

#GLENBARD WASTEWATER AUTHORITY

Executive Oversight Committee

Agenda

June 16, 2025

8:00 a.m.

945 Bemis Road

Glen Ellyn, IL

1. Call to Order
2. Pledge of Allegiance
3. Roll Call
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 months of April and May of 2025 in the amount of \$1,569,053.94 (Trustee Christiansen).

5.1 Executive Oversight Committee Meeting Minutes:

April 10, 2025 EOC Meeting

5.2 Vouchers Previously Reviewed:

April and May 2025 – Trustee Christiansen

5.3 Request for Authorization to Purchase Gas Scrubbing Media from Unison Solutions in the Amount of \$30,720

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

The Authority also recommends to waive public bidding based on section "C.1.f Standardization Purchases," as Unison Solutions is the manufacture of the gas conditioning system, and therefore, for optimal performance it is recommended to continue using the Unison Solution media.

In the 2025 GWA budget, staff allocated \$100,000 for the purchase of this media in budget category Plant Equipment Rehabilitation account 40-580150. The

budget amount was taking into account at least two purchases of the hydrogen sulfide media (similar to current request), and one purchase of the siloxane media.

The Authority requests approval to waive public bidding based on section “C.1.f Standardization Purchases,” and authorize approval to purchase CHP media from Unison Solutions in the amount of \$30,720. This has been discussed with the TAC, and all are in agreement with the recommendation.

5.4 Request for Authorization to purchase a 2025 Ford Escape Hybrid from National Auto Fleet Group for \$39,959.59

The Authority has identified the replacement of Unit 642, a 2010 Dodge Caravan with 55,578 miles, as part of its ongoing vehicle replacement plan. As the vehicle is now 15 years old and approaching the end of its service life, replacement is both timely and aligned with the Authority’s operational and sustainability goals. The Authority has obtained pricing from National Auto Fleet Group, an approved Sourcewell consortium partner, for the purchase of a 2025 Ford Escape Hybrid Due to Sourcewell being a qualified cooperative purchasing program, ***the Authority is requesting to waive a competitive bidding process per section C.1.d of Glen Ellyn’s purchasing policy, and authorize the purchase of one (1) 2025 Ford Escape Hybrid from National Auto Fleet Group per Quote #39598 in the amount of \$39,959.59.*** Funding for this purchase is available in the CY2025 Approved Budget, Fund 40-570155 (Rolling Stock – Vehicles), which allocated \$66,554 for this replacement.

6. Facility Plan Presentation

Per the Intergovernmental Agreement that the Authority was formed by, “Every five (5) years, the Authority shall conduct a review of the capital plan; said review shall be performed by an outside consultant and be known as the facilities plan. The result shall be used as the basis for updating the Authority’s ten (10) year capital plan.” In CY2024, the Authority sent a request for proposals to complete a new Facility Plan, and after a competitive process, the EOC authorized selecting two of the Authority’s shortlisted firms that had teamed up, Baxter & Woodman and Carollo Engineers.

For two main reasons, the RFP was structured differently than past years: (1) the 2019 Facility Plan was detailed and in-depth, and having been performed only five years ago, the majority of the Plan is still valid and applicable, and (2) the expected Phosphorus regulations on the Authority’s future permits warrant a closer look into the potential treatment options available to meet these regulations. Those new treatment processes will require significant reconstruction and upgrades to the Authority’s main facility, and this Facility Plan will serve as a roadmap to allow the Authority to plan and prepare for those significant changes.

After just over yearlong study, the final Facility Plan report was completed, with the Executive Summary being included in this agenda packet. Representatives from Baxter

& Woodman will be in attendance to present on key findings of the study, and potential action items to move forward with.

7. Request for Authorization to Approve the Maintenance Contract with Nissen Energies for Combined Heat and Power Engine's 20,000 Service Interval in the amount of \$124,516.74

With the installation of the Combined Heat and Power (CHP) System in 2016, the Authority has anticipated and budgeted for various service intervals on the engines and generators based on the number of hours they have been operating. One of the major service intervals is the 20,000-hour interval, which CHP #1 has now reached. Although most of the maintenance on the CHP system is performed in house, due to the larger scope and need for specific equipment, this work will be outsourced to the manufacturer of the CHP system

Due to the proprietary nature of the CHP system, the Authority is formally requesting competitive bidding to be waived based on Section C.1.f of the Village of Glen Ellyn's purchasing policy which waives competitive bidding for "Standardization purchases, defined as technical nature of certain items or services may result in the standardization of a particular supplier's specifications being necessary or desirable to Village operations. Competitive bidding may be waived if the Village requires compatibility with existing software, machinery, or other existing equipment." The manufacturer of the CHP system, Nissen Energy, will be utilized to assist with the work. This approach was discussed and agreed upon by the TAC.

