>\$304,300</b>	

Total Health Insurance amount reflects 17.54% increase over the budgeted amount of \$258,900 for CY2024



**Glenbard Wastewater Authority  
 CY2025 - Buildings and Grounds Budget  
 Maintenance  
 270 520970**

Description	Recommendations	CY24 Budgeted	Total	CY25 Budgeting	Total
GWA Building/Grounds	Janitorial Supplies for Custodians	2,500		2,500	
	Door/Lock/Misc Repairs	1,750		1,750	
	Bldg./Equipment. Painting Supplies (Non-Contract)	750		750	
	Misc. Repair Parts	2,000		2,000	
	Mulch	400		400	
	Planting Beds	300		300	
	Grass Seed	750		750	
	Topsoil	1,500		1,500	
			<b>\$9,950</b>		<b>\$9,950</b>

**Glenbard Wastewater Authority**  
**CY2025 - Buildings and Grounds - Support Budget**  
**Maintenance**  
**270 520971**

<b>DESIGNATION</b>	<b>RECOMMENDATIONS</b>	<b>CY24 Budgeted</b>	<b>Total</b>	<b>CY25 Budgeting</b>	<b>Total</b>
Glenbard Plant	Roofing Systems Survey	0		0	
	Contractor Door/Lock Repairs	2,500		2,500	
	Spoil Removal	0		0	
	Shop Towel Service	2,500		2,500	
	Fire Extinguisher Service/Repairs	2,900		3,000	
	Elevator Service/Repairs	0		0	
	Elevator Press Tests	1,500		1,500	
	Elevator Inspections	3,000		3,000	
	Landscape Maintenance	20,640		20,640	
	One-time Landscape/Shrub Cleanup	8,000		8,000	
	Pest Control	300		1,800	
	Tru-Green Chemlawn - Turf/Shrub Disease Control	5,000		5,000	
	Contracted Window Repairs	1,000		1,000	
	Contracted Janitorial Service	17,500		9,500	
	Unanticipated Contracted Building/Grounds Repairs	2,000		2,000	
	Admin Window Cleaning Contract	825		1,100	
			<b>\$67,665</b>		<b>\$61,540</b>

**Glenbard Wastewater Authority  
CY2025 Equipment Maintenance Budget  
270 520975**

<b>Building</b>	<b>Designation</b>	<b>CY24 Budgeted</b>	<b>CY25 Budgeting</b>
A	Bar Screen	3,150	4,400
B	Raw Pump	2,700	2,700
C	Grit Removal	3,950	3,950
D	Primary Pump	2,350	2,350
E	Primary Scum	425	425
F	Unox	8,700	8,700
H	Screw Pump	8,750	9,600
I	Final Clarifiers	3,000	3,000
J	Pump & Metering	3,350	2,350
L	Sand Filter	1,800	1,800
N	Warehouse	100	100
P	Press	6,050	6,050
Q	Cryo.	3,100	3,100
R	Administration	2,000	2,000
S	Maint. Garage	5,750	4,750
T	Electrical Shop	700	700
U	Digester	3,950	3,950
V	Co-Gen	1,500	7,500
Y	Combined Heat and Power	64,813	39,813
Z	SRI Lift Station	3,250	3,250
	Miscellaneous	17,650	17,650
	<b>TOTAL</b>	<b>\$147,038</b>	<b>\$128,138</b>

**Glenbard Wastewater Authority**  
**CY2025 Equipment Maintenance Budget**  
**Maintenance**  
**270 520975**

<b>Designation</b>	<b>Recommendations</b>	<b>CY24 Budgeted</b>	<b>Total</b>	<b>CY25 Budgeting</b>	<b>Total</b>
<b>Bldg A - Bar Screen</b>	Bar Screen PM/Repairs	1,200		1,200	
	Rag Washer PM/Repairs	1,750		3,000	
	Isolation Gate PM/Repair	100		100	
	Potable Water System PM/Repairs	0		0	
	Non-Potable Water System PM/Repairs	100		100	
			<b>\$3,150</b>		<b>\$4,400</b>
<b>Bldg B - Raw Pump</b>	Potable Water System PM/Repair	100		100	
	Non-Potable Water System PM/Repair	1,500		1,500	
	Raw Pump PM/Repair	1,000		1,000	
	Isolation Gate PM/Repair	100		100	
			<b>\$2,700</b>		<b>\$2,700</b>
<b>Bldg C - Grit</b>	Potable Water System PM/Repairs	100		100	
	Non-Potable Water System PM/Repairs	100		100	
	Grit Collection System PM/Repairs	200		200	
	Grit Pump System PM/Repairs	100		100	
	Grit Washer System PM/Repairs	750		750	
	Blower System PM/Repairs	200		200	
	Odor Control PM/Repair	2,500		2,500	
			<b>\$3,950</b>		<b>\$3,950</b>
<b>Bldg D - Primary Pump</b>	Potable Water System PM/Repairs	0		0	
	Sump Pump System PM/Repairs	250		250	

**Glenbard Wastewater Authority**  
**CY2025 Equipment Maintenance Budget**  
**Maintenance**  
**270 520975**

<b>Designation</b>	<b>Recommendations</b>	<b>CY24 Budgeted</b>	<b>Total</b>	<b>CY25 Budgeting</b>	<b>Total</b>
	Non-potable Water System PM/Repairs	100		100	
	Sludge Pump System PM/Repairs	1,000		1,000	
	Scum System PM/Repairs	1,000		1,000	
			<b>\$2,350</b>		<b>\$2,350</b>
<b>Bldg E - Primary Scum</b>	Potable Water System PM/Repairs	100		100	
	Non-Potable Water System PM/Repairs	75		75	
	Scum Compation System PM/Repairs	250		250	
	Odor Control System PM/Repairs	0		0	
			<b>\$425</b>		<b>\$425</b>
<b>Bldg F - Unox</b>	Seal Antifreeze	0		0	
	Unox System PM/Repairs	200		200	
	Mixer PM/Repairs	7,500		7,500	
	Valve Repair/Replacement	1,000		1,000	
			<b>\$8,700</b>		<b>\$8,700</b>
<b>Bldg H - Screw Pump</b>	V-Belts	750		1,600	
	Grease	6,500		6,500	
	Drive Oil	1,500		1,500	
			<b>\$8,750</b>		<b>\$9,600</b>
<b>Bldg I - Final Clarifiers</b>	Enclosure Insulation	500		500	
	Final Clarifier PM/Repair	2,000		2,000	

**Glenbard Wastewater Authority  
CY2025 Equipment Maintenance Budget  
Maintenance  
270 520975**

<b>Designation</b>	<b>Recommendations</b>	<b>CY24 Budgeted</b>	<b>Total</b>	<b>CY25 Budgeting</b>	<b>Total</b>
	Valve PM/Repair	<u>500</u>		<u>500</u>	
			<b>\$3,000</b>		<b>\$3,000</b>
<b>Bldg J - Pump and Metering</b>	Sludge Pumping System PM/Repair	1,500		1,500	
	Odor Control System PM/Repair	1,000		0	
	Potable Water System PM/Repair	100		100	
	Nitro Waste System PM/Repair	500		500	
	Non-Potable Water System PM/Repair	<u>250</u>		<u>250</u>	
			<b>\$3,350</b>		<b>\$2,350</b>
<b>Bldg L - Disc Filter</b>	Potable Water System PM/Repair	50		50	
	Non-Potable Water System PM/Repair	250		250	
	Disc Filter PM/Repair	<u>1,500</u>		<u>1,500</u>	
			<b>\$1,800</b>		<b>\$1,800</b>
<b>Bldg N - Warehouse</b>	Shelving Rehab	<u>100</u>		<u>100</u>	
			<b>\$100</b>		<b>\$100</b>
<b>Bldg P - Press</b>	Sludge Press System PM/Repair	750		750	
	FOG System PM/Repair	5,000		5,000	
	Non-Potable Water System PM/Repair	100		100	
	Polymer System PM/Repair	100		100	
	Potable Water System PM/Repair	100		100	
	Press Seal	<u>0</u>		<u>0</u>	
			<b>\$6,050</b>		<b>\$6,050</b>

**Glenbard Wastewater Authority**  
**CY2025 Equipment Maintenance Budget**  
**Maintenance**  
**270 520975**

<b>Designation</b>	<b>Recommendations</b>	<b>CY24 Budgeted</b>	<b>Total</b>	<b>CY25 Budgeting</b>	<b>Total</b>
<b>Bldg Q - Cryo</b>	Oil and Filters	0		0	
	Misc. Parts	0		0	
	Instrument Air System PM/Repair	2,000		2,000	
	Potable Water System PM/Repair	100		100	

**Glenbard Wastewater Authority  
 CY2025 Equipment Maintenance Budget  
 Maintenance  
 270 520975**

Designation	Recommendations	CY24 Budgeted	Total	CY25 Budgeting	Total
	Replacement PRV's	0		0	
	Emergency Repair/Parts	1,000		1,000	
		<u>1,000</u>	<b>\$3,100</b>	<u>1,000</u>	<b>\$3,100</b>
<b>Bldg R - Admin</b>	Lavatory Repair Parts	1,000		1,000	
	Laboratory Systems PM/Repair	500		500	
	Washer/Dryer Parts	500		500	
		<u>1,000</u>	<b>\$2,000</b>	<u>1,000</u>	<b>\$2,000</b>
<b>Bldg S - Maintenance Garage</b>	Welding Supplies	1,500		1,500	
	Potable Water System PM/Repair	250		250	
	Compressed Air System PM/Repair	500		500	
	Shop Tools (lathe,mill,power,hand,trucks)	3,500		2,500	
		<u>3,500</u>	<b>\$5,750</b>	<u>2,500</u>	<b>\$4,750</b>
<b>Bldg T - CRAS/Electric Shop</b>	Compressed Air System PM/Repair	100		100	
	Potable Water System PM/Repair	50		50	
	Non-Potable Water System PM/Repair	150		150	
	Carbo Pumping System PM/Repair	300		300	
	Carbo Piping PM/Repair	100		100	
		<u>100</u>	<b>\$700</b>	<u>100</u>	<b>\$700</b>
<b>Bldg U - Digester</b>	Boiler Parts / Cleaning	1,000		1,000	
	Non-Potable Water System PM/Repair	150		150	



**Glenbard Wastewater Authority  
CY2025 Equipment Maintenance Budget  
Maintenance  
270 520975**

<b>Designation</b>	<b>Recommendations</b>	<b>CY24 Budgeted</b>	<b>Total</b>	<b>CY25 Budgeting</b>	<b>Total</b>
	Potable Water System PM/Repair	50		50	
	Boiler PM/Repair	750		750	
	Recirculation Pump PM/Repair	750		750	
	Mixing Pump PM/Repair	500		500	
	Digester PM/Repair	250		250	
	Bio-gas System PM/Repair	250		250	
	Oil and Belts	250		250	
		<u>3,950</u>	<b>\$3,950</b>	<u>3,950</u>	<b>\$3,950</b>
<b>Bldg V - Co-Gen</b>	Coolant (Completed in 2017)	0		0	
	Oil	0		6,000	
	Filters (Air/Oil)	1,500		1,500	
	Miscellaneous (Plugs, Coils, etc.)	0		0	
		<u>1,500</u>	<b>\$1,500</b>	<u>6,000</u>	<b>\$7,500</b>
<b>Bldg Y - CHP</b>	500 Hour Service Interval (23 Intervals per engine)	18,000		18,000	
	1200 Hour Service Interval (7 Intervals per engine)	20,813		20,813	
	7500 Hour Service Interval (0 Interval per engine)	0		0	
	12000 Hour Service Interval (0 Interval per engine)	25,000		0	
	20000 Hour Service Interval (0 Interval per engine)	0		0	
	Recommended Spare Parts	1,000		1,000	
		<u>64,813</u>	<b>\$64,813</b>	<u>39,813</u>	<b>\$39,813</b>
<b>Bldg Z - SRI</b>	Salt/ Brine Parts (Snow)	250		250	
	Pump Parts/Seals	3,000		3,000	
		<u>3,250</u>		<u>3,250</u>	

**Glenbard Wastewater Authority  
 CY2025 Equipment Maintenance Budget  
 Maintenance  
 270 520975**

Designation	Recommendations	CY24 Budgeted	Total \$3,250	CY25 Budgeting	Total \$3,250
	<b>Miscellaneous</b>				
	Paints/Supplies	500		500	
	Replacement Tools	3,500		3,500	
	Oil Analysis	200		200	
	Batteries (Cordless Tools)	2,000		2,000	
	Hardware -- Bolts/Nuts/Drills/Taps	4,000		4,000	
	Parts Repair Shipping Costs (Freight)	250		250	
	Portable Pump Hose Replacements	200		200	
	Vacuum Hose Replacment	0		0	
	Safety Lane Vehicle Inspections	0		0	
	Hardware -- PVC Piping	1,000		1,000	
	Hardware -- Process Piping	1,000		1,000	
	Misc. Valves/Repair Clamps	1,000		1,000	
	Manhole Repair Parts	2,000		2,000	
	Unanticipated Equipment Repair Parts	2,000		2,000	
		\$17,650	\$17,650		
<b>GWA Facilities</b>		<b>TOTAL</b>	<b>\$147,038</b>	<b>\$128,138</b>	

**Glenbard Wastewater Authority**  
**CY2025 Equipment Maintenance - Support Budget**  
**270-520976**

<b>Building</b>	<b>Designation</b>	<b>CY24 Budgeted</b>	<b>CY25 Budgeting</b>
R	Administration	1,500	1,500
S	Maint. Garage	1,000	1,000
T	CRAS/Electric Shop	0	0
U	Digester	2,500	2,500
V	Co-Gen	0	0
	Intermediate Clarifiers	0	0
Y	Combined Heat & Power	2,000	2,000
	Miscellaneous	17,550	17,550
	Vehicle Maintenance Services	28,400	44,100
	<b>TOTAL</b>	<b>\$52,950</b>	<b>\$68,650</b>

**Glenbard Wastewater Authority  
CY2025 Equipment Maintenance - Support  
Maintenance  
270-520976**

<b>Designation</b>	<b>Recommendations</b>	<b>CY24 Budgeted</b>	<b>Total</b>	<b>CY25 Budgeting</b>	<b>Total</b>
<b>Bldg R - Administration</b>	Washer/Dryer Chemicals	<u>1500</u>	<b>\$1,500</b>	<u>1500</u>	<b>\$1,500</b>
<b>Bldg S - Maintenance Garage</b>	Safety Klean Parts Service	0		0	
	Torch Gas Cylinder Lease	750		750	
	Miscellaneous	<u>250</u>	<b>\$1,000</b>	<u>250</u>	<b>\$1,000</b>
<b>Bldg T - CRAS/Electrical Shop</b>	Boiler Repairs	0		0	
	Pump Repairs	0		0	
	Boiler Certification Inspections	<u>0</u>	<b>\$0</b>	<u>0</u>	<b>\$0</b>
<b>Bldg U - Digester</b>	Boiler Repairs	2,500		2,500	
	Boiler Tuneup/Inspection/Cleaning/Repairs	0		0	
	Boiler Certification Inspections	<u>0</u>	<b>\$2,500</b>	<u>0</u>	<b>\$2,500</b>
<b>Bldg Y - CHP</b>	Support Services	<u>2,000</u>	<b>\$2,000</b>	<u>2,000</u>	<b>\$2,000</b>
<b>GWA Facilities</b>	<b>Miscellaneous Certifications/Services</b>				
	Overhead Crane Inspection/Repairs	2,000		2,000	
	State Boiler/Pressure Vessel Certifications	2,500		2,500	

**Glenbard Wastewater Authority  
 CY2025 Equipment Maintenance - Support  
 Maintenance  
 270-520976**

<b>Designation</b>	<b>Recommendations</b>	<b>CY24 Budgeted</b>	<b>Total</b>	<b>CY25 Budgeting</b>	<b>Total</b>
	Elevator Service	2,500		2,500	
	Elevator Inspections - Lombard	0		0	
	RPZ - Lombard	200		200	
	RPZ Inspections	750		750	
	Electric Powered Tool Repairs	0		0	
	Oil Recycling	1,000		1,000	
	Safety Lane Vehicle Inspections	600		600	
	Heavy Equipment Rental	3,000		3,000	
	Contracted Crane Service	2,500		2,500	
	Unanticipated Contracted Repairs	<u>2,500</u>		<u>2,500</u>	
			<b>\$17,550</b>		<b>\$17,550</b>
Equipment Services Support		<u>28,400</u>	<b>\$28,400</b>	<u>44,100</u>	<b>\$44,100</b>
	<b>TOTAL</b>		<b>\$52,950</b>		<b>\$68,650</b>

**Glenbard Wastewater Authority**  
**CY2025 Maintenance Electrical Budget Details**  
**270 520980**

Building	Designation	CY24 Budgeted	CY25 Budgeting
A	Bar Screen	2,600	2,600
B	Raw Pumps	5,300	5,300
C	Grit	2,400	2,400
D	Primary Clarifier	500	500
E	Primary Pump	2,100	2,100
F	Unox Deck	3,800	3,800
G	ATAD	500	500
H	Screw Pump	2,100	2,100
I	Final Clarifier	1,350	1,350
J	Pump/Meter	2,300	2,300
K	Thickener	550	550
L	Sandfilter	1,700	2,700
N	Warehouse	800	800
O	UV	2,700	2,700
P	Press	3,400	4,400
Q	Cryo	1,100	1,100
R	Administration	2,900	2,900
S	Maint. Garage	1,300	1,300
T	CRAS	2,200	2,200
U	Digester	3,300	3,300
V	Co-Gen	2,800	2,800
Y	CHP	3,300	4,300
	Elec. Supplies	15,000	18,000
		<b>\$64,000</b>	<b>\$70,000</b>

**Glenbard Wastewater Authority  
CY2025 Maintenance Electronics Budget Details  
270 520980**

Designation	Recommendations	CY24 Budgeted	Total	CY25 Budgeting	Total
<b>Bar Screen</b>	Control Panel PM/Repairs	100		100	
	Electrical Distribution PM/Repairs	200		200	
	HVAC Equipment PM/Repairs	200		200	
	Instrumentation PM Repairs	500		500	
	LAN PM/Repairs	100		100	
	Lighting Equipment PM/Repairs	100		100	
	Motor PM/Repairs	200		200	
	Safety Equipment PM/Repairs	800		800	
	SCADA System PM/Repairs	400		400	
	Telecommunications PM/Repairs	0		0	
	<b>Bar Screen Total</b>		<b>\$2,600</b>		<b>\$2,600</b>
<b>Raw Pumps</b>	Control Panel PM/Repairs	200		200	
	Electrical Distribution PM/Repairs	1,000		1,000	
	HVAC Equipment PM/Repairs	700		700	
	Instrumentation PM/Repairs	1,000		1,000	
	LAN PM/Repairs	100		100	
	Lighting Equipment PM/Repairs	100		100	
	Motor PM/Repairs	1,000		1,000	
	Safety Equipment PM/Repairs	200		200	
	SCADA System PM/Repairs	1,000		1,000	
	Telecommunications PM/Repairs	0		0	
	<b>Raw Pumps Total</b>		<b>\$5,300</b>		<b>\$5,300</b>

**Glenbard Wastewater Authority  
CY2025 Maintenance Electronics Budget Details  
270 520980**

Designation	Recommendations	CY24 Budgeted	Total	CY25 Budgeting	Total
<b>Grit</b>	Control Panel PM/Repairs	200		200	
	Electrical Distribution PM/Repairs	400		400	
	HVAC Equipment PM/Repairs	300		300	
	Instrumentation PM/Repairs	500		500	
	LAN PM/Repairs	100		100	
	Lighting Equipment PM/Repairs	100		100	
	Motor PM/Repairs	100		100	
	Safety Equipment PM/Repairs	500		500	
	SCADA System PM/Repairs	200		200	
	Telecommunications PM/Repairs	0		0	
	<b>Grit Total</b>	<u><u>2,400</u></u>	<b>\$2,400</b>	<u><u>2,400</u></u>	<b>\$2,400</b>
<b>Primary Clarifier</b>	Control Panel PM/Repairs	0		0	
	Electrical Distribution PM/Repairs	300		300	
	HVAC Equipment PM/Repairs	0		0	
	Instrumentation PM/Repairs	100		100	
	LAN PM/Repairs	0		0	
	Lighting Equipment PM/Repairs	100		100	
	Motor PM/Repairs	0		0	
	Safety Equipment PM/Repairs	0		0	
	SCADA System PM/Repairs	0		0	
	Telecommunications PM/Repairs	0		0	
	<b>Primary Clarifier Total</b>	<u><u>500</u></u>	<b>\$500</b>	<u><u>500</u></u>	<b>\$500</b>



**Glenbard Wastewater Authority  
CY2025 Maintenance Electronics Budget Details  
270 520980**

Designation	Recommendations	CY24 Budgeted	Total	CY25 Budgeting	Total
<b>Primary Pump</b>	Control Panel PM/Repairs	100		100	
	Electrical Distribution PM/Repairs	100		100	
	HVAC Equipment PM/Repairs	400		400	
	Instrumentation PM/Repairs	100		100	
	LAN PM/Repairs	100		100	
	Lighting Equipment PM/Repairs	100		100	
	Motor PM/Repairs	200		200	
	Safety Equipment PM/Repairs	500		500	
	SCADA System PM/Repairs	500		500	
	Telecommunications PM/Repairs	0		0	
	<b>Primary Pump Total</b>		<b>\$2,100</b>		<b>\$2,100</b>
<b>Unox Deck</b>	Control Panel PM/Repairs	500		500	
	Electrical Distribution PM/Repairs	500		500	
	HVAC Equipment PM/Repairs	200		200	
	Instrumentation PM/Repairs	1,000		1,000	
	LAN PM/Repairs	0		0	
	Lighting Equipment PM/Repairs	100		100	
	Motor PM/Repairs	200		200	
	Safety Equipment PM/Repairs	1,300		1,300	
	SCADA System PM/Repairs	0		0	
	Telecommunications PM/Repairs	0		0	
	<b>Unox Deck Total</b>		<b>\$3,800</b>		<b>\$3,800</b>

**Glenbard Wastewater Authority  
CY2025 Maintenance Electronics Budget Details  
270 520980**

Designation	Recommendations	CY24 Budgeted	Total	CY25 Budgeting	Total
<b>ATAD</b>	Control Panel PM/Repairs	100		100	
	Electrical Distribution PM/Repairs	100		100	
	HVAC Equipment PM/Repairs	0		0	
	Instrumentation PM/Repairs	0		0	
	LAN PM/Repairs	100		100	
	Lighting Equipment PM/Repairs	100		100	
	Motor PM/Repairs	100		100	
	Safety Equipment PM/Repairs	0		0	
	SCADA System PM/Repairs	0		0	
	Telecommunications PM/Repairs	0		0	
	<b>ATAD Total</b>	<u><u>500</u></u>	<b>\$500</b>	<u><u>500</u></u>	<b>\$500</b>
<b>Screw Pump</b>	Control Panel PM/Repairs				
	Electrical Distribution PM/Repairs	1,000		1,000	
	HVAC Equipment PM/Repairs	200		200	
	Instrumentation PM/Repairs	200		200	
	LAN PM/Repairs	0		0	
	Lighting Equipment PM/Repairs	100		100	
	Motor PM/Repairs	500		500	
	Safety Equipment PM/Repairs	100		100	
	SCADA System PM/Repairs	0		0	
	Telecommunications PM/Repairs	0		0	
	<b>Screw Pump Total</b>	<u><u>2,100</u></u>	<b>\$2,100</b>	<u><u>2,100</u></u>	<b>\$2,100</b>

**Glenbard Wastewater Authority  
CY2025 Maintenance Electronics Budget Details  
270 520980**

Designation	Recommendations	CY24 Budgeted	Total	CY25 Budgeting	Total
<b>Final Clarifer</b>	Control Panel PM/Repairs	100		100	
	Electrical Distribution PM/Repairs	500		500	
	HVAC Equipment PM/Repairs	0		0	
	Instrumentation PM/Repairs	250		250	
	LAN PM/Repairs	0		0	
	Lighting Equipment PM/Repairs	100		100	
	Motor PM/Repairs	200		200	
	Safety Equipment PM/Repairs	0		0	
	SCADA System PM/Repairs	200		200	
	Telecommunications PM/Repairs	0		0	
	<b>Final Clarifier Total</b>		<b>\$1,350</b>		<b>\$1,350</b>
<b>Pump and Meter</b>	Control Panel PM/Repairs	100		100	
	Electrical Distribution PM/Repairs	100		100	
	HVAC Equipment PM/Repairs	100		100	
	Instrumentation PM/Repairs	1,000		1,000	
	LAN PM/Repairs	100		100	
	Lighting Equipment PM/Repairs	100		100	
	Motor PM/Repairs	200		200	
	Safety Equipment PM/Repairs	100		100	
	SCADA System PM/Repairs	500		500	
	Telecommunications PM/Repairs	0		0	
	<b>Pump and Metering Total</b>		<b>\$2,300</b>		<b>\$2,300</b>

**Glenbard Wastewater Authority  
CY2025 Maintenance Electronics Budget Details  
270 520980**

<b>Designation</b>	<b>Recommendations</b>	<b>CY24 Budgeted</b>	<b>Total</b>	<b>CY25 Budgeting</b>	<b>Total</b>
<b>Thickener</b>	Control Panel PM/Repairs	0		0	
	Electrical Distribution PM/Repairs	200		200	
	HVAC Equipment PM/Repairs	200		200	
	Instrumentation PM/Repairs	0		0	
	LAN PM/Repairs	0		0	
	Lighting Equipment PM/Repairs	50		50	
	Motor PM/Repairs	100		100	
	Safety Equipment PM/Repairs	0		0	
	SCADA System PM/Repairs	0		0	
	Telecommunications PM/Repairs	0		0	
	<b>Thickener Total</b>		<b>\$550</b>		<b>\$550</b>
<b>Sandfilter</b>	Control Panel PM/Repairs	100		100	
	Electrical Distribution PM/Repairs	200		200	
	HVAC Equipment PM/Repairs	200		200	
	Instrumentation PM/Repairs	300		1,300	
	LAN PM/Repairs	100		100	
	Lighting Equipment PM/Repairs	100		100	
	Motor PM/Repairs	200		200	
	Safety Equipment PM/Repairs	0		0	
	SCADA System PM/Repairs	500		500	
	Telecommunications PM/Repairs	0		0	
	<b>Sandfilter Total</b>		<b>\$1,700</b>		<b>\$2,700</b>

**Glenbard Wastewater Authority  
CY2025 Maintenance Electronics Budget Details  
270 520980**

Designation	Recommendations	CY24 Budgeted	Total	CY25 Budgeting	Total
<b>Warehouse</b>	Control Panel PM/Repairs	100		100	
	Electrical Distribution PM/Repairs	200		200	
	HVAC Equipment PM/Repairs	100		100	
	Instrumentation PM/Repairs	0		0	
	LAN PM/Repairs	0		0	
	Lighting Equipment PM/Repairs	100		100	
	Motor PM/Repairs	200		200	
	Safety Equipment PM/Repairs	100		100	
	SCADA System PM/Repairs	0		0	
	Telecommunications PM/Repairs	0		0	
	<b>Warehouse Total</b>		<b>\$800</b>		<b>\$800</b>
<b>UV</b>	Control Panel PM/Repairs	1,000		1,000	
	Electrical Distribution PM/Repairs	200		200	
	HVAC Equipment PM/Repairs	200		200	
	Instrumentation PM/Repairs	300		300	
	LAN PM/Repairs	100		100	
	Lighting Equipment PM/Repairs	100		100	
	Motor PM/Repairs	200		200	
	Safety Equipment PM/Repairs	100		100	
	SCADA System PM/Repairs	500		500	
	Telecommunications PM/Repairs	0		0	
	<b>UV Total</b>		<b>\$2,700</b>		<b>\$2,700</b>

**Glenbard Wastewater Authority  
CY2025 Maintenance Electronics Budget Details  
270 520980**

Designation	Recommendations	CY24 Budgeted	Total	CY25 Budgeting	Total
<b>Press</b>	Control Panel PM/Repairs	200		200	
	Electrical Distribution PM/Repairs	500		500	
	HVAC Equipment PM/Repairs	500		500	
	Instrumentation PM/Repairs	1,000		1,000	
	LAN PM/Repairs	200		200	
	Lighting Equipment PM/Repairs	100		100	
	Motor PM/Repairs	200		1,200	
	Safety Equipment PM/Repairs	200		200	
	SCADA System PM/Repairs	500		500	
	Telecommunications PM/Repairs	0		0	
	<b>Press Total</b>	<u>3,400</u>	<b>\$3,400</b>	<u>3,400</u>	<b>\$4,400</b>
<b>Cryo</b>	Control Panel PM/Repairs	100		100	
	Electrical Distribution PM/Repairs	200		200	
	HVAC Equipment PM/Repairs	100		100	
	Instrumentation PM/Repairs	0		0	
	LAN PM/Repairs	0		0	
	Lighting Equipment PM/Repairs	100		100	
	Motor PM/Repairs	200		200	
	Safety Equipment PM/Repairs	0		0	
	SCADA System PM/Repairs	400		400	
	Telecommunications PM/Repairs	0		0	
	<b>Cryo Total</b>	<u>1,100</u>	<b>\$1,100</b>	<u>1,100</u>	<b>\$1,100</b>

**Glenbard Wastewater Authority  
CY2025 Maintenance Electronics Budget Details  
270 520980**

Designation	Recommendations	CY24 Budgeted	Total	CY25 Budgeting	Total
<b>Administration</b>	Control Panel PM/Repairs	200		200	
	Electrical Distribution PM/Repairs	300		300	
	HVAC Equipment PM/Repairs	500		500	
	Instrumentation PM/Repairs	400		400	
	LAN PM/Repairs	300		300	
	Lighting Equipment PM/Repairs	100		100	
	Motor PM/Repairs	200		200	
	Safety Equipment PM/Repairs	200		200	
	SCADA System PM/Repairs	200		200	
	Telecommunications PM/Repairs	500		500	
	<b>Administration Total</b>		<b>\$2,900</b>		<b>\$2,900</b>
<b>Maintenance Garage</b>	Control Panel PM/Repairs	100		100	
	Electrical Distribution PM/Repairs	200		200	
	HVAC Equipment PM/Repairs	200		200	
	Instrumentation PM/Repairs	0		0	
	LAN PM/Repairs	200		200	
	Lighting Equipment PM/Repairs	100		100	
	Motor PM/Repairs	200		200	
	Safety Equipment PM/Repairs	100		100	
	SCADA System PM/Repairs	0		0	
	Telecommunications PM/Repairs	200		200	
	<b>Maintenance Garage Total</b>		<b>\$1,300</b>		<b>\$1,300</b>

**Glenbard Wastewater Authority  
CY2025 Maintenance Electronics Budget Details  
270 520980**

Designation	Recommendations	CY24 Budgeted	Total	CY25 Budgeting	Total
<b>CRAS</b>	Control Panel PM/Repairs	100		100	
	Electrical Distribution PM/Repairs	100		100	
	HVAC Equipment PM/Repairs	100		100	
	Instrumentation PM/Repairs	800		800	
	LAN PM/Repairs	100		100	
	Lighting Equipment PM/Repairs	100		100	
	Motor PM/Repairs	200		200	
	Safety Equipment PM/Repairs	200		200	
	SCADA System PM/Repairs	200		200	
	Telecommunications PM/Repairs	300		300	
	<b>CRAS Total</b>	<u><u>3,000</u></u>	<b>\$2,200</b>	<u><u>3,000</u></u>	<b>\$2,200</b>
<b>Digester</b>	Control Panel PM/Repairs	300		300	
	Electrical Distribution PM/Repairs	300		300	
	HVAC Equipment PM/Repairs	400		400	
	Instrumentation PM/Repairs	500		500	
	LAN PM/Repairs	200		200	
	Lighting Equipment PM/Repairs	100		100	
	Motor PM/Repairs	500		500	
	Safety Equipment PM/Repairs	500		500	
	SCADA System PM/Repairs	500		500	
	Telecommunications PM/Repairs	0		0	
	<b>Digester Total</b>	<u><u>3,300</u></u>	<b>\$3,300</b>	<u><u>3,300</u></u>	<b>\$3,300</b>



**Glenbard Wastewater Authority  
CY2025 Maintenance Electronics Budget Details  
270 520980**

Designation	Recommendations	CY24 Budgeted	Total	CY25 Budgeting	Total
<b>CHP</b>	Control Panel PM/Repairs	300		300	
	Electrical Distribution PM/Repairs	300		300	
	HVAC Equipment PM/Repairs	400		400	
	Instrumentation PM/Repairs	500		1,500	
	LAN PM/Repairs	200		200	
	Lighting Equipment PM/Repairs	100		100	
	Motor PM/Repairs	500		500	
	Safety Equipment PM/Repairs	500		500	
	SCADA System PM/Repairs	500		500	
	Telecommunications PM/Repairs	0		0	
	<b>Digester Total</b>		<b>\$3,300</b>		<b>\$4,300</b>
<b>Co-Gen</b>	Control Panel PM/Repairs	200		200	
	Electrical Distribution PM/Repairs	300		300	
	HVAC Equipment PM/Repairs	300		300	
	Instrumentation PM/Repairs	800		800	
	LAN PM/Repairs	200		200	
	Lighting Equipment PM/Repairs	100		100	
	Motor PM/Repairs	300		300	
	Safety Equipment PM/Repairs	300		300	
	SCADA System PM/Repairs	300		300	
	Telecommunications PM/Repairs	0		0	
	<b>Co-Gen Total</b>		<b>\$2,800</b>		<b>\$2,800</b>
<b>Electrical Supplies</b>	Conduit, wire, enclosures, fittings, switches, batteries, cleaning supplies, contact cleaners electronic components, Pneumatic Tubing & Fittings Thermal Overloads, fasteners, strut				

**Glenbard Wastewater Authority  
 CY2025 Maintenance Electronics Budget Details  
 270 520980**

<b>Designation</b>	<b>Recommendations</b>	<b>CY24 Budgeted</b>	<b>Total</b>	<b>CY25 Budgeting</b>	<b>Total</b>
wire, nuts, etc.		15,000		18,000	
	<b>Electrical Total</b>	<b>15,000</b>	<b>\$15,000</b>	<b>18,000</b>	<b>\$18,000</b>
	<b>Grand Total</b>		<b>\$64,000</b>		<b>\$70,000</b>

**Glenbard Wastewater Authority**  
**CY2025 Electrical/Electronics - Support Budget**  
**270 520981**

Designation	Recommendations	CY24 Budgeted	Total	CY25 Budgeting	Total
Administration	Network/Communications Consulting	10,000		12,000	
	Intellution iFIX Global Support	10,000		11,000	
	IT/SCADA Disaster Recovery	5,000		5,000	
	Software Support agreement Specter (Win-911)	1,200		2,200	
	Software Support Agreements Cisco Smartnet	3,200		4,000	
	Software Support Fortinet Firewall Appliance	1,200		1,300	
	Software Support Agreement CMMS Data (MVP Plant)	24,225		0	
	Software Support Agreement Rockwell (PLC-Tech Connect)	1,500		1,700	
	Software Support OpWorks	5,200		5,400	
	Software Support Agreement TimeTrax (Time Clock)	150		150	
	KnowBe4 Cybersecurity	800		2,700	
	Software Support Agreement and Battery ADS ECHO	499		499	
	Software Support BitDefender Endpoint Security (A/V)	2,200		3,000	
	Software Support MS Mail Hosting & Exchange Online Protection	2,000		2,200	
	Software Support HP Switches	1,000		1,100	
	Dell Server Warranty Renewal	2,400		2,700	
	Adobe Acrobat subscriptions			2,500	
	Microsoft Office 365 Subscriptions			5,000	
	Telephone System Support Agreement B&B Networks	2,700		2,800	
	Zoom Professional account	155		155	
	Fire/Security Alarm Systems Support Agreement Siemens	12,107		12,773	
	Fire/Security Alarm Systems Testing & Monitoring (Remote Sites)	3,500		3,500	
	Microsoft Server Select Agreement / Client Select Agreement	4,700		4,900	
	iDrive Offsite Backup Service	2,000		750	
	Yodeck Media Board	0		250	
Web Hosting & Support	1,300		1,300		
Software Support Agreement ArcGIS (ESRI)	800		800		
Pretreatment	Linko Annual Software License Fee	5,000		6,000	
Pretreatment	SWIFTCOMPLY Annual Service Fee	5,200		5,200	
Flow Metering	RJN Flow Meter Maintenance/Data Analysis	141,600		141,600	
UV	Effluent Ammonia Analyzer Service Contract	7,900		8,700	
Plant Wide	HVAC Refrigeration Repairs	5,000		7,500	
Co-Generation	Switchgear Bi-Annual PM	0		6,500	
	Protection Relay Bi-Annual Calibration	0		3,000	
		<b>\$262,536</b>		<b>\$268,177</b>	

**Glenbard Wastewater Authority  
CY2025 Operations - Supplies Budget  
270 520990**

Item	Recommendations	CY24 Budgeted	Total	CY25 Budgeting	Total
Operating Supplies	Operational Supplies				
	Misc. Supplies from Various Vendors	4,000		5,000	
	Yard Hose Replacements	1,000		1,000	
	Primary Clarifier Deodorizer Nozzle Replacements	0		0	
	Vacuum Hose Replacement	1,500		1,500	
	PRV Covers	6,000		7,000	
	Grit Deodorizer Nozzle Replacements	200		200	
	Belt Filter Press Replacement Belts	10,000		9,000	
		<b>\$22,700</b>		<b>\$23,700</b>	

**Glenbard Wastewater Authority  
CY2025 Operations - Support Budget  
270 520991**

<b>Designation</b>	<b>Recommendations</b>	<b>CY24 Budgeted</b>	<b>Total</b>	<b>CY25 Budgeting</b>	<b>Total</b>
Plant Wide	Solid Waste / Recycle Waste Disposal	8,000		8,000	
Misc Ops Support		4,000		4,000	
UV	Recycle Fees	0		0	
		<b>\$12,000</b>		<b>\$12,000</b>	

**Glenbard Wastewater Authority  
CY2025 Professional Services - Other  
270 521055**

<b>Designation</b>	<b>Recommendations</b>	<b>CY24 Budgeted</b>	<b>Total</b>	<b>CY25 Budgeting</b>	<b>Total</b>
Administration	Temporary labor services are billed to this account	4,000		4,000	
		<hr/>			
			<b>\$4,000</b>		<b>\$4,000</b>

**Glenbard Wastewater Authority  
 CY2025 Service Charge Budget  
 270 521130**

Item	Recommendation	CY24 Budgeted	Total	CY25 Budgeting	Total
Service Charge	Village of Glen Ellyn -- Overhead fees	136,161		134,900	
		<b>\$136,161</b>		<b>\$134,900</b>	

CY2025 Overhead fees were calculated by Glen Ellyn Finance

Next Tri-Annual Review due in CY2026

**Glenbard Wastewater Authority  
 CY2025 Sludge Disposal - Land App. Budget  
 270 521150**

<b>Item</b>	<b>Recommendation</b>	<b>CY24 Budgeted</b>	<b>Total</b>	<b>CY25 Budgeting</b>	<b>Total</b>
Sludge Disposal	Trucking fees for Sludge Removal	385,000		400,540	
<b>Total</b>			<b>\$385,000</b>		<b>\$400,540</b>



**Glenbard Wastewater Authority  
CY2025 Telecomm Budget  
270 521195**

Recommendations	CY24 Budgeted	Total	CY25 Budgeting	Total
Peerless Networks	4,800		3,100	
Security Panel (1904)				
SCADA WIN-911 on SCADA 1 & 2 (0958, 0689)				
Dedicated Elevator (1486),				
Brokered Nat. Gas Meter Reader (0407)				
St.Charles Lift Station Fire Panel Primary & Backup				
B&B Technologies SIP Trunk. 911 Service, DID's, E-Fax	3,500		4,000	
Cell Phone Reimbursements (Matt, Asst. Director, LSC)	1,800		1,800	
Comcast Internet - Primary ISP	4,200		4,900	
AT&T Internet - Secondary ISP (U-Verse)	1,200		1,200	
Verizon Cellular Service - Phones, tablets	10,000		11,400	
Verizon Cellular Service - RTU Radio Network	3,400		3,500	
		<b>\$28,900</b>		<b>\$29,900</b>

**Glenbard Wastewater Authority  
CY2025 Electrical Power Budget  
270 521201**

<b>Item</b>	<b>Recommendation</b>	<b>CY24 Budgeted</b>	<b>Total</b>	<b>CY25 Budgeting</b>	<b>Total</b>
Electrical Power	Fees for Purchase of Electric Power & ComEd Delivery Services	450,000		450,000	
		<hr/>		<hr/>	
			<b>\$450,000</b>		<b>\$450,000</b>

**Glenbard Wastewater Authority  
CY2025 Natural Gas - Brokered - Budget  
270 521202**

<b>Item</b>	<b>Recommendation</b>	<b>CY24 Budgeted</b>	<b>Total</b>	<b>CY25 Budgeting</b>	<b>Total</b>
Nat. Gas - Brokered	Fees for Direct and Brokered purchase of Natural Gas	120,000		110,000	
			<b>\$120,000</b>		<b>\$110,000</b>

**Glenbard Wastewater Authority  
CY2025 Water Budget  
270 521203**

<b>Item</b>	<b>Recommendation</b>	<b>CY24 Budgeted</b>	<b>Total</b>	<b>CY25 Budgeting</b>	<b>Total</b>
Water	Fees for Purchase of Potable Water - Village of Glen Ellyn	15,000		15,000	
			<hr/>	<hr/>	<hr/>
				<b>\$15,000</b>	<b>\$15,000</b>

**Glenbard Wastewater Authority  
CY2025 Co-Gen Natural Gas Budget  
270 521204**

<b>Item</b>	<b>Recommendation</b>	<b>CY24 Budgeted</b>	<b>Total</b>	<b>CY25 Budgeting</b>	<b>Total</b>
Natural Gas	Fees for Purchase of Natural Gas (Co-Generation Unit)	6,000		8,000	
		<hr/>		<hr/>	
			<b>\$6,000</b>		<b>\$8,000</b>

**Glenbard Wastewater Authority  
CY2025 Office Supplies Budget  
270 530100**

Item	Recommendation	CY24 Budgeted	Total	CY25 Budgeting	Total
Office Supplies	Supplies for Administrative Management functions (I.e. Office Supplies, Federal Express, UPS, printing)	8,000		8,000	
	Minolta Bus. Sys. Support (copy machine)	1,500		1,200	
	Postage Meter Rental/Postage	1,500		2,000	
	Coffee Machine Services/Supplies	3,000		3,000	
<b>Total</b>			<b>\$14,000</b>		<b>\$14,200</b>

**Glenbard Wastewater Authority  
CY2025 Laboratory Supplies Budget  
270 530106**

<b>Item</b>	<b>Recommendation</b>	<b>CY24 Budgeted</b>	<b>Total</b>	<b>CY25 Budgeting</b>	<b>Total</b>
Laboratory Supplies	Laboratory Consumables and Glassware	17,500		19,500	
			<b>\$17,500</b>		<b>\$19,500</b>

**Glenbard Wastewater Authority  
CY2025 Pretreatment Supplies Budget  
270 530107**

<b>Item</b>	<b>Recommendation</b>	<b>CY24 Budgeted</b>	<b>Total</b>	<b>CY25 Budgeting</b>	<b>Total</b>
Pretreatment Supplies	Sampling, Dyes, Test Kits, Tools	1,000		1,500	
Local Limits Evaluation	Consultant Fees for Evaluation	0		0	
Public Outreach	Flyers/Brochures/Artwork/Magnets	1,000		1,000	
Various Professional Lab Services		1,000		1,500	
Initial PFAS Survey Tools		1,000		1,000	
Testing	Annual Local Limit Baseline Testing/NPDES Permit Requirement	4,800		3,500	
		<b>\$8,800</b>		<b>\$8,500</b>	



**Glenbard Wastewater Authority  
CY2025 Administrative Purchasing Budget  
270 530200**

<b>Item</b>	<b>Recommendation</b>	<b>CY24 Budgeted</b>	<b>Total</b>	<b>CY25 Budgeting</b>	<b>Total</b>
Purchasing	Aerial Photography	0		0	
	Celebrating Success	500		500	
	Office Decorations	500		500	
<b>Total</b>			<hr/>		<hr/>
			<b>\$1,000</b>		<b>\$1,000</b>

**Glenbard Wastewater Authority  
CY2025 Safety Budget  
270 530225**

<b>Item</b>	<b>Recommendation</b>	<b>CY24 Budgeted</b>	<b>Total</b>	<b>CY25 Budgeting</b>	<b>Total</b>
Admin	Portable Gas Detection Meter Cal Gas	2,000		2,000	
	Portable Gas Detection Meter Repair/Replacement	1,000		1,200	
	Confined Space Equip. Repairs/Replacement	1,200		1,200	
	AED - Units for St. Chas. CSO & VVLS	0		6,000	
	Safety Audit	0		0	
	Hard Hat/Suspension Replacements			3,000	
	Safety shoes (\$200 max. allowance)	4,600		4,600	
	Cintas (First Aid Kit Supplies)	4,300		3,700	
	Safety Supplies	6,000		6,000	
	Safety Program Consultations & Training	3,000		3,000	
	Site Safety and Signage	1,000		1,000	
	<b>Total</b>		<b>\$23,100</b>		<b>\$31,700</b>

**Glenbard Wastewater Authority  
CY2025 Chemical Supplies Budget  
270 530440**

Item	Recommendation	CY24 Budgeted	Total	CY25 Budgeting	Total
Treatment Costs	Polymer	85,000		85,000	
	Odor Control	5,000		5,000	
	Struvite Control	18,000		24,000	
	Acid	10,000		10,000	
	Hypochlorite	10,000		0	
	Etc.	20,000		10,000	
	Hydrogen Peroxide Odor System (USP Technologies)	50,000		55,000	
		<hr/>			
		<b>\$198,000</b>		<b>\$189,000</b>	

**Glenbard Wastewater Authority  
CY2025 Liquid Oxygen Supply Budget  
270 530443**

<b>Item</b>	<b>Recommendation</b>	<b>CY24 Budgeted</b>	<b>Total</b>	<b>CY25 Budgeting</b>	<b>Total</b>
Cryo	Liquid Oxygen	355,000		377,000	
			<hr/> <b>\$355,000</b>		<hr/> <b>\$377,000</b>

**Glenbard Wastewater Authority  
CY2025 Uniforms Budget  
270 530445**

<b>Item</b>	<b>Recommendation</b>	<b>CY24 Budgeted</b>	<b>Total</b>	<b>CY25 Budgeting</b>	<b>Total</b>
Uniforms	Uniform Replacements	6,000		6,000	
		<hr/>			
<b>Total</b>			<b>\$6,000</b>		<b>\$6,000</b>

**270-1**  
**STORMWATER PLANT**  
**and**  
**Hill AVENUE LIFT STATION**  
**O&M NARRATIVE**

The Glenbard Wastewater Authority Stormwater Plant is only utilized for operation during excess flow events. The Stormwater Plant is capable of processing 58 MGD of combined sewer flow.