Due to staffing vacancies and transitions while the CY2025 budget was being put together, this cost was overlooked, and not properly budgeted for. However, currently, the Authority has unbudgeted revenue of nearly \$100,000 for the selling the renewable energy credits, is trending to earn \$50,000 or more than what was budgeted for fats oils and grease tripping fees, along with other miscellaneous revenue, and therefore, the Capital budget has sufficient funds to prevent this unbudgeted cost from making negative impacts. Funds will be sourced from budget line item 40-580180. The Technical Advisory Committee has also evaluated this approach and proposal.

The Authority recommends the EOC authorize the Authority to approve the contract with Nissen Energy in the amount of \$124,516.74 for the CHP 20,000 service interval. The funds will be taken from Fund 40-580180.

8. Retroactive approval for Authorization to Waive Competitive Bidding and Approve a Maintenance Contract with Hidrostal, LLC, for the repair of the "Low Flow" raw influent pump in the amount not to exceed \$36,740.10

The Authority's Maintenance team along with assistance from Electrical and Operations staff found one of the two "Low Flow" Main Raw Sewage Pumps that are manufactured by Hidrostal North America to have a bearing knock issue and overheating. The Hidrostal service technician was called to verify this, and after being unable to the correct issue on site, the technician recommended the pump needed to be sent to Hidrostal service shop

for repairs and inspection. After inspection, the report confirmed the issue of an overheated pump due to seal wear that allowed the cooling oil to be contaminated and ineffective. The seal wear was confirmed from normal use and vibration, and no fault of the Authority.

Hidrostal is the sole vendor and manufacturer of the parts for this pump, and efforts to find aftermarket service were unsuccessful due to Hidrostal's proprietary patents. The Village of Glen Ellyn's approved purchasing policy defines Single source purchases as material or services that are available from only one vendor but are deemed necessary to Village operations may be exempt from bidding requirements. This pump is vital to daily operations and used as a main raw sewage pump to maintain flow through the plant from the wet well and to begin the treatment process. The other Hidrostal low flow pump of same manufacturer and specifications is currently the only pump available, and as such the Authority is currently without redundancy for main raw sewage pumping until this can be repaired. Due to the lack of redundancy and need to get this pump back as soon as possible, emergency approval in a not to exceed amount of \$36,740.10 was given by Village Manager Franz on June 2, 2025. Due to the pumps being relatively new still, the Authority negotiated with Hidrostal to lower the cost of the repairs, as this type of failure should not be occurring so soon. After the emergency approval was given in the not to exceed amount of \$36,740.10, the cost of the repairs was lowered to \$24,912.98. In addition, Hidrostal agreed to perform extensive investigations as to why this failure occurred.

Therefore, the Authority is requesting retroactive Authorization to Waive Competitive Bidding and Approve a Maintenance Contract with Hidrostal, LLC, for the repair of the "Low Flow" raw influent pump in the amount not to exceed \$36,740.10. This is proposed to be sourced from the approved CY2025 Plant Equipment Rehabilitation Budget, where other items that were included in CY2025 have come under budget, leaving adequate funds for this repair.

9. Discussion

9.1 Electric Supply Procurement For CY2026 – CY2029

After approved was given to seek procurement of a new electric supply contract at the January 9, 2025 EOC meeting, on May 22nd, 2025 the Authority locked in a new fixed rate of \$0.05943/kWh for three years beginning in February 2026 with Freepoint Energy. The existing \$0.03958/kWh rate that has been in place since February 2022 with Direct Energy was locked in during historical lows. Unfortunately, this new rate is about 50% higher than the existing rate, and the Authority is estimating that this could increase the Operations and Maintenance budget by nearly \$225,000. Although the Authority has historically locked in four-year engagements for electric supply, locking in the three year this cycle saved approximately \$0.006/kWh, saving the Authority an estimated \$70,000 a year in energy supply costs.

9.2 Regularly Scheduled Executive Oversight Committee Meetings Dates and Times

9.3 New Staff Introductions

9.3.1 Daniella Martínez

Daniella Martínez joins GWA as the new Environmental Resources Coordinator. She has a 13-year industry background in wastewater and laboratory as well as an academic background in chemistry. Her interests include activities such as baking, cooking, and gardening, she enjoys applying her scientific knowledge to her culinary and horticultural pursuits. Outside of her individual interests, she enjoys spending quality time with her family and friends.

9.3.2 Ray Ismail

Rayiad Ismail has been with the Authority since late 2023 in the Part-Time Laborer position and was recently promoted to a Full Time Operator-in-Training. We look forward to continuing to work with Ray and developing his Operations skills.

9.3.3 Ethan Wolski

Ethan Wolski filled the last vacant Plant Operator position, starting with the Authority on June 10th. Ethan's title is Plant Operator-in-Training, and comes to the Authority after having previous roles with the City of Des Plains Public Works Department and the Village of Deerfield Wastewater Treatment Facility.

9.3.4 Corey Artos

Corey Artos is starting with the Authority on June 16th as a Maintenance Mechanic III. Corey comes to us after having most recently working with Dreisilker Motors out of Glen Ellyn, as well as, several other mechanical positions prior to that.

10. Other Business

10.1 Technical Advisory Committee Updates

10.2 New Carbon/ Renewable Natural Gas Grant

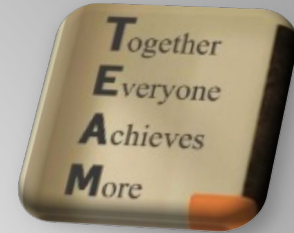
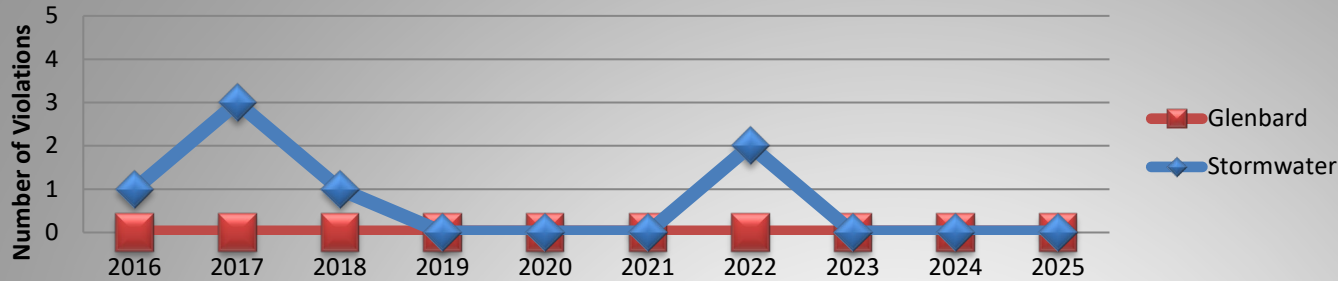
In January 2025, the Executive Oversight Committee approved of the Authority entering into a Memorandum of understanding pertaining to a potential collaboration with NewCarbon on the development of a renewable natural gas project. New Carbon is a third party turn key provider, and the purpose of memorandum of understanding (MOU) was to obtain information from the Authority (and the other agencies in the consortium) to be able to apply for grants to determine the feasibility of constructing the renewable natural gas facilities at each agency. The Authority recently learned that Governor JB Pritzker and the

Illinois Department of Commerce and Economic Opportunity (DCEO) have selected NewCarbon to receive funding to advance the development of renewable natural gas (RNG) projects at three wastewater treatment plants (WWTPs) in DuPage County; DuPage County Public Works, Wheaton Sanitary District, and the Glenbard Wastewater Authority. Enclosed in the packet is the official press release from NewCarbon, which also contains a link to the Governor's press release.

10.3 Other Business

11. ***Next EOC Meeting*** – The next regularly scheduled EOC Meeting date and time to be set during the June 16, 2025 meeting.