The Hill Avenue Lift Station is also an integrated part of the Stormwater Plant. The lift station conveys flow to the plant as a result of flows greater than 2.5 times average daily flows through the Hill Avenue Regulator. The lift station only operates during wet weather events as part of the system that protects the Glenbard Plant from excessive high flow situations created in part by the combined sewers in the northern section of the Village of Lombard.

**Budget CY2024**

**EXPENSES**

**Operations & Maintenance**

**Division 270-1**

**Stormwater Plant & Hill Avenue Lift Station**

	<b>Actual CY2023</b>	<b>Budgeted CY2024</b>	<b>Estimated CY2024</b>	<b>Budgeting CY2025</b>	<b>% Difference CY24-CY25</b>	<b>\$ Difference CY24-CY25</b>
<b>Operations &amp; Maintenance</b>						
520775	Regulatory Fees	20,000	20,000	20,000	20,000	0.0% 0
520970	Maint. - Bldgs. & Grnds. / Support	10,357	9,968	5,026	9,968	0.0% 0
520975	Maint. - Equipment	3,454	6,700	9,780	6,700	0.0% 0
520980	Maint. - Electronics	0	2,250	0	2,250	0.0% 0
521201	Electric Power	26,217	38,000	35,898	38,000	0.0% 0
521202	Natural Gas	3,948	9,000	4,537	9,000	0.0% 0
521203	Water	2,458	5,000	2,439	5,000	0.0% 0
530105	Operations Supplies	898	1,000	1,571	1,000	0.0% 0
<b>Commodities</b>						
530440	Chemicals	43,198	100,000	77,627	100,000	0.0% 0
<b>Total 270-1</b>		<b>110,531</b>	<b>191,918</b>	<b>156,878</b>	<b>191,918</b>	0.0% 0

**Glenbard Wastewater Authority**  
**CY2025 Budget - 270-1 - Stormwater Plant & Hill Avenue Lift Station**

Item	Recommendations	CY24 Budgeted	Total	CY25 Budgeting	Total
520775	IEPA Regulatory Fees	20,000		20,000	
			<b>\$20,000</b>		<b>\$20,000</b>
520970	Building/Grounds	Misc. Repairs	2,500		2,500
		Sidewalk Repairs	500		500
	Bldg/Grnds - Support	Door/Lock/Window Repairs	500		500
		Landscape Maintenance	5,768		5,768
		Pest Control	100		100
		Fire Extinguisher Service/Repairs	100		100
		Tru-Green Chemlawn	0		0
		Roof Inspection	0		0
		Roof Repairs	500		500
		Sidewalk Repairs	0		0
			<b>\$9,968</b>		<b>\$9,968</b>
520975	Maintenance	Unanticipated Equipment Repairs	2,500		2,500
		Hill Avenue Submersible Pump Service	1,000		1,000
		Grease/Oil/Belts	2,500		2,500
		Peristaltic Pump Replacement Hose	500		500
	Equipment - Support	Unanticipated Equipment Repairs	0		0
		RPZ Inspections	200		200
			<b>\$6,700</b>		<b>\$6,700</b>
520980	Elect. Maintenance	Control Panel PM/Repairs	200		200
		Electrical Distribution PM/Repairs	200		200
		HVAC Equipment PM/Repairs	300		300
		Instrumentation PM/Repairs	400		400
		LAN PM/Repair	0		0
		Lighting Equipment PM/Repairs	200		200
		Motor PM/Repairs	250		250



**Glenbard Wastewater Authority**  
**CY2025 Budget - 270-1 - Stormwater Plant & Hill Avenue Lift Station**

<b>Item</b>	<b>Recommendations</b>	<b>CY24 Budgeted</b>	<b>Total</b>	<b>CY25 Budgeting</b>	<b>Total</b>
	Safety Equipment PM/Repairs	0		0	
	SCADA System PM/Repairs	500		500	
	Telecommunications PM/Repairs	200		200	
			<b>\$2,250</b>		<b>\$2,250</b>
521201	Electricity		<b>\$38,000</b>		<b>\$38,000</b>
521202	Natural Gas	Building Heaters	<b>\$5,000</b>		<b>\$9,000</b>
521203	Water	Hosing, Lab, Chlor/DeChlor carrying water	<b>\$5,000</b>		<b>\$5,000</b>
530105	Operations	Replacement Tools and Yard Hose	1,000	1,000	
			<b>\$1,000</b>		<b>\$1,000</b>
530440	Chemicals	Hypochlorite / Sodium Thiosulfate			<b>\$100,000</b>
			<b>\$187,918</b>		<b>\$191,918</b>
		<b>Total 270-1</b>			

**270-2**  
**NORTH REGIONAL INTERCEPTOR**  
**and**  
**ST. CHARLES RD. LIFT STATION**  
**O&M NARRATIVE**

The North Regional Interceptor (NRI) begins at the St. Charles Lift Station located next to Ackerman Park in Glen Ellyn. An 18" diameter force main exits the lift station and runs east down St. Charles Road to the I-355 Tollway, where the sewer turns south and becomes a gravity sewer. From there the NRI runs south 4.5 miles to the Glenbard Plant. The diameter of the NRI changes from 18" to 66" as collection systems from both member Villages enter and add more flow. Glen Ellyn has five connections to the NRI and Lombard has four. Three of the Lombard connections are from combined sewers. The three combined sewers have "regulators" before they enter the NRI. The purpose of these regulators is to limit the amount of storm water that is treated at the Glenbard Plant. This is done by diverting any flow above 2.5 times the average dry weather flow to the Stormwater Plant. These regulators were converted to Vortex Regulators as part of the Stormwater Plant upgrade in 2002.

The St. Charles Road Lift Station receives flow from the Village of Glen Ellyn and the DuPage County sanitary sewer systems. Flows range from 2 million gallons per day (MGD) to 10 MGD due to Inflow and Infiltration (I&I). The new lift station has been designed to operate cost effectively at low and high flow conditions utilizing variable speed drives. These drives control the speed of the pumps versus the previous method of on/off cycling of the pumps. The lift station also has redundant back-up power provided by onsite generation.

**Budget CY2025**  
**Operations & Maintenance**  
**270-2**  
**NRI / St. Charles Road L.S.**

**EXPENSES**

		<b>Actual CY2023</b>	<b>Budgeted CY2024</b>	<b>Estimated CY2024</b>	<b>Budgeting CY2025</b>	<b>% Difference CY24-CY25</b>	<b>\$ Difference CY24-CY25</b>
<b>St. Charles Rd. Lift Station</b>							
520970 SC	Maint. - Bldg. & Grnds.	0	950	540	950	0.0%	0
520975 SC	Maint - Equipment	1,266	10,100	8,951	10,100	0.0%	0
520980 SC	Maint. - Electronics	0	1,800	0	1,800	0.0%	0
521201 SC	Electric Power	17,849	20,000	21,217	20,000	0.0%	0
<b>Total</b>		<b>19,115</b>	<b>32,850</b>	<b>30,708</b>	<b>32,850</b>	0.0%	0
<b>North Regional Interceptor</b>							
520970 NRI	Maint. - Piping & Grnds.	0	0	0	0	0.0%	0
<b>Total</b>		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	0.0%	0
<b>Total 270-2</b>		<b>19,115</b>	<b>32,850</b>	<b>30,708</b>	<b>32,850</b>	0.0%	0

**Glenbard Wastewater Authority  
CY2025 Budget - 270-2 NRI / St. Charles Rd. L.S.**

	<b>Item</b>	<b>Recommendations</b>	<b>CY24 Budgeted</b>	<b>Total</b>	<b>CY25 Budgeting</b>	<b>Total</b>
<b>St. Charles L.S.</b>						
520970 SC	Bldg and Grounds	Miscellaneous	150		150	
		Annual RPZ Certification	150		150	
		Annual Fire System Certification	150		150	
				<b>\$450</b>		<b>\$450</b>
520975 SC	Maint. Equip.	Misc Parts/Oils (Post Warranty)	1,500		1,500	
		Generator Diesel Fuel	2,500		2,500	
		Submersible Pumps Annual Maintenance	5,000		5,000	
		Generator Service	1,100		1,100	
				<b>\$10,100</b>		<b>\$10,100</b>
520980 SC	Maintenance Electronics	Control Panel PM/Repairs	200		200	
		Electrical Distribution PM/Repairs	100		100	
		HVAC Equipment PM/Repairs	200		200	
		Instrumentation PM/Repairs	200		200	
		Lighting Equipment PM/Repairs	100		100	
		Misc Spare Parts	200		200	
		Motor PM/Repairs	200		200	
		SCADA System PM/Repairs	500		500	
		Telecommunications PM/Repairs	100		100	
				<b>\$1,800</b>		<b>\$1,800</b>
521201 SC	Electric Power		20,000		20,000	
				<b>\$20,000</b>		<b>\$20,000</b>
<b>NRI</b>						
520970 NRI	Maint Piping and Grounds	Misc. repairs to the exposed manholes	500		500	
				<b>500</b>		<b>\$500</b>
<b>Total 270-2</b>				<b>\$32,850</b>		<b>\$32,850</b>

**270-3**  
**SOUTH REGIONAL INTERCEPTOR**  
**and**  
**VALLEY VIEW LIFT STATION**  
**O&M NARRATIVE**

The South Regional Interceptor (SRI) begins at the Valley View Lift Station which conveys flow approximately 1.0 mile before it becomes a .5 mile gravity sewer that flows into the SRI Pump Station. Through the 1.5 miles the pipe diameter changes from 18" to 30" as three additional sewers enter the SRI. The SRI Pump Station pumps the wastewater a short distance to a junction chamber for the NRI, SRI and 22<sup>nd</sup> Street flow. The junction chamber combines the three (3) interceptor pipes and conveys the flow through a 60" sewer line to the Glenbard Plant. The wastewater in the SRI is exclusively from collection systems operated and maintained by Illinois-American Water, a private utility company regulated by the Illinois Commerce Commission. Glenbard provides wastewater treatment for Illinois-American Water, who pays a user charge for this service to the Village of Glen Ellyn. This responsibility was acquired by the Village of Glen Ellyn as the "Operating Agency" for the Glenbard Wastewater Authority per an Intergovernmental Agreement. This limits the partners of the Glenbard Wastewater Authority to the Village of Glen Ellyn and the Village of Lombard.

The Valley View Lift Station was completely rebuilt during short year 2014 and a portion of calendar year 2015. The project included building a new wet well, valve vault, emergency by-pass pumping capabilities, a new control building that includes a control room, a new generator, and a utility closet. The project also addressed stormwater retention, low cost site maintenance, and site security. The total project cost for the station was \$1,945,190 which is \$32,622 less than the bid award. This project was designed and built with budgeted Capital Improvements Funds.

**Budget CY2025**  
**Operations & Maintenance**  
**270-3**  
**SRI / Valley View L.S.**

**EXPENSES**

		<b>Actual</b>	<b>Budgeted</b>	<b>Estimated</b>	<b>Budgeting</b>	<b>% Difference</b>	<b>\$ Difference</b>
		<b>CY2023</b>	<b>CY2024</b>	<b>CY2024</b>	<b>CY2025</b>	<b>CY24-CY25</b>	<b>CY24-CY25</b>
<b>Valley View Lift Station</b>							
520970 VV	Bldg. & Grnds. Support	7,776	1,200	1,800	1,200	0.0%	0
520975 VV	Maint. - Equipment	9,689	6,500	16,926	6,500	0.0%	0
520980 VV	Maint. - Electronics	0	1,000	0	1,000	0.0%	0
521201 VV	Electric Power	7,877	13,000	11,259	13,000	0.0%	0
521203 VV	Water	962	2,000	897	2,000	0.0%	0
<b>Total</b>		<b>26,305</b>	<b>23,700</b>	<b>30,882</b>	<b>23,700</b>	0.0%	0
<b>South Regional Interceptor</b>							
520970	Maint. - Piping & Grnds.	0	0	0	0	0.0%	0
<b>Total</b>		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	0.0%	0
<b>Total 270-3</b>		<b>26,305</b>	<b>23,700</b>	<b>30,882</b>	<b>23,700</b>	0.0%	0

**Glenbard Wastewater Authority  
CY2025 Budget - 270-3 - SRI / Valley View L.S.**

DESIGNATION	Item	Recommendation	CY24 Budgeted	Total	CY25 Budgeting	Total
<b>Valley View Lift Station</b>						
520970 VV	Bldg./Grnds - Support	Miscellaneous	1,000		1,000	
		Annual RPZ Certification	200		200	
				<b>\$1,200</b>		<b>\$1,200</b>
520975 VV	Maint. Equip.	Misc Parts/Oils (Post Warranty)	1,500		1,500	
		Generator Diesel Fuel	1,500		1,500	
		Pump Maintenance	2,000		2,000	
		Generator Service	1,500		1,500	
				<b>\$6,500</b>		<b>\$6,500</b>
520980 VV	Maint, Electronics	Control Panel PM/Repairs	50		50	
		Electrical Distribution PM/Repairs	100		100	
		HVAC Equipment PM/Repairs	100		100	
		Instrumentation PM/Repairs	100		100	
		LAN PM/Repairs	0		0	
		Lighting Equipment PM/Repairs	50		50	
		Motor PM/Repairs	100		100	
		SCADA System PM/Repairs	500		500	
		Telecommunications PM/Repairs	0		0	
				<b>\$1,000</b>		<b>\$1,000</b>
521201 VV	Electricity			<b>\$13,000</b>		<b>\$13,000</b>
521203 VV	Water			<b>\$2,000</b>		<b>\$2,000</b>
				<b>\$0</b>		<b>\$0</b>
		<b>Total 270-3</b>		<b>\$23,700</b>		<b>\$23,700</b>

Capital



**GLENBARD WASTEWATER AUTHORITY FUND 40 CAPITAL PLAN**

REVENUE in Thousands \$	Footnotes	CY(2024)	CY(2025)	CY(2026)	CY(2027)	CY(2028)	CY(2029)	CY(2030)	CY(2031)	CY(2032)	CY(2033)	CY(2034)	CY(2035)	CY(2036)	CY(2037)	CY(2038)	CY(2039)	CY(2040)	CY(2041)	CY(2042)	CY(2043)	CY(2044)	CY(2045)
		Estimated	Planning	Planning	Planning	Planning	Planning	Planning	Planning	Planning	Planning	Planning	Planning	Planning	Planning	Planning	Planning	Planning	Planning	Planning	Planning	Planning	Planning
Proceeds from Borrowing	1	6500		7021			7907			24000	20000	20000											
Investment Income		222	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20
Glen Ellyn Conn Fees		25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25
Lombard Conn Fees		50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50
Demand Response Program	2	8	8																				
Leachate Revenue	3	8	5																				
Fats Oil & Grease (FOG) / Industrial Waste Tipping Fees	4	225	150	175	175	200	200	225	225	225	225	250	250	250	250	250	275	275	275	275	275	275	275
Cell Tower Revenue	5	68	72	76	81	86	91	96	102	108	115	122	129	137	145	154	163	173	183	194	206	218	231
Operating Surplus Transfers	6	275	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50
Pretreatment Fines		0	0																				
Renewable Energy Credits		127	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
Misc. Revenue		15	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Capital Fund Contribution - Glen Ellyr		1731	1786	1800	1845	1891	1939	1987	2012	2037	2063	2088	2114	2141	2168	2195	2222	2250	2278	2307	2335	2365	2394
Capital Fund Contribution - Lombarc		2077	2117	2200	2255	2312	2369	2429	2459	2490	2521	2552	2584	2617	2649	2682	2716	2750	2784	2819	2854	2890	2926
Total Capital Fund Contribution	7	3808	3903	4000	4100	4203	4308	4416	4471	4527	4583	4641	4699	4757	4817	4877	4938	5000	5062	5126	5190	5255	5320
<b>TOTAL REVENUE</b>		11331	4314	11449	4532	4665	12682	4913	4974	29036	25099	25188	5254	5320	5388	5457	5527	5624	5696	5771	5846	5924	6002
<b>EXPENSES in Thousands \$</b>		<b>CY(2024)</b>	<b>CY(2025)</b>	<b>CY(2026)</b>	<b>CY(2027)</b>	<b>CY(2028)</b>	<b>CY(2029)</b>	<b>CY(2030)</b>	<b>CY(2031)</b>	<b>CY(2032)</b>	<b>CY(2033)</b>	<b>CY(2034)</b>	<b>CY(2035)</b>	<b>CY(2036)</b>	<b>CY(2037)</b>	<b>CY(2038)</b>	<b>CY(2039)</b>	<b>CY(2040)</b>	<b>CY(2041)</b>	<b>CY(2042)</b>	<b>CY(2043)</b>	<b>CY(2044)</b>	<b>CY(2044)</b>
Debt Service Payments:		Estimated	Planning	Planning	Planning	Planning	Planning	Planning	Planning	Planning	Planning	Planning	Planning	Planning	Planning	Planning	Planning	Planning	Planning	Planning	Planning	Planning	Planning
Ana Digester Project Debt Payment (P&I)	8	637	319																				
Final Clarifier Project Debt Payment (P&I) <b>BONDED @5%</b>					560	560	560	560	560	560	560	560	560	560	560	560	560	560	560	560	560	560	560
Biosolids Project Debt Payment (P&I)	9	123	123	123	123	123	123	123	123	123	123	123	123	123	123	123	123	123	123	123	123	123	123
Primary Clarifier Project Debt Payment (P&I - as scheduled)	10		488	488	488	487	491	489	486	488	489	490	490	489	487	489	491	486	490	488	491	482	482
CSO Plant Rehab Debt Payment (P&I) <b>IEPA LOAN @2%</b>								482	482	482	482	482											
Biological Nutrient Removal Debt Payment (P&I) <b>IEPA LOAN @2%</b>													4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000
FIP Debt Payment Actual (P&I)	11	1021	1021	1021	1021	1021	1021	1021	1021	1021	1021	1021	1021	1021	1021	1021	1021	1021	1021	1021	1021	1021	1021
<b>Debt Service Payment Subtotal</b>		<b>1781</b>	<b>1950</b>	<b>1632</b>	<b>2192</b>	<b>2191</b>	<b>2195</b>	<b>2675</b>	<b>2672</b>	<b>2674</b>	<b>2675</b>	<b>2676</b>	<b>6676</b>	<b>6675</b>	<b>6673</b>	<b>6675</b>	<b>6677</b>	<b>6672</b>	<b>5655</b>	<b>5530</b>	<b>5533</b>	<b>5042</b>	<b>5042</b>
<b>Debt Service Subtotal</b>		<b>1781</b>	<b>1950</b>	<b>1632</b>	<b>2192</b>	<b>2191</b>	<b>2195</b>	<b>2675</b>	<b>2672</b>	<b>2674</b>	<b>2675</b>	<b>2676</b>	<b>6676</b>	<b>6675</b>	<b>6673</b>	<b>6675</b>	<b>6677</b>	<b>6672</b>	<b>5655</b>	<b>5530</b>	<b>5533</b>	<b>5042</b>	<b>5042</b>
<b>Capital Improvements</b>																							
Property Acquisition		470	0		600		650		700														
<b>Capital Improvement Projects</b>																							
Vehicle and Equipment Replacemen	12	386	258	789	315	69	238	295	0	200	0	0	166	0	0	0	0	183	0	0	0	0	0
Small Capital Projects	13	236	208	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250
Infrastructure Improvements	14	107	50	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
Roof Replacements - Updated based on Repl. Schedule	15	0	133	212	259	100	80	53	328	185	235	208	0	0	0	1	1	227	0	0	0	0	0
Plant Equipment Rehabilitation	16	668	1343	600	600	600	600	200	600	600	600	600	200	600	600	600	600	200	600	600	600	600	600
Atomospheric Vaporizer Lease	17	19	20	20	20	25	25	25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MCC Replacements	18	0	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140
PLC Replacements - Campus Wide	19	0	0	0	0	0	0	0	0	0	0	0	0	300	0	0	0	0	0	0	0	0	0
Unox Deck Replacements*	20	90	100	100	100	100	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DuPage River Salt Creek Work Group Assmt for Watershed Projects	21	260	260	325	335	345	355	424															
Primary Clarifier & Gravity Thickener Improvements Projec	22																						
Engineering		76	300																				
Construction		595	5000																				
Plant/CSO Resurfacing		0																					
Administrative Parking Lot/Bemis Road Improvements		555	0																				
Facility Plan		218	0				300					350					400					450	
Primary Sludge Direct Digester Feed	23																						
Engineering		0	80																				
Construction		0		620																			
Collection System Televising	24		650					683					717					752					790
Intermediate Pumping Station and Clarifier Rehabilitation	25																						
Engineering		0	200																				
Construction				2000																			
Final Clarifier Rehabilitation	26																						
Engineering			915																				
Construction				7021																			
CSO Plant Rehab, Barscreen & Grit Collection System Upgrade						907		7000															
Engineering																							
Construction																							
Carbo RAS Meter & Final Clarifier RAS Waste Pump VFD Replacement*						25																	
<b>Anticipated Future Projects per the 20 Year 2013 Facility Plan.</b>																							
Biological Nutrient Removal																							
Engineering								2000	2000														
Construction										20000	20000	20000											
Project Total		3680	9657	12177	2119	2661	9188	4270	3418	21475	21325	21648	1573	1390	1090	1091	1491	1669	1273	1090	1090	1540	1880
<b>IFT/DEBT SERVICES / PROJ TOTAL</b>		<b>5930</b>	<b>11607</b>	<b>13809</b>	<b>4911</b>	<b>4852</b>	<b>12033</b>	<b>6944</b>	<b>6790</b>	<b>24149</b>	<b>24000</b>	<b>24324</b>	<b>8248</b>	<b>8065</b>	<b>7763</b>	<b>7766</b>	<b>8168</b>	<b>8342</b>	<b>6928</b>	<b>6620</b>	<b>6623</b>	<b>6582</b>	<b>6922</b>
<b>Cash on Hand 1/1</b>		<b>7701</b>	<b>13102</b>	<b>5809</b>	<b>3449</b>	<b>3071</b>	<b>2884</b>	<b>3533</b>	<b>1502</b>	<b>(314)</b>	<b>4573</b>	<b>5672</b>	<b>6536</b>	<b>3542</b>	<b>798</b>	<b>(1577)</b>	<b>(3887)</b>	<b>(6528)</b>	<b>(9246)</b>	<b>(9246)</b>	<b>(10478)</b>	<b>(11254)</b>	<b>(11912)</b>
<b>Gain/Loss FY</b>		<b>5401</b>	<b>(7293)</b>	<b>(2360)</b>	<b>(378)</b>	<b>(187)</b>	<b>649</b>	<b>(2031)</b>	<b>(1816)</b>	<b>4887</b>	<b>1099</b>	<b>865</b>	<b>(2994)</b>	<b>(2744)</b>	<b>(2375)</b>	<b>(2310)</b>	<b>(2641)</b>	<b>(2718)</b>	<b>(1232)</b>	<b>(849)</b>	<b>(776)</b>	<b>(658)</b>	<b>(920)</b>
<b>Cash on Hand 12/31</b>		<b>13102</b>	<b>5809</b>	<b>3449</b>	<b>3071</b>	<b>2884</b>	<b>3533</b>	<b>1502</b>	<b>(314)</b>	<b>4573</b>	<b>5672</b>	<b>6536</b>	<b>3542</b>	<b>798</b>	<b>(1577)</b>	<b>(3887)</b>	<b>(6528)</b>	<b>(9246)</b>	<b>(10478)</b>	<b>(10095)</b>	<b>(11254)</b>	<b>(11912)</b>	<b>(12832)</b>

\* = Process Equipment Replacement/Work Done In-House  
**All other projects include a 15% contingency and Engineering, Legal, & Admin @ 15% of the Construction Cost**

## CY2025

### FUND 40 CAPITAL FOOTNOTES

- (1) **CY2024 Proceeds From Borrowing (\$6,500,000):**  
This line item depicts the borrowing in CY2024 to help fund the Primary Clarifier Rehabilitation Project. The Village of Glen Ellyn obtained a bond with the proceeds being transferred to the Village. The 20-year Debt payment will also begin in CY2024.
- (2) **Demand Load Response Program (\$8,000)**  
In CY2018 the EOC approved the Authority to enter into a Demand Load Response program. Since we have the ability to use the backup generators to remove ourselves from the power grid, the power companies ask that we remain available to do so in the event their demand is too high for any given period. For remaining available to do so we are granted some revenue. The revenue in this program has declined over the years, but a new contract will be revisited in CY2025, as incentives are expected to increase again.
- (3) **Leachate Revenue (\$5,000):**  
For many years the Authority has been accepting leachate from Waste Management. Leachate is water drained from closed landfills, and is generally inert in nature. Historically, the Authority saw a revenue of anywhere between \$100,000 upwards some years to near \$200,000. Leachate flow is heavily dependent on rainfall, so if less than average precipitation amounts are experienced, there will be a decrease in leachate revenue, and likewise for higher amounts of rainfall. Unfortunately, over the course of 2022, the Authority realized a significant decline in the amount of leachate being brought in. This is mostly related to hauling logistics, and that Waste Management has been building direct pipelines from closed landfills to wastewater treatment plants, all of which are closer geographically to the landfills than the Authority. The Authority still receives leachate from Waste Management from time to time, accounting for a small amount of revenue
- (4) **Fats Oil & Grease (FOG)/Industrial Waste Tipping Fees (\$150,000):** In CY2016 upon the completion of the Combined Heat and Power Engines and the FOG receiving station, the EOC approved the acceptance of these materials in order to generate revenue. The program was put on a moratorium in August 2017 during a major biological upset, but was restarted again in April 2018 after thorough research into proper methods. This program continues to grow, and the Authority routinely increases the price it charges to receive materials based on inflation,

however, conservative amounts of revenue are budgeted due to the potential for these operations to halt based on biological processes.

**(5) Cell Tower Revenue (\$71,461):**

In CY2016 the Authority and the Village of Glen Ellyn negotiated with TowerCo to build a new tower capable of accepting up to four carriers. The new tower was built in CY2017, and added Verizon as a carrier, therefore adding our anticipated revenue from leasing the land for the cellular tower. This could be increased if an additional carrier signs onto the tower, as there is still room for one more carrier.

**(6) Operating Surplus Transfers (\$274,790):**

The EOC approved the audit reported CY2023 O&M surplus to be transferred to the Capital Fund 40 at the June 13, 2024 meeting.

**(7) Capital Fund Contributions (\$4,313,943):**

The Capital Improvement Fund 40 relies on dedicated contributions from both communities to support GWA capital expenses. As part of the 2024 Facility Planning Study, the capital projects listed in the capital plan were revisited, as prior construction estimates were performed in 2018. Through COVID, the construction industry experienced significant increases in costs related to supply chain and other issues. The capital construction costs were updated and included into the capital plan, demonstrating a need for a smaller increase over the next 5 years rather than a significant increase prior to going into a deficit. Therefore, the Technical Advisory Committee and Finance Directors agreed to increase this years capital contribution increase from 1.25% to 2.5%

**(8) Anaerobic Digester Improvement Project Debt Payment (\$318,501):**

This is the principal and interest payment for the IEPA Loan utilized for the 2007-2013 installation of a new 80' digester at the Glenbard Plant. The amount of the loan was \$7,543,026 to be paid back over fifteen (15) years at an interest rate of 2.5%. Substantial completion was awarded near the end of FY2011. Final Completion of the Anaerobic Digester Project was awarded in November 2013. This represents this single remaining payment on this debt service.

**(9) Biosolids Dewatering Improvements Project Debt Payment (\$122,855):**

This is the principal and interest payment for the IEPA Loan utilized for the 2021 Biosolids Dewatering Improvements Project. The amount of the loan was \$2,490,750 to be paid back over twenty years at an interest rate of 1.35%, however, only \$2,085,000 of the approved loan amount was used. Repayments started in early 2023.

**(10) Primary Clarifier Project Debt Payment**

This is the principal and interest payment for repaying the Village of Glen Ellyn's bond proceeds that funded the Primary Clarifier and Gravity Thickener Improvements Project that was awarded in CY2024. The total amount of the loan to be paid back is \$9,772,931.98 to be paid back over 20 years at an interest rate of 4.8% averaged over the 20 years of debt service.

**(11) Facility Improvement (FIP) Debt Payment Actual (Principal & Interest) (\$1,020,863)**

This is the principal and interest payment for the IEPA loan utilized for the 2016 Facility Improvement Project, which included the installation of new tertiary filters, a new raw pump station, and new plant utilities. The total amount of the loan to be paid back is \$16,725,000 to be paid back over 20 years at an interest rate of 1.75%. Substantial Completion of this project was achieved in July 2020.

**(12) Rolling Stock (\$258,000):**

The CY2025 budget designates the Authority replacing two pieces of equipment; a 2014 F350 Maintenance Truck, and a 2009 Bobcat Skid Steer.

**(13) Small Capital Improvements (\$207,740):**

This cost center provides for small capital improvements, such as miscellaneous equipment, property demolition, small projects, materials and small projects.

**(14) Infrastructure Improvements (\$50,000):**

This cost center provides for various infrastructure improvements throughout the GWA Facilities, which would include underground work on various plant utilities.

**(15) Roof Replacements (\$133,000):**

This year GWA will be taking a hiatus on minor roofing replacements at the Glenbard Plant while we evaluate the updated plan for future needs.

**(16) Plant Equipment Rehabilitation (\$1,343,000):**

This cost center provides for various equipment rehabilitations throughout the GWA Facilities, such as work on sewers and lift stations, and rehabilitating existing equipment. Specifically, in CY2025, the Authority intends to continue its multiphase project to perform significant rehabilitation to its interceptors, as a considerable need for it was revealed in a recent study performed in CY2021

**(17) Atmospheric Vaporizer Lease (\$20,400)**

In CY2017 the Authority decommissioned its aging cryogenic plant that was used to create pure oxygen and begin hauling in liquid oxygen produced offsite. In order to meet the needs of this new process, atmospheric vaporizers were leased, as it was determined more cost effective to lease them than purchase them.

**(18) Motor Control Center (MCC) Replacements (\$140,000)**

Sufficient replacement funds should be established to support the rehabilitation and replacement efforts necessary to ensure continued operation of all equipment onsite, and to maintain safe electrical equipment. Based on the estimated replacement costs provided in the facility plan, it is recommended that the Authority budget to replace all of the identified equipment over the next ten years. In addition, it is recommended that as part of each capital improvements project that the Authority completes that the MCC's identified be incorporated into the scope of the project. The overall budgeted values should then be updated based on the improvements that have been completed at the end of each year.

**(19) Program Logic Controller (PLC) Replacements (\$0)**

Historically, the capital fund would designate \$130,000 per year for this item. However, after purchasing new PLC's and having them installed in CY2021 for a cost of \$216,000, this item had been lowered to \$40,000 per year beginning in CY2023 in order to begin budgeting for future years. The purpose of this was to establish sufficient replacement funds to support the rehabilitation, repair, and replacement efforts necessary to ensure the continued future reliability of the aging instrumentation and control equipment, as well as to take advantage of new technology. In addition, it is recommended that as part of each capital improvements project that the Authority completes that the PLC's identified be incorporated into the scope of the project. In light of the replacement in CY2021, and that any replacements in the interim before the next major upgrade would be incorporated into other project cost, this item was revised to simply budget for another capital project in CY2036 when the majority of the new equipment reaches its expected life.

**(20) Unox Deck Replacements (\$100,000)**

Due to the age and condition of the equipment and structures on the Unox deck, the high cost of complete replacement, and the strong possibility of needing a new process due to future regulations – the facility plan recommended budgeting \$100,000 every year until the anticipated plant upgrade in order to anticipate various replacements for failed equipment and rehabilitation of structures.

**(21) DuPage River Salt Creek Work Group (\$259,999):**

The project initiatives that the East / West Branch DuPage River & Salt Creek watersheds are providing to the IEPA are imperative to the impacts of the nutrient standards relating to point source dischargers. The work group has been recognized by the IEPA as a leader in developing remediation to stream standards particularly relating to habitat improvements. The work group believes that stream remediation is the path to healthier streams and rivers versus the implementation of overly stringent nutrient discharge limits for phosphorus and total nitrogen. Educating communities about chloride utilization, storm water best management practices, and the discontinued use of coal tar sealants have also been important functions provided by this group. The IEPA has granted the Authority with first of two potential permit cycles (10) years without impending NPDES limits for phosphorus. If the Authority fails to support the assessed fees as agreed to per the commitment agreement with the DRSCWG we may be facing a phosphorus limit as low as .1 mg/l versus a 1.0 mg/l. In CY2021, the EOC approved entering into an additional 3 years of this special assessment from the workgroup to continue avoiding regulations related to phosphorus

**(22) Primary Clarifier Improvements Project Engineering & Construction (\$300,000 & \$5,000,000)**

This project consists of three components; Primary Clarifier Improvements, Primary Grit Odor Control Improvements, and Gravity Thickener Improvements. These components were combined into a single project due to an economy of scale due to their adjacent locations within the plant, similar scope of work and that all the equipment has now exceeded its life expectancy. This project was bid out and awarded in spring of 2024, however, due to extensive lead times, construction is not expected to start until summer of 2025. While the project is actually shown to be under the CY2024 estimated, the majority of the project will be occurring in CY2025, with the final payments expected in early CY2026. As the project commences, these funds will be carried into each subsequent calendar year.

**(23) Primary Sludge Direct Digester Feed Engineering & Construction (\$80,000)**

With the Primary Clarifier Improvement Project that is expected to be completed in CY2026, pumping modifications to the primary sludge system will allow primary sludge to be sent directly to anaerobic digestion. This has a number of advantages over the existing process of “co-thickening” the primary sludge with other sludges. Sending the primary sludge directly to the digester can help prevent upsets in the digester, as well as allow for better operation of the primary clarifiers. In addition, co-thickening the primary sludge with the other sludges can create septic

conditions which may lead to nuisance odors and should be avoided if possible. In general, exposing primary sludge to atmosphere should be avoided to reduce the potential for objectionable odors. While this project was slated to start in CY2024, it is expected the funds will need to be carried over into CY2025, and even CY2026 due to the delays with the Primary Clarifier Improvement Project

**(24) Collection System Televising (\$650,000)**

The Authority's IEPA approved capacity maintenance and operations management (CMOM) plan requires that the Authority televise its entire collection system every 5 years.

**(25) Intermediate Pump Station and Clarifier Improvements Project Engineering (\$200,000)**

The 2018 Facility Plan recommended the design and replacement of the Intermediate Pump station in CY2021, and the Intermediate Clarifiers in CY2025. Due to the potential for these processes to be redesigned, repurposed, or eliminated when the Authority converts to a biological nutrient removal process after Phosphorus regulations are implemented, these projects were "shelved." However, after critical failures in CY2023 at the pump station, it has been determined that some aspects of rehabilitation do need to occur. Since the Intermediate Clarifiers are immediately adjacent to the pump station and are expected to need some improvements as well, they are being lumped in with the lift station. This is budget for design engineering to identify components that are prone to failure in the next 10 years, and to develop plans and specifications for the bidding of work to occur in CY2026, where \$2M is budgeted for construction. The estimated construction cost for this project was updated with the 2024 Facility Planning Study.

**(26) Final Clarifier Rehabilitation (\$915,000)**

The 2018 Facility Plan recommended the design and rehabilitation of the Authority's Final Clarifiers beginning in CY2025. The equipment relating to this process is near to the end of its life expectancy and will need to be rehabilitated. This project will consist of replacing the final clarifier mechanisms, gates, and other associated equipment. The estimated construction cost for this project was updated with the 2024 Facility Planning Study.

Budget CY2025  
 Glenbard Treatment Facility  
 Fund 40 Capital Plan  
 Capital Improvements Detail

	Estimated CY2024	Budgeting CY2025	
PROCEEDS FROM BORROWING	6,500,000		
INVESTMENT INCOME	222,000	20,000	
CONNECTION FEES - GLEN ELLYN	25,000	25,000	
CONNECTION FEES - LOMBARD	50,000	50,000	
ENERNOC DEMAND RESPONSE PROGRAM	8,000	8,000	
LEACHATE REVENUE	8,400	5,000	
FATS OIL & GREASE (FOG) / INDUSTRIAL WASTE TIPPING FEES	225,000	150,000	
CELL TOWER REVENUE	68,000	72,080	
OPERATING SURPLUS TRANSFERS	274,790	50,000	
PRETREATMENT FINES	0	0	
RENEWABLE ENERGY CREDITS	127,303	30,000	
MISCELLANEOUS REVENUE	15,000	1,000	
EQUIPMENT REPLACEMENT FUND			
	GLEN ELLYN - 45.75%	1,730,587	1,785,755
	LOMBARD - 54.25%	2,077,085	2,117,108
<b>REVENUES TOTAL:</b>	<b>11,331,164</b>	<b>4,313,943</b>	
<b>PRINCIPAL &amp; INTEREST:</b>			
IEPA FIP PRINCIPAL	775,872	789,509	
IEPA FIP INTEREST	244,992	231,354	
IEPA BIOSOLIDS PRINCIPAL	96,755	98,066	
IEPA BIOSOLIDS INTEREST	26,099	24,788	
IEPA DIGESTER PRINCIPAL	617,534	314,569	
IEPA DIGESTER INTEREST	19,467	3,932	
PRIMARY CLARIFIER BOND PRINCIPAL	315,000	195,000	
PRIMARY CLARIFIER BOND INTEREST	163,226	281,025	
PRIMARY CLARIFIER BOND "OTHER"	11,584	11,584	
<b>PRINCIPAL &amp; INTEREST TOTALS:</b>	<b>2,270,529</b>	<b>1,949,828</b>	
<b>CAPITAL IMPROVEMENTS</b>			
PROPERTY ACQUISITION			
	SPENT/ESTIMATED TO SPEND	470,000	
<b>CAPITAL IMPROVEMENT PROJECTS</b>			
VEHICLE AND EQUIPMENT REPLACEMENT	385,533	258,000	
SMALL CAPITAL PROJECTS	236,200	207,740	
INFRASTRUCTURE UPGRADES	106,600	50,000	
ROOF REPLACEMENTS	0	133,000	
PLANT EQUIPMENT REHABILITATION	667,642	1,343,000	
CRYO MAINTENANCE/ATMOSPHERIC VAPORIZER PURCHASE OR LEASE	19,400	20,400	
MCC REPLACEMENTS	0	140,000	
PLC REPLACEMENTS	0	0	
UNOX DECK REPLACEMENTS	90,000	100,000	
PRIMARY SLUDGE DIRECT DIGESTER FEED ENGINEERING		80,000	
PRIMARY SLUDGE DIRECT DIGESTER FEED CONSTRUCTION			
FACILITY PLAN	218,000	0	
DUPAGE RIVER SALT CREEK WORKGROUP ASSESSMENT	259,999	259,999	
COLLECTION SYSTEM TELEVISIONING	0	650,000	
ADMINISTRATION PARKING LOT/BEMIS RECONSTRUCTION	555,203	0	
PRIMARY CLARIFIER & GRAVITY THICKENER REHABILITATION ENGINEERING	75,976	300,000	
PRIMARY CLARIFIER & GRAVITY THICKENER REHABILITATION CONSTRUCTION	595,000	5,000,000	
FINAL CLARIFIER REHABILITATION ENGINEERING		915,000	
FINAL CLARIFIER REHABILITATION CONSTRUCTION			
INTERMEDIATE PUMP STATION AND CLARIFIER REHABILITATION ENGINEERING		200,000	
INTERMEDIATE PUMP STATION AND CLARIFIER REHABILITATION CONSTRUCTION	0		
<b>CAPITAL IMPROVEMENTS TOTALS:</b>	<b>3,209,552</b>	<b>9,657,139</b>	
<b>PRINCIPAL &amp; INTEREST / CAPITAL IMPROVEMENTS TOTALS</b>	<b>5,950,082</b>	<b>11,606,967</b>	



**Glenbard Wastewater Authority  
CY2025 Small Capital Improvement  
40 580120**

Designation	Recommendations	CY24 Budgeted	CY24 Estimated	CY25 Budgeting
	Miscellaneous Office Furniture Upgrades	2,000	2,000	2,000
	Property Demolition	0	0	0
	Solar Feasibility Study	0	43,000	0
	Interior LED Lighting	10,000		10,000
	Health & Wellness- Exercise Equipment Upgrades	1,000	1,000	1,000
	Software Upgrades (OS & Application)	6,000	0	10,000
	Workstation Replacements SCADA & LAN	10,000	10,000	10,000
	Grinder Exchange Program	25,000	25,000	25,000
	Metal Stock and Metal for Various Projects	5,000	5,000	5,000
	Flare Improvements	5,000	5,000	5,000
	Reporting & Data Analytics	30,000	30,000	50,000
	SCADA iFIX Software Upgrade/Server Hardware/Software Upgrades	20,000	20,000	0
	PVC Pipe, Fittings and Valves	5,000	5,000	5,000
	Combined Heat & Power Spare Parts	10,000	10,000	10,000
	Screw Pump - Lower Bearing Replacement	10,000	0	0
	Sustainability Committee Projects	10,000	10,000	10,000
	Pollinator Garden Establishment	0	0	2,240
	Rehabilitate/Replace Instrument Air Compressor			
	Replacement Portable Ecosorb Unit	5,000	5,000	
	Admin Building Landscape Project			15,000
	Asphalt Removal/Replacement with Concrete @Road near pad			15,000
	Open House Costs			2,500
	UNOX LEL Monitoring Equipment Replacement	0		0
	FOG Feed and Digester Transfer Flow Meter Replacement	0	11,200	0
	Grit Building Overhead Door Actuator	10,000	19,000	
	Admin Humidity Issues	20,000	0	20,000
	Vega Level Sensors	10,000	10,000	10,000
	MSA LEL Sensors	10,000	10,000	0
	Site Lighting LED Retrofits on Existing Lightpoles	15,000	15,000	0
	<b>Grand Total</b>	<b>\$219,000</b>	<b>\$236,200</b>	<b>\$207,740</b>

**Glenbard Wastewater Authority  
CY2025 Infrastructure Improvement  
40 580140**

<b>Designation</b>	<b>Recommendations</b>	<b>CY24 Budgeted</b>	<b>CY24 Estimated</b>	<b>CY25 Budgeting</b>
	Campus Surveillance System Installation	50,000	13,600	5,000
	Electronic Security Access	10,000		10,000
	Bridge Rehabilitation (Engineering and Construction)	80,000	93,000	0
	IDOT Relocation Engineering Assistance	0	0	20,000
	Annual Tuckpointing	0	0	15,000
	Routine Interior Painting (see schedule)	0	0	0
	Roof Replacement Consulting	0	0	0
	<b>Grand Total</b>	<b>\$140,000</b>	<b>\$106,600</b>	<b>\$50,000</b>

**Glenbard Wastewater Authority  
CY2025 Plant Equipment Rehabilitation  
40 580150**

Designation	Recommendations	CY24 Budgeted	CY24 Estimated	CY25 Budgeting
Glenbard Plant	Moyno Pumps Spare Parts (Total of 10 Moyno Pumps)	25,000	20,000	25,000
	Annual Collection System Rehabilitation Funding (Televising, Repairs, etc.)	650,000	517,565	0
	West Boiler Repair Tube Repair	35,000	0	0
	Collection System Rehabilitaiton Engineering	55,000	55,000	0
	Interceptor Heavy Cleaning (Construction & Engineering)	650,000		650,000
	Digester Cleaning	0		250,000
	Siloxane and Hydrogen Sulfide Media Replacement	100,000	60,000	90,000
	Washer Replacement	0	0	5,000
	Electric Valve Operator	0	0	6,000
	Copier Replacement	10,000	6,077	0
	Grit Chamber Rehabilitation - Steel, Redwood, Chain & Sprockets	5,000	0	15,000
	Concrete Lining System - Various Locations	10,000	0	0
	New Doors at CSO Hypo/Thio Rooms	0	0	15,000
	Disc Filter Backwash Spare Pump	0	0	30,000
	F450 Dump Truck with Plow Bed Replacement - 647	15,000	0	0
	Co-Gen Tie Breaker Refurbishment & Reconditioned Spare	0	0	75,000
	Elevator Control Panel Upgrade/Replacement	0	0	150,000
	Miscellaneous Laboratory Equipment	12,000	9,000	32,000
	Annual Lift Station Rehabilitation Funding	0		0
<b>Grand Total</b>		<b>\$1,567,000</b>	<b>\$667,642</b>	<b>\$1,343,000</b>

**Glenbard Wastewater Authority Roof Replacement Schedule**  
**CY 2025 -- Roof Replacement Cost Based on \$37.010581291008/ sq. ft.**

price increase year over year 1.04  
 CURRENT Budget Year 2025

Building Code	Building Description	Roof Installation Year	Known Issues	Existing Roof Type	2017 Showalter Useful Life	Recommended Replacement Type	Square Footage	Warranty Expires	Scheduled Assessment	Scheduled Replacement	Roof Replacement Estimation
A	Bar Screen	1993		4 ply, fiberglass felts, Type VI in asphalt w/gravel surface	3 - 5	Existing Type	1,500	Expired	2019	2022	\$ 49,353
J	Pump & Metering	1996		4 ply, fiberglass felts, Type VI in asphalt w/gravel surface	3 - 5	Existing Type	1,224	Expired	2019	2022	\$ 40,272
N	Warehouse	1998		4 ply, fiberglass felts, Type VI in asphalt w/gravel surface	2 - 3	Existing Type	2,490	Expired	2019	2022	\$ 81,927
CSO-C	Tin Shed	unknown	Leaks	unknown		Standing Metal Seam	1,024	Expired	2019	2022	\$ 33,692
B	Raw Pump	2008		4 ply, fiberglass felts, Type VI in asphalt w/gravel surface	3 - 5	Existing Type	3,575	Expired	2022	2025	\$ 132,313
U	Digesters	2005/2008		White, Thermoplastic (TPO) Fully Adhered EPDM	6 - 10	Existing Type	5,500	Expired	2022	2026	\$ 211,701
S	Maint. Shop	2008		4 ply, fiberglass felts, Type VI in asphalt w/gravel surface	6 - 10	Existing Type	6,460	Expired	2022	2027	\$ 258,598
Q	Cryo	2010		4 ply, fiberglass felts, Type VI in asphalt w/gravel surface	5 - 10	Existing Type	2,400	2020	2022	2028	\$ 99,916
D	Pri. Diversion	2010		4 ply, fiberglass felts, Type VI in asphalt w/gravel surface	12 - 15	Existing Type	207	2020	2022	2029	\$ 8,963
F	Unox	2010		4 ply, fiberglass felts, Type VI in asphalt w/gravel surface	12 - 15	Existing Type	608	2020	2022	2029	\$ 26,325
H	Screw	2010		4 ply, fiberglass felts, Type VI in asphalt w/gravel surface	12 - 15	Existing Type	1,020	2020	2022	2029	\$ 44,163
P	Truck Bay (Lower Roof)	2010		Fully adhered white, TPO		Existing Type	323	Expired	2022	2030	\$ 14,544
P	FOG Tank (Lower Roof)	2010		4 ply, fiberglass felts, Type VI in asphalt w/gravel surface		Existing Type	722	2020	2022	2030	\$ 32,511
R	Admin	2012		4 ply, fiberglass felts, Type VI in asphalt w/gravel surface	5 - 8	Existing Type	6,996	2022	2022	2031	\$ 327,624
C	Grit	2012		4 ply, fiberglass felts, Type VI in asphalt w/gravel surface	12 - 15	Existing Type	1,227	2022	2022	2032	\$ 59,759
V	CoGen	2012	Leaks	4 ply, fiberglass felts, Type VI in asphalt w/gravel surface	10 - 15	Existing Type	2,552	2022	2019	2032	\$ 124,291
CSO-A	A Raw Pump (South Building)	2012		4 ply, fiberglass felts, Type VI in asphalt w/gravel surface		Existing Type	3,025	2022	2022	2033	\$ 153,221
CSO-B	B Grit (North Building)	2012		4 ply, fiberglass felts, Type VI in asphalt w/gravel surface		Existing Type	1,600	2022	2022	2033	\$ 81,042
Y	CHP	2016		Black/White Fully adhered, TPO		Existing Type	3,948	2026	2022	2034	\$ 207,971
LS-St. Ch	St. Charles Rd LS	2011		Standing Metal Seam		Existing Type	896	2021	2022	2040	\$ 59,722
LS-VV	Valley View LS	2015		Standing Metal Seam		Existing Type	2,500	2025	2022	2040	\$ 166,635
T	CRAS / Electronics	2018		4 ply, fiberglass felts, Type VI in asphalt w/gravel surface		Existing Type	2,915	2028	2038	2048	\$ 265,908
P	Press (Upper Roof)	2018		4 ply, fiberglass felts, Type VI in asphalt w/gravel surface		Existing Type	2,750	2028	2038	2048	\$ 250,857
O	UV	2019		4 ply, fiberglass felts, Type VI in asphalt w/gravel surface		Existing Type	4,250	2029	2039	2049	\$ 403,195
Z	SRI	2019		Asphalt Shingle		Existing Type	1,000	2029	2039	2049	\$ 94,869
L	Filter	2020		4 ply, fiberglass felts, Type VI in asphalt w/gravel surface	2 - 3	Existing Type	12,912	2030	2019	2050	\$ 1,273,952
E	Scum	2021		4 ply, fiberglass felts, Type VI in asphalt w/gravel surface	1 - 5	Existing Type	1,050	2031	2019	2051	\$ 107,741
G	ATAD	2021		4 ply, fiberglass felts, Type VI in asphalt w/gravel surface	3 - 5	Existing Type	540	2031	2019	2051	\$ 55,410

Year	Annual Total		TOTAL BUDGET
	Assessment Cost	Replacement Cost	
2020	\$ -	\$ -	\$ -
2021	\$ -	\$ -	\$ -
2022	\$ 3,200	\$ 205,244	\$ 209,000
2023	\$ -	\$ -	\$ -
2024	\$ -	\$ -	\$ -
2025	\$ -	\$ 132,313	\$ 133,000
2026	\$ -	\$ 211,701	\$ 212,000
2027	\$ -	\$ 258,598	\$ 259,000
2028	\$ -	\$ 99,916	\$ 100,000
2029	\$ -	\$ 79,450	\$ 80,000
2030	\$ 5,000	\$ 47,055	\$ 53,000
2031	\$ -	\$ 327,624	\$ 328,000
2032	\$ -	\$ 184,050	\$ 185,000
2033	\$ -	\$ 234,263	\$ 235,000
2034	\$ -	\$ 207,971	\$ 208,000
2035	\$ -	\$ -	\$ -
2036	\$ -	\$ -	\$ -
2037	\$ -	\$ -	\$ -
2038	\$ 400	\$ -	\$ 1,000
2039	\$ 400	\$ -	\$ 1,000
2040	\$ -	\$ 226,357	\$ 227,000
2041	\$ -	\$ -	\$ -
2042	\$ -	\$ -	\$ -
2043	\$ -	\$ -	\$ -
2044	\$ -	\$ -	\$ -
2045	\$ -	\$ -	\$ -
2046	\$ -	\$ -	\$ -
2047	\$ -	\$ -	\$ -
2048	\$ -	\$ 516,764	\$ 517,000
2049	\$ -	\$ 498,064	\$ 499,000
2050	\$ -	\$ 1,273,952	\$ 1,274,000
2051	\$ -	\$ 163,151	\$ 164,000
2052	\$ -	\$ -	\$ -
2053	\$ -	\$ -	\$ -
2054	\$ -	\$ -	\$ -
2055	\$ -	\$ -	\$ -
2056	\$ -	\$ -	\$ -

**Glenbard Wastewater Authority Painting Schedule**  
**CY 2025 -- Painting Cost Based on \$1.191016/ sq. ft.**

price increase year over year  
 CURRENT Budget Year

1.06  
 2025

Building Code	Building Description	Most Recent Paint Year	Known Issues	Est Square Footage	Scheduled Paint Year	Paint Job Estimation
A	Bar Screen	Unknown		6,400		\$ 0
J	Pump & Metering	Unknown		1,224	2025	\$ 1,638
N	Warehouse	Unknown		2,490		\$ 0
CSO-C	Tin Shed	Unknown		1,024		\$ 0
B	Raw Pump	Unknown		22,000	2025	\$ 29,441
U	Digesters	Unknown		5,500		\$ 0
S	Maint. Shop	Unknown		6,460		\$ 0
Q	Cryo	Unknown		2,400		\$ 0
D	Pri. Diversion	Unknown		207	2025	\$ 277
F	Unox	Unknown		608		\$ 0
H	Screw	Unknown		1,020		\$ 0
P	Truck Bay (Lower Roof)	Unknown		323		\$ 0
P	FOG Tank (Lower Roof)	Unknown		722		\$ 0
R	Admin	Unknown		6,996		\$ 0
C	Grit	Unknown		1,227		\$ 0
V	CoGen	Unknown		2,552		\$ 0
CSO-A	A Raw Pump (South Building)	Unknown		3,025		\$ 0
CSO-B	B Grit (North Building)	Unknown		1,600		\$ 0
Y	CHP	Unknown		3,948		\$ 0
LS-St. Ch	St. Charles Rd LS	Unknown		896		\$ 0
LS-VV	Valley View LS	Unknown		2,500		\$ 0
T	CRAS / Electronics	Unknown		2,915		\$ 0
P	Press (Upper Roof)	Unknown		2,750		\$ 0
O	UV	Unknown		4,250		\$ 0
Z	SRI	Unknown		1,000		\$ 0
L	Filter	Unknown		12,912		\$ 0
E	Scum	Unknown		1,050	2025	\$ 1,405
G	ATAD	Unknown		540		\$ 0

Annual Total		
Year	Replacement Cost	TOTAL BUDGET
2020	\$ -	\$ -
2021	\$ -	\$ -
2022	\$ -	\$ -
2023	\$ -	\$ -
2024	\$ -	\$ -
2025	\$ 32,761	\$ 33,000
2026	\$ -	\$ -
2027	\$ -	\$ -
2028	\$ -	\$ -
2029	\$ -	\$ -
2030	\$ -	\$ -
2031	\$ -	\$ -
2032	\$ -	\$ -
2033	\$ -	\$ -
2034	\$ -	\$ -
2035	\$ -	\$ -
2036	\$ -	\$ -
2037	\$ -	\$ -
2038	\$ -	\$ -
2039	\$ -	\$ -
2040	\$ -	\$ -
2041	\$ -	\$ -
2042	\$ -	\$ -
2043	\$ -	\$ -
2044	\$ -	\$ -
2045	\$ -	\$ -
2046	\$ -	\$ -
2047	\$ -	\$ -
2048	\$ -	\$ -
2049	\$ -	\$ -
2050	\$ -	\$ -
2051	\$ -	\$ -
2052	\$ -	\$ -
2053	\$ -	\$ -
2054	\$ -	\$ -
2055	\$ -	\$ -
2056	\$ -	\$ -

Unit No.	Purchase Year	Unit Description	Scheduled Replacement	Purchased Price	Anticipated Sale Income	Appreciated Planned Year Purchase Cost*	Total Replacement Cost	Year	Annual Vehicle Budget
643	2012	F250 Pick Up w/plow (Fuel Truck)	2024	\$ 29,799	\$ 5,000	\$ 83,815	\$ 78,815	HOLD	\$ 1,677,000
644	2012	Crane Truck	2024	\$ 122,375	\$ 40,000	\$ 500,000	\$ 460,000		
642	2010	Dodge Grand Caravan	2024	\$ 19,916	\$ 3,000	\$ 66,554	\$ 63,554	2022	\$ -
646	2014	F350 Maintenance Truck	2025	\$ 62,816	\$ -	\$ 162,092	\$ 162,092	2023	\$ -
637	2009	Bobcat Skidsteer	2025	\$ 24,018	\$ -	\$ 95,359	\$ 95,359	2024	\$ 603,000
611	2004	Volvo Semi-Tractor	2026	\$ 76,425	\$ -	\$ 508,884	\$ 508,884	2025	\$ 258,000
648	2015	Explorer (Director's Vehicle - 7 year cycle)	2026	\$ 27,659	\$ -	\$ 71,372	\$ 71,372	2026	\$ 789,000
633	2006	Godwin 8" Trailer Mounted Pump	2026	\$ 37,181	\$ -	\$ 208,378	\$ 208,378	2027	\$ 315,000
647	2014	F450 Dump Truck with Plow	2027	\$ 47,052	\$ -	\$ 144,252	\$ 144,252	2028	\$ 69,000
649	2015	F350 with Utilimaster Body (Electric)	2027	\$ 35,875	\$ -	\$ 100,904	\$ 100,904	2029	\$ 238,000
TBN	2017	Polaris Gem eM1400 (Dump Bed Cart)	2027	\$ 14,532	\$ -	\$ 34,403	\$ 34,403	2030	\$ 295,000
TBN	2017	Polaris Gem eM1400 (Cart)	2027	\$ 14,831	\$ -	\$ 35,110	\$ 35,110	2031	\$ -
605	2016	C-Max Hybrid (Pretreatment)	2028	\$ 24,294	\$ -	\$ 68,331	\$ 68,331	2032	\$ 200,000
625	2016	Vac-Tron Vacuum Trailer with Jetter	2029	\$ 77,497	\$ -	\$ 237,591	\$ 237,591	2033	\$ -
630	2006	Tandem Dump Trailer	2030	\$ 37,181	\$ -	\$ 294,142	\$ 294,142	2034	\$ -
627	2020	Ford Utilimaster Low Cube (Electrical - orig. 2017)	2032	\$ 46,000	\$ -	\$ 129,383	\$ 129,383	2035	\$ 166,000
600	2017	Bobcat 250 EFI (Mounted on Crane Truck)	2032	\$ 4,570	\$ -	\$ 16,646	\$ 16,646	2036	\$ -
606	2017	Millermatic 350P w/Gun Push-Pull XR-A Aluma-Pro	2032	\$ 5,699	\$ -	\$ 20,759	\$ 20,759	2037	\$ -
620	2017	Miller TIG/Stick Dynasty 350	2032	\$ 8,946	\$ -	\$ 32,586	\$ 32,586	2038	\$ -
627	2020	Ford F-350 XL 4x2 Chassis Cab w/enclosed utility body (Electric)	2035	\$ 45,468	\$ -	\$ 165,616	\$ 165,616	2039	\$ -
612	2021	Daewoo Fork Lift	2041	\$ 32,646	\$ -	\$ 182,962	\$ 182,962	2040	\$ -
610	2002	John Deere Wheel Loader	HOLD	\$ 86,500	\$ -	\$ 1,363,528	\$ 1,363,528	2041	\$ 183,000
	2022	Trailer	HOLD	\$ 15,000		\$ 19,024	\$ 19,024	2042	\$ -
628	1985	Bridgeport Vertical Milling Machine	HOLD	\$ 3,750	\$ -	\$ 9,896	\$ 9,896	2043	\$ -
623	1993	MEC Scissor Lift	HOLD	\$ 3,950	\$ -	\$ 8,896	\$ 8,896	2044	\$ -
617	1997	Pace Trailer (Confined Space)	HOLD	\$ 29,687	\$ -	\$ 61,769	\$ 61,769	2045	\$ -
616	2001	Ingersol-Rand Trailer Air Compressor	HOLD	\$ 15,000	\$ -	\$ 28,833	\$ 28,833	2046	\$ -
618	2003	Miller Trailblazer Welding Machine (Crane Truck)	HOLD	\$ 6,823	\$ -	\$ 12,606	\$ 12,606	2047	\$ -
632	2006	Doosan/Daewoo Fork Lift	HOLD	\$ 27,200	\$ -	\$ 47,356	\$ 47,356	2048	\$ -
635	2007	Salt Dog Salt Spreader	HOLD	\$ 3,456	\$ -	\$ 5,899	\$ 5,899	2049	\$ -
638	2009	Bobcat Skid Steer Backhoe Attachment	HOLD	\$ 6,683	\$ -	\$ 10,964	\$ 10,964	2050	\$ -
641	2009	Bobcat Skid Steer Sweeper Attachment	HOLD	\$ 2,403	\$ -	\$ 3,943	\$ 3,943	2051	\$ -
629	2013	Knuth Metal Cutting Lathe	HOLD	\$ 10,595	\$ -	\$ 16,058	\$ 16,058	2052	\$ -
619	2017	Miller Spectrum Plasma Cutting Machine	HOLD	\$ 1,725	\$ -	\$ 2,415	\$ 2,415	2053	\$ -
645	2012	Transfer Flow Fuel Tanks (Unleaded/Diesel on 643)	HOLD	\$ 2,443	\$ -	\$ 3,777	\$ 3,777	2054	\$ -
620*	1993	Miller - Shopmaster 300 Welding Generator (TIG)	HOLD	\$ 2,300	\$ -	\$ 5,180	\$ 5,180	2055	\$ -
606*		New MIG Welder	HOLD		\$ -	\$ -	\$ -	2056	\$ -
615	2001	Mersino 4" Trailer Mounted Pump	HOLD	\$ 32,730	\$ -	\$ 62,915	\$ 62,915		\$ -
621	2003	Alladin Hot Water Pressure Washer	HOLD	\$ 7,359	\$ -	\$ 13,597	\$ 13,597		\$ -

CY2025

GLENBARD WASTEWATER AUTHORITY EQUIPMENT REPLACEMENT FUND

FUND 40		Actual CY23 Bdgt	Approved CY24 Bdgt	Estimated CY24 Bdgt	Budgeting CY25 Bdgt
5966	<b>Equipment Replacement Flow Split - Total = Half of the Whole</b>	<b>1,880,332</b>	<b>1,903,836</b>	<b>1,903,836</b>	<b>1,951,432</b>
	* Glen Ellyn Flow Split - 41.51%	756,081	778,669	778,669	810,039
	* Lombard Flow Split - 58.49%	1,124,250	1,125,167	1,125,167	1,141,392
	<b>Equipment Replacement Split in Equity - Total = Half of the Whole</b>	<b>1,880,332</b>	<b>1,903,836</b>	<b>1,903,836</b>	<b>1,951,432</b>
	Glen Ellyn Flow Split - 50%	940,166	951,918	951,918	975,716
	Lombard Flow Split - 50%	940,166	951,918	951,918	975,716
	<b>Total</b>	<b>3,760,663</b>	<b>3,807,671</b>	<b>3,807,671</b>	<b>3,902,863</b>

				Total Contributions	Percentage by Contribution
<b>Total Glen Ellyn Equipment Replacement Fund Contribution:</b>		<b>1,696,247</b>	<b>1,730,587</b>	<b>1,730,587</b>	<b>45.76%</b>
<b>Total Lombard Equipment Replacement Fund Contribution:</b>		<b>2,064,416</b>	<b>2,077,085</b>	<b>2,077,085</b>	<b>54.25%</b>

\* Indicates Current 5 Year Avg. Flow Split for CY2024

# Appendix



**Original Fund 27 & 28 FY1986 through FY1997**

Glenbard Wastewater Authority  
Equipment Replacement Fund

\* Fund 27 was defined as the Operation & Maintenance Account \* Fund 28 was defined as the Capital Account

Fiscal Year	Fund 27 Glenbard 84.6%		Total Budgeted Contribution	IFT Transfers to Fund 28	Glenbard Flowsplits	Fund 27 Stormwater 12%		Fund 27 NRI 2.1%		Total Budgeted Contribution	IFT Transfers to Fund 28	NRI Flowsplits	Fund 27 SRI 1.3%		Actual Contributions	Total to Fund 28	Fund 28 % Increase	Total Glen Ellyn	Total Lombard	Accumulated Funding
	Glen Ellyn	Lombard				Glen Ellyn	Lombard	Glen Ellyn	Lombard				Glen Ellyn	Lombard						
FY(1986)	\$ 28,027.13		\$ 28,027.13			\$ 3,975.48		\$ 238.00	\$ 458.00	\$ 696.00			\$ 430.68		\$ 33,129.29	0.00	0%	\$ 28,695.81	\$ 4,433.48	\$ -
FY(1987)	486,027.00		486,027.00			68,940.00		4,129.00	7,936.00	12,065.00			7,468.50		574,500.50	0.00	0%	497,624.50	76,876.00	-
FY(1988)	242,987.00	282,256.00	525,243.00	520,200.00		73,800.00	73,700.00	4,418.00	8,493.00	12,911.00	13,750.00		7,992.40	7,150.00	619,946.40	614,800.00	100%	255,397.40	364,549.00	614,800.00
FY(1989)	242,987.00	282,256.00	525,243.00	556,600.00		79,000.00	78,950.00	4,496.00	9,138.00	13,634.00	14,000.00		8,551.40	8,475.00	626,428.40	658,025.00	7%	256,034.40	370,394.00	1,272,825.00
FY(1990)	243,519.00	323,236.00	566,755.00	596,000.00	43.4/56.6	84,444.00	85,000.00	4,832.00	9,945.00	14,777.00	15,000.00	32.7/67.3	9,148.10	9,000.00	675,124.10	705,000.00	7%	257,499.10	417,625.00	1,977,825.00
FY(1991)	308,090.00	371,910.00	680,000.00	637,200.00	44/56	90,372.00	90,200.00	5,061.00	10,754.00	15,815.00	16,100.00	32/68	9,790.30	9,600.00	795,977.30	753,100.00	6%	322,941.30	473,036.00	2,730,925.00
FY(1992)	253,884.00	296,485.00	550,369.00	533,000.00	44/56	75,600.00	75,600.00	4,128.00	9,104.00	13,232.00	13,400.00	32/68	8,191.30	8,100.00	647,392.30	630,100.00	-20%	266,203.30	381,189.00	3,361,025.00
FY(1993)	256,274.00	268,331.00	524,605.00	560,192.00	45/55	79,500.00	79,400.00	4,380.00	9,524.00	13,904.00	14,000.00	32/68	8,607.20	8,500.00	626,616.20	662,092.00	5%	269,261.20	357,355.00	4,023,117.00
FY(1994)	265,659.00	341,029.00	606,688.00	588,000.00	45.2/54.8	83,400.00	83,400.00	4,736.00	9,859.00	14,595.00	14,700.00	32.5/67.6	9,035.00	8,900.00	713,718.00	695,000.00	5%	279,430.00	434,288.00	4,718,117.00
FY(1995)	243,431.00	348,656.00	592,087.00	617,600.00	46/54	87,600.00	87,600.00	5,212.00	10,118.00	15,330.00	15,500.00	34/66	9,490.00	9,300.00	704,507.00	730,000.00	5%	258,133.00	446,374.00	5,448,117.00
FY(1996)	256,157.00	335,727.00	591,884.00	648,500.00	44.5/55.5	92,000.00	92,000.00	5,312.00	10,785.00	16,097.00	16,200.00	33/67	9,964.50	9,800.00	709,945.50	766,500.00	5%	271,433.50	438,512.00	6,214,617.00
FY(1997)	278,157.00	369,235.00	647,392.00	681,000.00	42.92/57.08	96,600.00	96,200.00	5,692.00	11,213.00	16,905.00	17,100.00	31.21/68.79	10,465.00	9,800.00	771,362.00	804,100.00	5%	294,314.00	477,048.00	7,018,717.00
<b>TOTALS</b>	<b>\$ 3,105,199.13</b>	<b>\$ 3,219,121.00</b>	<b>\$ 6,324,320.13</b>	<b>\$ 5,938,292.00</b>		<b>\$ 915,231.48</b>	<b>\$ 842,050.00</b>	<b>\$ 52,634.00</b>	<b>\$ 107,327.00</b>	<b>\$ 159,961.00</b>	<b>\$ 149,750.00</b>		<b>\$ 99,134.38</b>	<b>\$ 88,625.00</b>	<b>\$ 7,498,646.99</b>	<b>\$ 7,018,717.00</b>		<b>\$ 3,256,967.51</b>	<b>\$ 4,241,679.48</b>	

**Original Fund 40 FY1998 through FY2010**

Fiscal Year	Glenbard 84.6%		Glenbard Flowsplits	Stormwater 12% Lombard	NRI 2.1%		NRI Flowsplits	SRI 1.3% Glen Ellyn	Actual Contributions	Percentage Increase	Total Glen Ellyn	Total Lombard	Accumulated Funding
	Glen Ellyn	Lombard			Glen Ellyn	Lombard							
FY(1998)	\$ 237,362.00	\$ 476,938.00	44.48/55.52	\$ 101,400.00	\$ 5,733.00	\$ 12,012.00	32.31/67.69	\$ 10,985.00	\$ 845,000.00	5%	\$ 254,080.00	\$ 590,350.00	\$ 7,863,717.00
FY(1999)	331,337.00	418,463.00	44.19/55.81	106,440.00	6,190.00	12,437.00	33.23/66.77	11,531.00	887,000.00	5%	\$ 349,058.00	\$ 537,340.00	\$ 8,750,717.00
FY(2000)	401,631.00	491,876.00	43.10/56.90	126,720.00	7,236.00	14,940.00	32.63/67.37	13,728.00	1,056,000.00	16%	\$ 422,595.00	\$ 633,536.00	\$ 9,806,717.00
FY(2001)	516,247.00	632,245.00	44.95/55.06	161,300.00	9,416.00	18,808.00	33.36/66.64	17,472.21	1,344,016.00	21%	\$ 543,135.21	\$ 812,353.00	\$ 11,150,733.00
FY(2002)	608,349.00	698,803.00	46.54/53.46	185,411.00	10,477.00	21,970.00	32.29/67.71	20,086.26	1,545,097.00	13%	\$ 638,912.26	\$ 906,184.00	\$ 12,695,830.00
FY(2003)	674,746.00	814,429.00	45.31/54.69	211,230.00	11,958.00	25,007.00	32.35/67.65	22,883.30	1,760,254.00	12%	\$ 709,587.30	\$ 1,050,666.00	\$ 14,456,084.00
FY(2004)	718,811.00	816,454.00	46.82/53.18	217,770.00	12,996.00	25,114.00	34.10/65.9	23,591.54	1,814,734.00	3%	\$ 755,398.54	\$ 1,059,338.00	\$ 16,270,818.00
FY(2005)	786,524.00	849,663.00	47.87/52.13	233,000.00	15,297.00	25,483.00	37.51/62.49	25,244.62	1,941,894.00	7%	\$ 827,065.62	\$ 1,108,146.00	\$ 18,212,712.00
FY(2006)	849,633.00	908,422.00	48.328/51.672	249,400.00	17,075.00	26,559.00	39.133/60.867	27,011.75	2,077,827.00	7%	\$ 893,719.75	\$ 1,184,381.00	\$ 20,290,539.00
FY(2007)	821,398.00	870,602.00	48.546/51.454	240,000.00	16,588.00	25,412.00	39.496/60.504	26,000.00	2,000,000.00	-4%	\$ 863,986.00	\$ 1,136,014.00	\$ 22,290,539.00
FY(2008)	729,051.00	762,949.00	48.864/51.136	216,000.00	15,033.00	22,767.00	32.769/60.231	23,400.00	1,800,000.00	-11%	\$ 767,484.00	\$ 1,001,716.00	\$ 24,090,539.00
FY(2009)	746,126.32	776,674.00	48.997/51.003	216,000.00	14,895.00	22,905.00	39.405/60.595	23,400.00	1,800,000.00	0%	\$ 784,421.32	\$ 1,015,579.00	\$ 25,890,539.00
FY(2010)	826,237.44	865,762.56	48.832/51.168	264,000.00	16,634.31	26,059.32	37.954/62.046	26,000.00	2,000,000.00	10%	\$ 868,871.75	\$ 1,155,821.88	\$ 27,890,539.00
<b>TOTALS</b>	<b>\$ 8,247,452.76</b>	<b>\$ 9,383,280.56</b>		<b>\$ 2,528,671.00</b>	<b>\$ 159,528.31</b>	<b>\$ 279,473.32</b>		<b>\$ 271,333.68</b>	<b>\$ 20,871,822.00</b>		<b>\$ 8,678,314.75</b>	<b>\$ 12,191,424.88</b>	

**Intermediate Capital Funding FY2011 through FY2013**

Fiscal Year	Division 40	Division 41	Fund 42	Fund 43	Fund 44	Fund 45	Fund 46	Fund 47	Actual Contributions	Percentage Increase	Total Glen Ellyn	Total Lombard	Accumulated Funding
	Glenbard Plant 66.7%	Stormwater Plant 12%	NRI 6.9%	SRI 3.1%	St. Charles Rd L.S 6.7%	Valley View L.S 2%	SRI L.S 2%	Sunnyside L.S .5%					
FY(2011)	1,467,400.00	264,000.00	151,800.00	68,200.00	147,400.00	45,100.00	45,100.00	11,000.00	2,200,000.00	9%	\$ 1,625,800.00	\$ 377,300.00	\$ 30,090,539.00
FY(2012)	1,467,400.00	264,000.00	151,800.00	68,200.00	147,400.00	45,100.00	45,100.00	11,000.00	2,200,000.00	0%	\$ 1,067,340	\$ 1,132,660	\$ 32,290,539.00
FY(2013)	1,600,800.00	288,000.00	165,600.00	74,400.00	160,800.00	49,200.00	49,200.00	12,000.00	2,400,000.00	8%	\$ 1,160,788	\$ 1,239,212	\$ 34,690,539.00
<b>TOTALS</b>	<b>\$ 3,068,200.00</b>	<b>\$ 552,000.00</b>	<b>\$ 317,400.00</b>	<b>\$ 142,600.00</b>	<b>\$ 308,200.00</b>	<b>\$ 94,300.00</b>	<b>\$ 94,300.00</b>	<b>\$ 23,000.00</b>	<b>\$ 4,600,000.00</b>		<b>\$ 2,228,127.76</b>	<b>\$ 2,371,872.24</b>	

**Fund 40 FY2014 through CY2045**

Fiscal Year	Glen Ellyn Split 50/50		Lombard Split 50/50	Split 1/2 Half of Actual	Glen Ellyn Split By Flow		Lombard Split By Flow	% Flow Split By Partner	1/2 Half of Actual	Actual Contributions	Percentage Increase	Total Glen Ellyn	Total Lombard	Accumulated Funding
	Glen Ellyn	Lombard			Glen Ellyn	Lombard								
FY(2014)	675,000.00	675,000.00	1,350,000.00	642,600.00	707,400.00	47.60 / 52.40	1,350,000.00		2,700,000.00	11%	\$ 1,317,600.00	\$ 1,382,400.00	\$ 37,390,539.00	
SY(2014)	490,050.00	490,050.00	980,100.00	459,666.90	520,433.10	46.90 / 53.10	980,100.00		1,960,200.00	-38%	\$ 949,716.90	\$ 1,010,483.10	\$ 39,350,739.00	
CY(2015)	816,750.00	816,750.00	1,633,500.00	766,111.50	867,388.50	46.90 / 53.10	1,633,500.00		3,267,000.00	40%	\$ 1,582,861.50	\$ 1,684,138.50	\$ 42,617,739.00	
CY(2016)	832,500.00	832,500.00	1,665,000.00	768,564.00	896,436.00	46.16 / 53.84	1,665,000.00		3,330,000.00	2%	\$ 1,601,064.00	\$ 1,728,936.00	\$ 45,947,739.00	
CY(2017)	850,000.00	850,000.00	1,700,000.00	769,250.00	930,750.00	45.25 / 54.75	1,700,000.00		3,400,000.00	2%	\$ 1,619,250.00	\$ 1,780,750.00	\$ 49,347,739.00	
CY(2018)	875,000.00	875,000.00	1,750,000.00	777,875.00	972,125.00	44.45 / 55.55	1,750,000.00		3,500,000.00	3%	\$ 1,652,875.00	\$ 1,847,125.00	\$ 52,847,739.00	
CY(2019)	883,750.00	883,750.00	1,767,500.00	752,248.00	1,015,252.00	42.56 / 57.44	1,767,500.00		3,535,000.00	1.0%	\$ 1,635,998.00	\$ 1,899,002.00	\$ 56,382,739.00	
CY(2020)	910,262.50	910,262.50	1,820,525.00	746,597.30	1,073,927.70	41.01/58.99	1,820,525.00		3,641,050.00	3.0%	\$ 1,656,859.80	\$ 1,984,190.20	\$ 60,023,789.00	
CY(2021)	919,365.13	919,365.13	1,838,730.25	745,605.12	1,093,125.13	40.55/59.45	1,838,730.25		3,677,460.50	1.0%	\$ 1,664,970.24	\$ 2,012,490.26	\$ 63,701,249.50	
CY(2022)	928,558.78	928,558.78	1,857,117.55	758,261.10	1,098,856.46	40.83/59.17	1,857,117.55		3,714,235.11	1.0%	\$ 1,686,819.87	\$ 2,027,415.23	\$ 67,415,484.61	
CY(2023)	940,165.76	940,165.76	1,880,331.52	756,081.30	1,124,250.22	40.21/59.79	1,880,331.52		3,760,663.04	1.25%	\$ 1,696,247.07	\$ 2,064,415.98	\$ 71,176,147.65	
CY(2024)	951,917.83	951,917.83	1,903,835.67	778,668.79	1,125,166.88	40.90/59.10	1,903,835.67		3,807,671.33	1.25%	\$ 1,730,586.62	\$ 2,077,084.71	\$ 74,983,818.98	
CY(2025)*	975,715.78	975,715.78	1,951,431.56	810,039.24	1,141,392.32	41.51/58.49	1,951,431.56		3,902,863.12	2.50%	\$ 1,785,755.02	\$ 2,117,108.10	\$ 78,886,682.10	
CY(2026)	1,000,108.67	1,000,108.67	2,000,217.35	800,086.94	1,200,130.41	40/60	2,000,217.35		4,000,434.69	2.50%	\$ 1,800,195.61	\$ 2,200,239.08	\$ 82,887,116.79	
CY(2027)	1,025,111.39	1,025,111.39	2,050,222.78	820,089.11	1,230,133.67	40/60	2,050,222.78		4,100,445.56	2.50%	\$ 1,845,200.50	\$ 2,255,245.06	\$ 86,987,562.35	
CY(2028)	1,050,739.17	1,050,739.17	2,101,478.35	840,591.34	1,260,887.01									

CY(2034)	1,160,173.08	1,160,173.08	2,320,346.15	928,138.46	1,392,207.69	40/60	2,320,346.15	4,640,692.31	1.25%	\$ 2,088,311.54	\$ 2,552,380.77	\$ 118,136,115.81
CY(2035)	1,174,675.24	1,174,675.24	2,349,350.48	939,740.19	1,409,610.29	40/60	2,349,350.48	4,698,700.96	1.25%	\$ 2,114,415.43	\$ 2,584,285.53	\$ 122,834,816.77
CY(2036)	1,189,358.68	1,189,358.68	2,378,717.36	951,486.94	1,427,230.42	40/60	2,378,717.36	4,757,434.72	1.25%	\$ 2,140,845.62	\$ 2,616,589.10	\$ 127,592,251.49
CY(2037)	1,204,225.66	1,204,225.66	2,408,451.33	963,380.53	1,445,070.80	40/60	2,408,451.33	4,816,902.66	1.25%	\$ 2,167,606.19	\$ 2,649,296.46	\$ 132,409,154.15
CY(2038)	1,219,278.48	1,219,278.48	2,438,556.97	975,422.79	1,463,134.18	40/60	2,438,556.97	4,877,113.94	1.25%	\$ 2,194,701.27	\$ 2,682,412.67	\$ 137,286,268.08
CY(2039)	1,234,519.47	1,234,519.47	2,469,038.93	987,615.57	1,481,423.36	40/60	2,469,038.93	4,938,077.86	1.25%	\$ 2,222,135.04	\$ 2,715,942.82	\$ 142,224,345.95
CY(2040)	1,249,950.96	1,249,950.96	2,499,901.92	999,960.77	1,499,941.15	40/60	2,499,901.92	4,999,803.84	1.25%	\$ 2,249,911.73	\$ 2,749,892.11	\$ 147,224,149.78
CY(2041)	1,265,575.35	1,265,575.35	2,531,150.69	1,012,460.28	1,518,690.42	40/60	2,531,150.69	5,062,301.38	1.25%	\$ 2,278,035.62	\$ 2,784,265.76	\$ 152,286,451.17
CY(2042)	1,281,395.04	1,281,395.04	2,562,790.08	1,025,116.03	1,537,674.05	40/60	2,562,790.08	5,125,580.15	1.25%	\$ 2,306,511.07	\$ 2,819,069.08	\$ 157,412,031.32
CY(2043)	1,297,412.48	1,297,412.48	2,594,824.95	1,037,929.98	1,556,894.97	40/60	2,594,824.95	5,189,649.90	1.25%	\$ 2,335,342.46	\$ 2,854,307.45	\$ 162,601,681.22
CY(2044)	1,313,630.13	1,313,630.13	2,627,260.26	1,050,904.11	1,576,356.16	40/60	2,627,260.26	5,254,520.53	1.25%	\$ 2,364,534.24	\$ 2,889,986.29	\$ 167,856,201.75
CY(2045)	1,330,050.51	1,330,050.51	2,660,101.02	1,064,040.41	1,596,060.61	40/60	2,660,101.02	5,320,202.03	1.25%	\$ 2,394,090.91	\$ 2,926,111.12	\$ 173,176,403.78
<b>TOTALS</b>	<b>\$ 11,049,035.77</b>	<b>\$ 11,049,035.77</b>		<b>\$ 10,331,655.19</b>	<b>\$ 13,766,633.71</b>			<b>\$ 65,223,742.05</b>		<b>\$ 67,773,910.12</b>	<b>\$ 82,790,388.66</b>	

\* Indicates Actual 5 Year Flow Split

### Comments Pertaining to the Historical Value of the Equipment Replacement Fund

- ~ As a condition of Grant funding, the United States Environmental Protection Agency required that an equipment replacement fund be established. The purpose of the replacement fund is to be sure adequate funds are in place to replace equipment and make improvements as they are needed.
- ~ The 1985 Fred P. Johnson and Associates study recommended that a seven percent (7%) Sinking Fund be set up for equipment replacement. That meant that the fund would grow by seven percent (7%) each year. The Johnson study projected the Sinking Fund through FY 1991.
- ~ In FY1986 the O&M Sinking Fund was established with contributions being made to Fund 27, Glenbard Wastewater Authority Operations and Maintenance Fund.
- ~ In 1988 a new Fund was created based off of the Johnson Study recommendations. This was Fund 28, Glenbard Wastewater Authority Capital Equipment Replacement Fund. Fund 27 was the depository for Fund 28 with Inter Fund Transfers (IFT's) being the vehicle to transfer needed funds into Fund 28. The Equipment Replacement Fund spreadsheet illustrates the deposits, transfers, splits and accumulations of the money.
- ~ In FY1992, after analyzing likely FY1992 - FY1997 equipment replacement needs, Glenbard Staff and the Executive Oversight Committee concluded that a five percent (5%) sinking fund will be adequate. It took four fiscal years between FY1992 and FY1996 to return to the contribution level of 1991. The Sinking Fund is shown as growing by five percent (5%) from FY1992 - FY1999.
- ~ A Facility Plan developed in FY(1998) caused the Glenbard Staff and the Executive Oversight Committee to commit to increasing the Sinking Fund to the Fred Johnson calculated values by FY2004.
- ~ The Sinking Fund was re-evaluated during the FY2007 budget discussions with Village Managers and Finance Directors when it was decided to no longer follow the recommended seven percent (7%) annual increase, but to evaluate the contribution on an annual basis. The Managers agreed to return to the seven percent (7%) annual increase in FY2008.
- ~ The Sinking Fund was again evaluated during budget planning for FY2008 when the decision by Village Managers and Finance Directors moved the Authority away from dedicated annual contributions, but to evaluate the contribution annually. At this time Village Managers and Finance Directors agreed to reduce the annual contribution to the Sinking Fund. It took three fiscal years between FY2008 and FY2010 to return to the contribution level of FY2007.
- ~ FY2011 was the first year that the EOC agreed to change the budget format without an executed IGA. The change to the percentages regarding how the Regional Treatment System was constructed did nothing more than devalue the Glenbard Plant to create arbitrary funds and increase value in others.
- ~ FY 2013 is the third year the budget has been formatted without a supporting IGA. Both Village presidents agreed at the December 2011 EOC meeting that this would be the last budget formatted without a supporting IGA. If an agreeable funding mechanism cannot be achieved by November 2012 the budget will revert back to the 1998 IGA supporting the FY10 budget format.
- ~ Beginning with the FY2013 Facility Plan the Capital Equipment Replacement Fund shall be funded with a mandatory ten percent (10%) increase from fiscal year to fiscal year through the 10 year plan as agreed to by the EOC. The increase to the Fund for FY2014 is actually eleven percent (11%). With this figure the period between FY2000 & FY2014 averages seven percent (7%) contribution.
- ~ FY2014 The Capital Equipment Replacement Fund 40 is utilizing a unique revenue split approved by both partners. The revenue split shall divide the agreed contribution in half, of which the first half shall be split 50% between partners. The second half of the agreed contribution will be split by the flow utilized to calculate the partners payments. A single Capital Fund (40) shall be used to expense all projects with the approval of the Executive Oversight Committee.
- ~ SY2014, contribution which was originally the FY2015 contribution was scheduled to be \$2,970,000 based on a 12 month fiscal year. With the change to a calendar year format FY2015 was modified to a Stub Year (SY) due to the 8 month budget. The scheduled contribution for capital improvements for FY2015 of \$2,970,000 was reduced by 33% or 829,800 for a total contribution of \$1,960,200. This is shown as a 38% reduction on the schedule above. The following year CY2015 the contribution continues as scheduled indicating a \$1,306,800 or 40% increase over SY2014.
- ~ CY2016 The Capital Equipment Replacement Fund 40 continues utilizing the unique revenue split approved by both partners. The revenue split shall divide the agreed contribution in half, of which the first half shall be split 50% between partners. The second half of the agreed contribution will be split by the flow utilized to calculate the partners payments. A single Capital Fund (40) shall be used to expense all projects with the approval of the Executive Oversight Committee.
- ~ CY2019 Proposed 1% increase has been requested
- ~ CY2023 Proposed 1.25% increase has been requested

**Glenbard Wastewater Authority**  
**Summary of Projected Future Debt Service Payments**  
**As of January 1, 2025**

	<b>Digester Project</b>	<b>Facility Improvements Project</b>	<b>Biosolids Dewatering Improvements</b>	<b>Primary Clarifier Bond</b>	<b>Total Debt Service</b>
CY25*	318,501	1,020,863	122,854	630,323	2,092,541
CY26		1,020,863	122,854	482,734	1,626,451
CY27		1,020,863	122,854	482,734	1,626,451
CY28		1,020,863	122,854	482,234	1,625,951
CY29		1,020,863	122,854	481,234	1,624,951
CY30		1,020,863	122,854	484,609	1,628,326
CY31		1,020,863	122,854	482,359	1,626,076
CY32		1,020,863	122,854	479,609	1,623,326
CY33		1,020,863	122,854	481,234	1,624,951
CY34		1,020,863	122,854	482,109	1,625,826
CY35		1,020,863	122,854	482,234	1,625,951
CY36		1,020,863	122,854	481,609	1,625,326
CY37		1,020,863	122,854	480,234	1,623,951
CY38		1,020,863	122,854	478,109	1,621,826
CY39		1,020,863	122,854	480,109	1,623,826
CY40			122,854	481,109	603,963
CY41			122,854	478,259	601,113
CY42				481,659	481,659
CY43				479,359	479,359
CY44				481,071	481,071
CY45					0
CY46					0
CY47					0
CY48					0
CY49					0
CY50					0
CY51					0
CY52					0
CY53					0
CY54					0
CY55					0
	<b>318,501</b>	<b>15,312,950</b>	<b>2,088,518</b>		<b>29,709,354</b>

**Budget CY2021  
Anaerobic Digester  
Loan # L17-287400**

**IEPA Loan - Payback Schedule  
Interest Rate: 2.5%**

**Total Value of Loan (Principal + Interest): \$9,242,026.30**

<u>Fiscal Year</u>	<u>Due Date</u>	<u>Beginning Balance</u>	<u>Principal Payment</u>	<u>Interest Payment</u>	<u>Interest Rate %</u>	<u>Total Payment</u>	<u>Ending Balance</u>
FY 2011	7/29/2010	\$7,167,105.82	\$179,436.51	\$81,035.93	2.50	\$260,472.44	\$6,987,669.31
	1/29/2011	\$6,987,669.31	\$181,679.47	\$78,792.97	2.50	\$260,472.44	\$6,805,989.84
FY 2012	7/29/2011	\$6,805,989.84	\$183,950.46	\$76,521.98	2.50	\$260,472.44	\$6,622,039.38
	1/29/2012	\$6,622,039.38	\$207,577.05	\$82,721.72	2.50	\$290,298.77	\$6,414,462.33
FY 2013	7/29/2012	\$6,575,454.33	\$210,171.76	\$80,127.01	2.50	\$290,298.77	\$6,365,282.57
	1/29/2013	\$6,365,282.57	\$218,352.18	\$79,522.32	2.50	\$297,874.50	\$6,146,930.39
FY 2014	7/29/2013	\$6,146,930.39	\$221,081.58	\$76,792.92	2.50	\$297,874.50	\$5,925,848.81
	1/29/2014	\$5,925,848.81	\$223,845.10	\$74,029.40	2.50	\$297,874.50	\$5,702,003.71
SY 2014	7/29/2014	\$6,077,402.76	\$226,643.16	\$71,231.34	2.50	\$297,874.50	\$5,850,759.60
CY 2015	1/29/2015	\$5,850,759.60	\$245,366.14	\$73,134.50	2.50	\$318,500.64	\$5,605,393.46
	7/29/2015	\$5,605,393.46	\$248,433.22	\$70,067.42	2.50	\$318,500.64	\$5,356,960.24
CY 2016	1/29/2016	\$5,356,960.24	\$251,538.64	\$66,962.00	2.50	\$318,500.64	\$5,105,421.60
	7/29/2016	\$5,105,421.60	\$254,682.87	\$63,817.77	2.50	\$318,500.64	\$4,850,738.73
CY 2017	1/29/2017	\$4,850,738.73	\$257,866.41	\$60,634.23	2.50	\$318,500.64	\$4,592,872.32
	7/29/2017	\$4,592,872.32	\$261,089.74	\$57,410.90	2.50	\$318,500.64	\$4,331,782.58
CY 2018	1/29/2018	\$4,331,782.58	\$264,353.36	\$54,147.28	2.50	\$318,500.64	\$4,067,429.22
	7/29/2018	\$4,067,429.22	\$267,657.77	\$50,842.87	2.50	\$318,500.64	\$3,799,771.45
CY 2019	1/29/2019	\$3,799,771.45	\$271,003.50	\$47,497.14	2.50	\$318,500.64	\$3,528,767.95
	7/29/2019	\$3,528,767.95	\$274,391.04	\$44,109.60	2.50	\$318,500.64	\$3,254,376.91
CY 2020	1/29/2020	\$3,254,376.91	\$277,820.93	\$40,679.71	2.50	\$318,500.64	\$2,976,555.98
	7/29/2020	\$2,976,555.98	\$281,293.69	\$37,206.95	2.50	\$318,500.64	\$2,695,262.29
CY 2021	1/29/2021	\$2,695,262.29	\$284,809.86	\$33,690.78	2.50	\$318,500.64	\$2,410,452.43
	7/29/2021	\$2,410,452.43	\$288,369.98	\$30,130.66	2.50	\$318,500.64	\$2,122,082.45
CY 2022	1/29/2022	\$2,122,082.45	\$291,974.61	\$26,526.03	2.50	\$318,500.64	\$1,830,107.84
	7/29/2022	\$1,830,107.84	\$295,624.29	\$22,876.35	2.50	\$318,500.64	\$1,534,483.55
CY 2023	1/29/2023	\$1,534,483.55	\$299,319.60	\$19,181.04	2.50	\$318,500.64	\$1,235,163.95
	7/29/2023	\$1,235,163.95	\$303,061.09	\$15,439.55	2.50	\$318,500.64	\$932,102.86
CY 2024	1/29/2024	\$932,102.86	\$306,849.35	\$11,651.29	2.50	\$318,500.64	\$625,253.51
	7/29/2024	\$625,253.51	\$310,684.97	\$7,815.67	2.50	\$318,500.64	\$314,568.54
CY 2025*	1/29/2025	\$314,568.54	\$314,568.54	\$3,932.10	2.50	\$318,500.64	\$0.00
<b>Totals</b>			<b>\$7,703,496.87</b>	<b>\$1,538,529.43</b>		<b>\$9,242,026.30</b>	

The EOC awarded an Anaerobic Digester Engineering Services Contract on August 10, 2005, for the Anaerobic Digester Improvement Project. This projected payback schedule is included to cover the required funding.

**State of Illinois - Environmental Protection Agency  
Clean Water SRF Loan Repayment Schedule (1.75% Interest Rate)  
Facility Improvements Project**

<b>Ref</b>	<b>Due Date</b>	<b>Principal</b>	<b>Interest</b>	<b>Total Payment</b>	<b>Ending</b>
1	4/10/2020	\$0.00	\$476,627.06	\$476,627.06	\$15,272,106.38
2	10/10/2020	\$325,551.73	\$138,343.28	\$463,895.01	\$15,518,246.04
3	4/10/2021	\$346,005.79	\$139,356.17	\$485,361.96	\$15,172,240.25
4	10/10/2021	\$349,033.34	\$132,757.10	\$481,790.44	15,7 04,409.14
5	4/10/2022	\$373,018.09	\$139,019.06	\$512,037.15	\$15,331,391.05
6	10/10/2022	\$376,282.00	\$134,149.67	\$510,431.67	\$14,955,109.05
7	4/10/2023	\$379,574.47	\$130,857.20	\$510,431.67	14,575 ,534.58
8	10/10/2023	\$382,895.74	\$127,535.93	\$510,431.67	\$14,192,638.84
9	4/10/2024	\$386,246.08	\$124,185.59	\$510,431.67	\$13,806,392.76
10	10/10/2024	\$389,625.73	\$120,805.94	\$510,431.67	\$13,416,767.03
11*	4/10/2025	\$393,034.96	\$117,396.71	\$510,431.67	\$13,023,732.07
12*	10/10/2025	\$396,474.01	\$113,957.66	\$510,431.67	\$12,627,258.06
13	4/10/2026	\$399,943.16	\$110,488.51	\$510,431.67	\$12,227,314.90
14	10/10/2026	\$403,442.66	10 6,989.01	\$510,431.67	11,823,8 72.24
15	4/10/2027	\$406,972.79	\$103,458.88	\$510,431.67	\$11,416,899.45
16	10/10/2027	410 ,533.80	\$99,897.87	\$510,431.67	11,006 ,365.65
17	4/10/2028	\$414,125.97	\$96,305.70	\$510,431.67	\$10,592,239.68
18	10/10/2028	\$417,749.57	\$92,682.10	\$510,431.67	\$10,174,490.11
19	4/10/2029	\$421,404.88	\$89,026.79	\$510,431.67	\$9,753,085.23
20	10/10/2029	\$425,092.17	\$85,339.50	\$510,431.67	\$9,327,993.06
21	4/10/2030	\$428,811.73	\$81,619.94	\$510,431.67	\$8,899,181.33
22	10/10 /2030	432,563.!\3	\$77,867.84	\$510,431.67	8,466,617 .50
23	4/10/2031	\$436,348.77	\$74,082.90	\$510,431.67	\$8,030,268.73
24	10/10/2031	\$440,166.82	\$70,264.85	\$510,431.67	\$7,590,101.91
25	4/10/2032	\$444,018.28	\$66,413.39	\$510,431.67	\$7,146,083.63
26	10/10/2032	\$447,903.44	\$62,528.23	\$510,431.67	\$6,698,180.19
27	4/10/2033	\$451,822.59	\$58,609.08	\$510,431.67	\$6,246,357.60
28	10/10/2033	\$455,776.04	\$54,655.63	\$510,431.67	\$5,790,581.56
29	4/10/2034	\$459,764.08	\$50,667.59	\$510,431.67	\$5,330,817.48
30	10 /10/2034	\$463,787.02	\$46,644.65	\$510,431.67	\$4,867,030.46
31	4/10/2035	\$467,845.15	\$42,586.52	\$510,431.67	\$4,399,185.31
32	10/10/2035	4 71,938.80	\$38,492.87	\$510,431.67	\$3,927,246.51
33	4/10/2036	\$476,068.26	\$34,363.41	\$510,431.67	\$3,451,178.25
34	10/10/2036	\$480,233.86	\$30,197.81	\$510,431.67	\$2,970,944.39
35	4/10/2037	\$484,435.91	\$25,995.76	\$510,431.67	\$2,486,508.48
36	10/10/2037	\$488,674.72	\$21,756.95	\$510,431.67	\$1,997,833.76
37	4/10/2038	\$492,950.62	\$17,481.05	\$510,431.67	\$1,504,883.14
38	10/10/2038	\$497,263.94	\$13,167.73	\$510,431.67	\$1,007,619.20
39	4/10/2039	\$501,615.00	\$8,816.67	\$510,431.67	\$506,004.20
40	10/10/2039	\$506,004.20	\$4,427.47	\$510,431.67	\$0.00

**State of Illinois - Environmental Protection Agency**  
**Clean Water SRF Loan Repayment Schedule (1.35% Interest Rate)**  
**Biosolids Dewatering Improvements Project**

<b>Ref</b>	<b>Due Date</b>	<b>Principal</b>	<b>Interest</b>	<b>Total Payment</b>	<b>Ending</b>
1	10/22/2022	\$11,182.55	\$4,930.81	\$16,113.36	\$2,052,834.93
2	4/22/2023	\$47,570.64	\$13,856.64	\$61,427.28	\$2,005,264.29
3	10/22/2023	\$47,891.75	\$13,535.53	\$61,427.28	\$1,957,372.54
4	4/22/2024	\$48,215.02	\$13,212.26	\$61,427.28	\$1,909,157.52
5	10/22/2024	\$48,540.47	\$12,886.81	\$61,427.28	\$1,860,617.05
6*	4/22/2025	\$48,868.11	\$12,559.17	\$61,427.28	\$1,811,748.94
7*	10/10/2025	\$49,197.97	\$12,229.31	\$61,427.28	\$1,762,550.97
8	4/22/2026	\$49,530.06	\$11,897.22	\$61,427.28	\$1,713,020.91
9	10/22/2026	\$49,864.39	\$11,562.89	\$61,427.28	\$1,663,156.52
10	4/22/2027	\$50,200.97	\$11,126.31	\$61,327.28	\$1,612,955.55
11	10/22/2027	\$50,539.83	\$10,877.45	\$61,417.28	\$1,562,415.72
12	4/10/2028	\$50,880.97	\$10,546.34	\$61,427.31	\$1,511,534.75
13	10/22/2028	\$51,224.42	\$10,202.86	\$61,427.28	\$1,460,310.33
14	4/22/2029	\$51,570.19	\$9,857.09	\$61,427.28	\$1,408,740.14
15	10/22/2029	\$51,918.28	\$9,509.00	\$61,427.28	\$1,356,821.86
16	4/22/2030	\$52,268.73	\$9,158.55	\$61,427.28	\$1,304,553.13
17	10/22/2030	\$52,621.55	\$8,805.73	\$61,427.28	\$1,251,931.58
18	4/22/2031	\$52,976.74	\$8,450.54	\$61,427.28	\$1,198,954.84
19	10/22/2031	\$53,334.33	\$8,092.95	\$61,427.28	\$1,145,620.51
20	4/22/2032	\$53,694.34	\$7,732.94	\$61,427.28	\$1,091,926.17
21	10/22/2032	\$54,056.78	\$7,370.50	\$61,427.28	\$1,037,869.39
22	4/22/2033	\$54,421.66	\$7,005.62	\$61,427.28	\$983,447.73
23	10/22/2033	\$54,789.01	\$6,638.27	\$61,427.28	\$928,658.72
24	4/22/2034	\$55,158.83	\$6,268.45	\$61,427.28	\$873,499.89
25	10/22/2034	\$55,531.16	\$5,896.12	\$61,427.28	\$817,968.73
26	4/22/2035	\$55,905.99	\$5,521.29	\$61,427.28	\$762,062.74
27	10/22/2035	\$56,283.36	\$5,143.92	\$61,427.28	\$705,779.38
28	4/22/2036	\$56,663.27	\$4,764.01	\$61,427.28	\$649,116.11
29	10/22/2036	\$57,045.75	\$4,381.53	\$61,427.28	\$592,070.36
30	4/22/1937	\$57,430.81	\$3,996.47	\$61,427.28	\$534,639.55
31	10/22/2037	\$57,818.46	\$3,608.82	\$61,427.28	\$476,821.09
32	4/22/2038	\$58,208.74	\$3,218.54	\$61,427.28	\$418,612.35
33	10/22/2037	\$58,601.65	\$2,825.63	\$61,427.28	\$360,010.70

34	4/22/2039	\$58,997.21	\$2,430.07	\$61,427.28	\$301,013.49
35	10/22/2039	\$59,395.44	\$2,031.84	\$61,427.28	\$241,618.05
36	4/22/2040	\$59,796.36	\$1,630.92	\$61,427.28	\$181,821.69
37	10/22/2040	\$60,199.98	\$1,227.30	\$61,427.28	\$121,621.71
38	4/22/2041	\$60,606.33	\$820.95	\$61,427.28	\$61,015.38
39	10/22/2041	\$61,015.38	\$0.00	\$61,015.38	\$0.00
40	10/10/2039			\$0.00	

**Village of Glen Ellyn, IL**  
**General Obligation Bonds, Series 2024**  
**Purchaser: Hilltop Securities**  
**\*\*\*Revised Final Pricing \*\*\***

<b>Period Ending</b>	<b>Principal</b>	<b>Coupon</b>	<b>Interest</b>	<b>Other</b>	<b>Debt Service</b>	<b>Annual Debt Service</b>
06/13/2024						
01/01/2025	315,000	5.000%	163,226.25	11,584.04	489,810.29	489,810.29
07/01/2025			140,512.50		140,512.50	
01/01/2026	195,000	5.000%	140,512.50	11,584.04	347,096.54	487,609.04
07/01/2026			135,637.50		135,637.50	
01/01/2027	205,000	5.000%	135,637.50	11,584.04	352,221.54	487,859.04
07/01/2027			130,512.50		130,512.50	
01/01/2028	215,000	5.000%	130,512.50	11,584.04	357,096.54	487,609.04
07/01/2028			125,137.50		125,137.50	
01/01/2029	225,000	5.000%	125,137.50	11,584.04	361,721.54	486,859.04
07/01/2029			119,512.50		119,512.50	
01/01/2030	240,000	5.000%	119,512.50	11,584.04	371,096.54	490,609.04
07/01/2030			113,512.50		113,512.50	
01/01/2031	250,000	5.000%	113,512.50	11,584.04	375,096.54	488,609.04
07/01/2031			107,262.50		107,262.50	
01/01/2032	260,000	5.000%	107,262.50	11,584.04	378,846.54	486,109.04
07/01/2032			100,762.50		100,762.50	
01/01/2033	275,000	5.000%	100,762.50	11,584.04	387,346.54	488,109.04
07/01/2033			93,887.50		93,887.50	
01/01/2034	290,000	5.000%	93,887.50	11,584.04	395,471.54	489,359.04
07/01/2034			86,637.50		86,637.50	
01/01/2035	305,000	5.000%	86,637.50	11,584.04	403,221.54	489,859.04
07/01/2035			79,012.50		79,012.50	
01/01/2036	320,000	5.000%	79,012.50	11,584.04	410,596.54	489,609.04
07/01/2036			71,012.50		71,012.50	
01/01/2037	335,000	5.000%	71,012.50	11,584.04	417,596.54	488,609.04
07/01/2037			62,637.50		62,637.50	
01/01/2038	350,000	5.000%	62,637.50	11,584.04	424,221.54	486,859.04
07/01/2038			53,887.50		53,887.50	
01/01/2039	370,000	5.000%	53,887.50	11,584.04	435,471.54	489,359.04
07/01/2039			44,637.50		44,637.50	
01/01/2040	390,000	5.000%	44,637.50	11,584.04	446,221.54	490,859.04
07/01/2040			34,887.50		34,887.50	
01/01/2041	405,000	4.000%	34,887.50	11,584.04	451,471.54	486,359.04
07/01/2041			26,787.50		26,787.50	
01/01/2042	425,000	4.000%	26,787.50	11,584.04	463,371.54	490,159.04
07/01/2042			18,287.50		18,287.50	
01/01/2043	440,000	4.000%	18,287.50	11,584.04	469,871.54	488,159.04
07/01/2043			9,487.50		9,487.50	
01/01/2044	460,000	4.125%	9,487.50	11,583.97	481,071.47	490,558.97
	6,270,000.00		3,271,251.25	231,680.73	9,772,931.98	9,772,931.98



**Calendar Year 2025  
Position Classification**

<b>ADMINISTRATION</b>	<b>Salary Range</b>	<b>CY 21</b>	<b>CY 22</b>	<b>CY 23</b>	<b>CY 24</b>	<b>CY 25</b>
Executive Director	U	1	1	1	1	1
Assistant Executive Director	Q	1	1	1	1	1
Enviromental Resources Coordinator	I	1	1	1	1	1
Seasonal FTE = .25	D	1	2	2	2	2
Executive Assistant	H	0	0	1	1	1
<b>FT Employee Totals</b>		<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>
<b>PT Employee Totals</b>		<b>1</b>	<b>0</b>	<b>0.5</b>	<b>0.5</b>	<b>0.5</b>
<b>FTE Totals</b>		<b>4.25</b>	<b>4.5</b>	<b>4.5</b>	<b>4.5</b>	<b>4.5</b>
<b>Operations</b>						
Operations Superintendent	O	1	1	1	1	1
Lead Operator	K	N/A	N/A	1	1	1
Plant Operator I	I	3	1	0	0	0
Plant Operator II	H	0	0	0	0	0
Plant Operator III	G	0	0	0	2	2
Plant Operator IV	F	1	3	2	1	1
Operator-in-Training	E	0	0	1	0	0
Operator PT - FTE = 0.2	E	5	5	5	5	5
Laboratory Services Coordinator	K	1	1	1	1	1
Wastewater Laboratory Technician	I	0	0	0	0	0
PT Laborer - FTE = .50	D	1	1	1	1	1
<b>FT Employee Totals</b>		<b>6</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>6</b>
<b>PT Employee Totals</b>		<b>6</b>	<b>6</b>	<b>6</b>	<b>1.5</b>	<b>1.5</b>
<b>FTE Totals</b>		<b>7.5</b>	<b>7.5</b>	<b>7.5</b>	<b>7.5</b>	<b>7.5</b>
<b>MECHANICAL MAINTENANCE</b>						
Mechanical Maintenance Superintendent	O	1	1	1	1	1
Maintenance Mechanic I	I	1	1	1	1	2
Maintenance Mechanic II	G	1	1	2	1	1
Maintenance Mechanic III	F	1	1	0	1	1
<b>FT Employee Totals</b>		<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>5</b>
<b>PT Employee Totals</b>		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>FTE Totals</b>		<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>5</b>
<b>ELECTRICAL MAINTENANCE</b>						
Electrical Superintendent	O	1	1	1	1	1
Electronic Technician	J	1	1	1	1	1
Plant Electrician	J	1	1	1	1	1
<b>FT Employee Totals</b>		<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>
<b>PT Employee Totals</b>		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>FTE Totals</b>		<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>
<b>TOTAL OF ALL CATEGORIES</b>						
Total Full Time Employees		17	17	17	17	18
Total PT/Seasonal Employees		7	6.5	6.5	2	2
Total Full Time Equivalent (FTE)		18.75	19	19	19	20

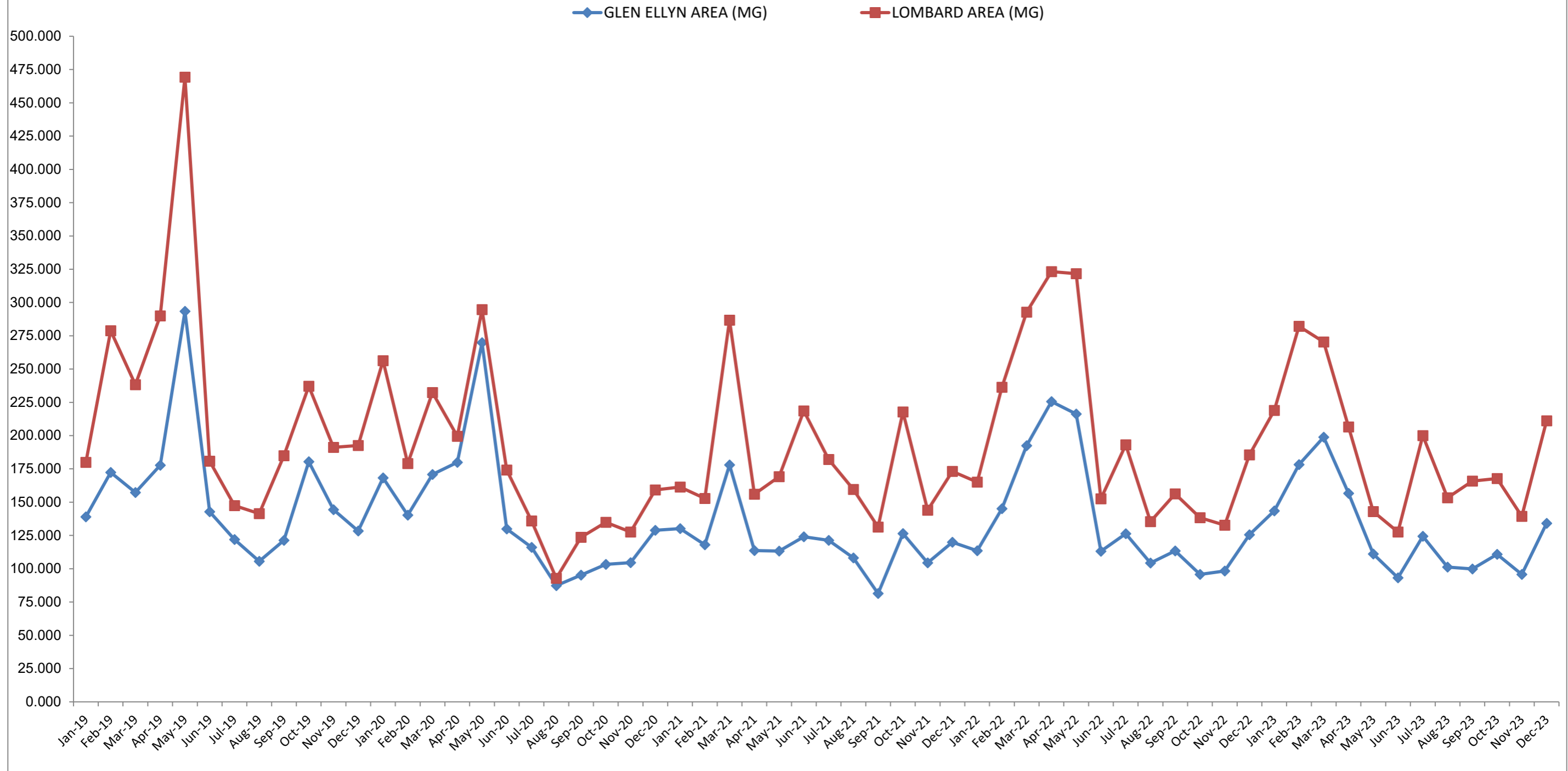
Glenbard Wastewater Authority  
Salary Schedule - January 1, 2025 through December 31, 2025

Range	Annualized			Hourly		
	Min	Mid	Max	Min	Mid	Max
CY24 Salary Schedule Adjustment = 3.4% Increase to Salary Ranges from CY24						
Salary schedule is draft version subject to Final CY2025 Village of Glen Ellyn Budget Approval						
A	\$45,707	\$54,849	\$63,990	\$22.7218	\$27.2662	\$31.8105
B	\$47,971	\$57,566	\$67,159	\$23.8472	\$28.6167	\$33.3861
C	\$50,406	\$60,487	\$70,568	\$25.0576	\$30.0692	\$35.0807
D	\$52,884	\$63,461	\$74,038	\$26.2893	\$31.5472	\$36.8051
E	\$55,574	\$66,690	\$77,804	\$27.6271	\$33.1525	\$38.6780
F	\$58,372	\$70,047	\$81,722	\$29.0181	\$34.8217	\$40.6253
G	\$61,299	\$73,559	\$85,819	\$30.4727	\$36.5672	\$42.6617
H	\$64,375	\$77,249	\$90,124	\$32.0015	\$38.4019	\$44.8022
I	\$67,600	\$81,119	\$94,640	\$33.6049	\$40.3258	\$47.0468
J	\$70,931	\$85,118	\$99,304	\$35.2612	\$42.3135	\$49.3657
K	\$74,520	\$89,423	\$104,327	\$37.0450	\$44.4540	\$51.8629
L	\$78,237	\$93,883	\$109,531	\$38.8925	\$46.6709	\$54.4494
M	\$82,102	\$98,523	\$114,943	\$40.8143	\$48.9771	\$57.1400
N	\$86,203	\$103,443	\$120,684	\$42.8528	\$51.4234	\$59.9940
O	\$90,667	\$108,801	\$126,934	\$45.0719	\$54.0862	\$63.1007
P	\$95,152	\$114,183	\$133,213	\$47.3016	\$56.7619	\$66.2222
Q	\$99,808	\$119,770	\$139,732	\$49.6162	\$59.5395	\$69.4627
R	\$104,913	\$125,896	\$146,879	\$52.1539	\$62.5847	\$73.0154
S	\$110,146	\$132,175	\$154,205	\$54.7552	\$65.7063	\$76.6573
T	\$115,592	\$138,711	\$161,829	\$57.4628	\$68.9552	\$80.4478
U	\$115,592	\$138,711	\$161,829	\$60.3719	\$72.4463	\$80.4478
V	\$127,425	\$152,910	\$178,395	\$63.3449	\$76.0139	\$88.6829

**TABLE 1. TOTAL WASTEWATER FLOWS AND PERCENTAGES FOR CY2025 BUDGET**

	MONTH	TOTAL FLOW MILLION GALS (MG)	GLEN ELLYN FLOW (MG)	PERCENT OF TOTAL	LOMBARD FLOW (MG)	PERCENT OF TOTAL
Y e a r  O n e	Jan-19	318.896	138.933	43.57%	179.963	56.43%
	Feb-19	451.171	172.314	38.19%	278.857	61.81%
	Mar-19	395.588	157.321	39.77%	238.267	60.23%
	Apr-19	467.686	177.686	37.99%	290.000	62.01%
	May-19	762.655	293.351	38.46%	469.304	61.54%
	Jun-19	323.629	142.766	44.11%	180.863	55.89%
	Jul-19	269.388	121.928	45.26%	147.460	54.74%
	Aug-19	247.046	105.654	42.77%	141.392	57.23%
	Sep-19	306.237	121.314	39.61%	184.923	60.39%
	Oct-19	417.528	180.472	43.22%	237.056	56.78%
	Nov-19	335.586	144.345	43.01%	191.241	56.99%
	Dec-19	320.896	128.362	40.00%	192.534	60.00%
Y e a r  T w o	Jan-20	424.596	168.315	39.64%	256.281	60.36%
	Feb-20	319.328	140.284	43.93%	179.044	56.07%
	Mar-20	403.218	170.790	42.36%	232.428	57.64%
	Apr-20	379.428	179.917	47.42%	199.511	52.58%
	May-20	564.516	269.806	47.79%	294.710	52.21%
	Jun-20	304.067	129.924	42.73%	174.143	57.27%
	Jul-20	251.938	116.077	46.07%	135.861	53.93%
	Aug-20	180.173	87.324	48.47%	92.849	51.53%
	Sep-20	218.823	95.204	43.51%	123.619	56.49%
	Oct-20	238.231	103.307	43.36%	134.924	56.64%
	Nov-20	232.185	104.535	45.02%	127.650	54.98%
	Dec-20	288.187	128.939	44.74%	159.248	55.26%
Y e a r  T h r e e	Jan-21	291.478	130.097	44.63%	161.381	55.37%
	Feb-21	270.933	118.070	43.58%	152.863	56.42%
	Mar-21	464.632	177.941	38.30%	286.691	61.70%
	Apr-21	269.610	113.646	42.15%	155.964	57.85%
	May-21	282.372	113.224	40.10%	169.148	59.90%
	Jun-21	342.575	123.978	36.19%	218.597	63.81%
	Jul-21	303.476	121.355	39.99%	182.121	60.01%
	Aug-21	267.744	108.183	40.41%	159.561	59.59%
	Sep-21	212.671	81.360	38.26%	131.311	61.74%
	Oct-21	344.196	126.452	36.74%	217.744	63.26%
	Nov-21	248.441	104.420	42.03%	144.021	57.97%
	Dec-21	293.108	119.972	40.93%	173.136	59.07%
Y e a r  F o u r	Jan-22	278.662	113.542	40.75%	165.120	59.25%
	Feb-22	381.380	145.074	38.04%	236.306	61.96%
	Mar-22	485.094	192.400	39.66%	292.694	60.34%
	Apr-22	548.888	225.633	41.11%	323.255	58.89%
	May-22	537.910	216.234	40.20%	321.676	59.80%
	Jun-22	265.705	113.170	42.59%	152.535	57.41%
	Jul-22	319.326	126.267	39.54%	193.059	60.46%
	Aug-22	239.691	104.337	43.53%	135.354	56.47%
	Sep-22	269.738	113.431	42.05%	156.307	57.95%
	Oct-22	234.091	95.787	40.92%	138.304	59.08%
	Nov-22	231.022	98.295	42.55%	132.727	57.45%
	Dec-22	311.054	125.560	40.37%	185.494	59.63%
Y e a r  F i v e	Jan-23	362.313	143.422	39.59%	218.891	60.41%
	Feb-23	460.295	178.206	38.72%	282.089	61.28%
	Mar-23	469.200	198.845	42.38%	270.355	57.62%
	Apr-23	363.238	156.669	43.13%	206.569	56.87%
	May-23	253.971	111.070	43.73%	142.901	56.27%
	Jun-23	220.788	93.147	42.19%	127.641	57.81%
	Jul-23	324.372	124.351	38.34%	200.021	61.66%
	Aug-23	254.535	101.216	39.77%	153.319	60.23%
	Sep-23	265.743	99.846	37.57%	165.897	62.43%
	Oct-23	278.592	110.842	39.79%	167.750	60.21%
	Nov-23	235.024	95.692	40.72%	139.332	59.28%
	Dec-23	345.180	134.069	38.84%	211.111	61.16%
<b>AVERAGE</b>		<b>332.467</b>	<b>137.245</b>	<b>41.51%</b>	<b>195.223</b>	<b>58.49%</b>

# AVERAGED WASTEWATER FLOWS UTILIZED FOR BUDGET



**SECTION 9**

**DISCUSSION**

# **SECTION 9.1**

## **SOLAR DISCUSSION**

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**MEMORANDUM**

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**TO:** Executive Oversight Committee

**FROM:** Matt Streicher, P.E. BCEE, Executive Director

**DATE:** September 12, 2024

**RE:** Solar Development Discussion

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After extensive discussion that was held at the September 12, 2024 Executive Oversight Committee (EOC) Meeting (as seen in section 5.1 of the packet, meeting minutes), the EOC directed the Authority to meet with the Technical Advisory Committee (TAC) and the Village's Finance directors to further evaluate funding options.

It was found that since the Authority would be realizing incentives from the selling of Solar Renewable Energy Credits (SRECs) and the inflation reduction act, it would not be eligible for any other grant or incentive programs. The only other alternative to receiving funding from the Villages would be to seek outside financing such as a loan or bond.

During the September 26<sup>th</sup> meeting between the TAC and the Finance Directors, several internal funding options were presented. It had previously been determined that the EOC did not feel the Villages should loan the amount to cover the entirety of the project, therefore, that option was not discussed any further. The Authority was able to demonstrate that by deferring projects to better accommodate cash on hand values from year to year, the Authority was able to cover approximately \$4.5M out of the total \$6.0M project cost, meaning the Authority would only need to "borrow" \$1.5M from the Villages. Also, due to the incentive structure, the Villages would be able to be refunded the entire \$1.5M during Year 1 of an operational solar field, meaning it would be a very short-term loan. In order for the Authority to fully fund the project up front it would require deferments of projects, equipment, and other offsets that would not be feasible.

Village Finance Directors felt that presenting an option of borrowing only \$1.5M from the Village's (roughly at a 60%/40% split between the Villages) would be much more palatable, especially since due to federal tax credits and sales of SRECs would result in the money being paid back during the first year of operation. However, other questions arose to ensure that the predicted return on the solar investment is as accurate as possible. Specifically, a second opinion was advised to be sought out, as well as inquiring with other agencies as to their experiences.

Currently, the Authority is seeking proposals for a second opinion to evaluate the solar development proposal that it would be seeking to move forward with. The Authority also inquired with four other agencies in Illinois that have installed solar fields on their sites, three of

which are specific to wastewater treatment plants; the City of Galena, City of Carbondale, Fox Metro Water Reclamation District (WRD), and the City of Sesser (non-wastewater specific). The City of Carbondale and City of Sesser's projects were constructed under the same solar consultant the Authority is currently using, with the City of Galena and Fox Metro WRD having different consultants.

All responses came back overwhelmingly positive, with some sites reporting generation rates being close to 50% higher than what was predicted in models. The oldest field close to 12 years old and is located at the City of Galena's Wastewater Treatment Facility. None of the facilities surveyed experienced solar panel degradation rates greater than what was anticipated during the procurement of the panels.

In addition, the Authority used solar generation calculators that were available at no cost, and found that its consultants predicted generation rates were conservative comparatively to what was being found using the available calculators.

Another analysis requested by the TAC and Finance Directors was what the return on investment would be if the panels only generated only 90% of the predicted production, as well as what level of production would result in the panels not paying themselves off after the anticipated 25-year life. After performing the calculations, if the panels were to only yield 90% of the anticipated production levels, it would lower the return on investment to 9 years from the anticipated 7 years. If the panels only produced 80% of the predicted energy, it would lower the return down to 12 years, and at a 60% reduction the panels would lose any returns.

It's also worth noting that a number of other wastewater treatment agencies are engaged in contracts to move forward with solar development; the Fox River Water Reclamation District (Elgin), the Kishwaukee Water Reclamation District (DeKalb), the Urbana-Champaign Sanitary District, the Greater Peoria Sanitary District, and the Wheaton Sanitary District are some of the other agencies that have presented case studies within the Illinois Association of Wastewater Agencies.

If a second opinion validates the material proposed to the Authority, and the Finance Directors agree on an appropriate method to fund the project, the Authority would recommend to seek a motion from the EOC to begin negotiating a construction contract with GRP Wegman giving the Authority authorization a not to exceed amount of \$6,200,000. The actual proposal that was received by the Authority was a slightly lower amount, however there are unknown costs relating to ComEd interconnection fees and other permitting that cannot be realized until permit applications begin.



Specifics	
System Size DC:	2320 kW
1st Yr System Production:	3,108,881 kWh
Current Annual Usage:	5,861,697 kWh
Offset %:	53%
Solar O&M Costs Included in Projections	

Cost	
Gross Cost:	\$6,115,619
SREC:	\$2,117,385 Cash
Federal ITC:	\$2,397,900 Tax
Depreciation:	\$0 Tax
Utility Incentive:	\$580,000 Cash
Net Cost:	\$1,020,334

Savings	
Projected Supply Rate:	\$0.05362 kWh
System LCOE:	\$0.01393 kWh
1st Yr System Production:	3,108,881 kWh
1st Yr Savings Estimate:	\$136,698
25 Yr System Production:	73,232,661 kWh
25 Yr Savings Estimate:	\$4,044,242

Incentive Type	Notes
SREC- Solar Renewable Energy Credit	SREC's are the renewable attribute that is tied to a solar project. They can be sold for cash to companies or utilities that need to achieve certain green initiatives/goals.
Federal ITC - Investment Tax Credit	Federal tax credit -available to reduce a company's tax burden
Asset Depreciation	Federal and State Tax Incentive that can be used to reduce a companies tax burden
Utility Incentive	Ameren utility incentive called the Smart Inverter Rebate, paid to you by the utility



	<u>Project Cost</u>	<u>SRECs</u>	<u>SREC Collateral</u>	<u>ABP Fee</u>	<u>Utility Incentive</u>	<u>Electric Bill Savings</u>	<u>Solar O&amp;M Budget</u>	<u>Fed Tax Credit</u>	<u>Federal Depreciation</u>	<u>State Depreciation</u>	<u>Total Cash Flow</u>	<u>Cumulative Cash Flow</u>
<u>Upfront</u>	\$ (5,994,750)		\$ (105,869)	\$ (15,000)							\$ (6,115,619)	\$ (6,115,619)
<u>Year 1</u>	\$	317,608			\$ 580,000	\$166,698.22	-\$30,000.00	\$ 2,397,900			\$ 3,432,206	\$ (2,683,413)
<u>Year 2</u>	\$	299,963				\$169,182.03	-\$30,600.00				\$ 438,545	\$ (2,244,868)
<u>Year 3</u>	\$	299,963				\$171,702.84	-\$31,212.00				\$ 440,454	\$ (1,804,415)
<u>Year 4</u>	\$	299,963				\$174,261.21	-\$31,836.24				\$ 442,388	\$ (1,362,027)
<u>Year 5</u>	\$	299,963				\$176,857.70	-\$32,472.96				\$ 444,348	\$ (917,679)
<u>Year 6</u>	\$	299,963				\$179,492.88	-\$33,122.42				\$ 446,333	\$ (471,346)
<u>Year 7</u>	\$	299,963				\$182,167.33	-\$33,784.87				\$ 448,345	\$ (23,000)
<u>Year 8</u>						\$184,881.62	-\$34,460.57				\$ 150,421	\$ 127,421
<u>Year 9</u>						\$187,636.36	-\$35,149.78				\$ 152,487	\$ 279,907
<u>Year 10</u>						\$190,432.14	-\$35,852.78				\$ 154,579	\$ 434,487
<u>Year 11</u>						\$193,269.58	-\$36,569.83				\$ 156,700	\$ 591,186
<u>Year 12</u>						\$196,149.30	-\$37,301.23				\$ 158,848	\$ 750,035
<u>Year 13</u>						\$199,071.92	-\$38,047.25				\$ 161,025	\$ 911,059
<u>Year 14</u>						\$202,038.09	-\$38,808.20				\$ 163,230	\$ 1,074,289
<u>Year 15</u>			\$ 105,869			\$205,048.46	-\$39,584.36				\$ 271,333	\$ 1,345,622
<u>Year 16</u>						\$208,103.68	-\$40,376.05				\$ 167,728	\$ 1,513,350
<u>Year 17</u>						\$211,204.43	-\$41,183.57				\$ 170,021	\$ 1,683,371
<u>Year 18</u>						\$214,351.37	-\$42,007.24				\$ 172,344	\$ 1,855,715
<u>Year 19</u>						\$217,545.21	-\$42,847.39				\$ 174,698	\$ 2,030,413
<u>Year 20</u>						\$220,786.63	-\$43,704.34				\$ 177,082	\$ 2,207,495
<u>Year 21</u>						\$224,076.35	-\$44,578.42				\$ 179,498	\$ 2,386,993
<u>Year 22</u>						\$227,415.09	-\$45,469.99				\$ 181,945	\$ 2,568,938
<u>Year 23</u>						\$230,803.57	-\$46,379.39				\$ 184,424	\$ 2,753,362
<u>Year 24</u>						\$234,242.55	-\$47,306.98				\$ 186,936	\$ 2,940,298
<u>Year 25</u>						\$237,732.76	-\$48,253.12				\$ 189,480	\$ 3,129,778
<u>Totals</u>		\$ 2,117,385	\$ -		\$ 580,000	\$ 5,005,151		\$ 2,397,900	\$ -	\$ -		

**Inputs**

<u>Upfront Cost</u>	\$ (6,115,619)
<u>SREC Total</u>	\$ 2,117,385
<u>Year 1 Bill Savings</u>	\$ 166,698
<u>Fed Tax Credit</u>	40%

**Financials**

<u>Gross Cost</u>	\$ 6,115,619
<u>SRECs</u>	\$ 2,117,385
<u>Federal Tax Credit</u>	\$ 2,397,900
<u>Depreciation</u>	\$ -
<u>Utility Incentive</u>	\$ 580,000
<u>Net Cost</u>	\$ 1,020,334

**Assumptions**

<u>Federal Tax Rate</u>	24%
<u>State Tax Rate</u>	5%

**Inflation**

<u>Annual Utility Rate</u>	2%
<u>Annual O&amp;M Cost</u>	2%