NPDES Permit Violations



Glenbard Plant: *Current Record

4,499 Days February 4, 2013 through May 31, 2025

Previous excursion free operating record:

1058 Days September 8, 2007 – April 10, 2010

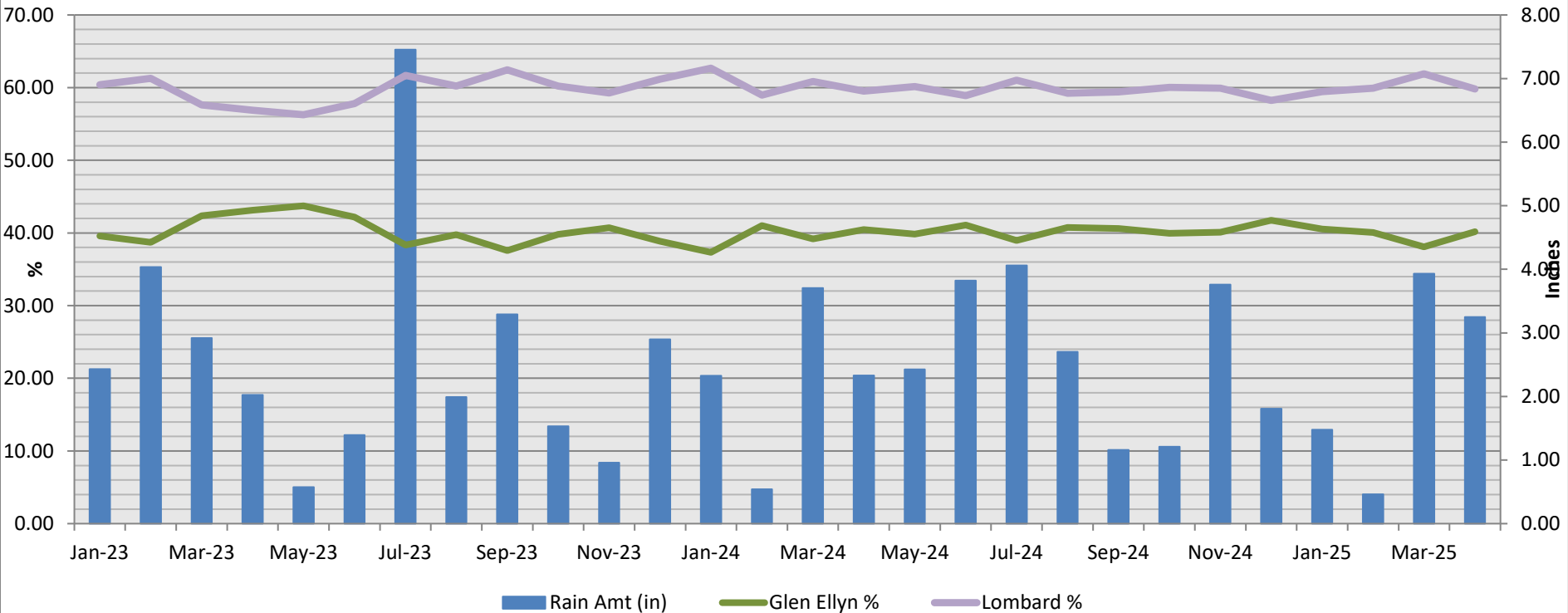
Stormwater Facility:

993 Days September 11, 2022 through May 31, 2025

Previous excursion free operating record:

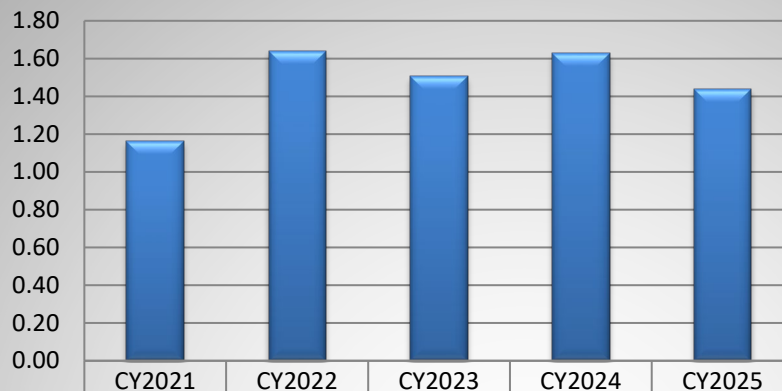
1143 Days July 11, 2009 through August 27, 2012

Flow Billing Comparison



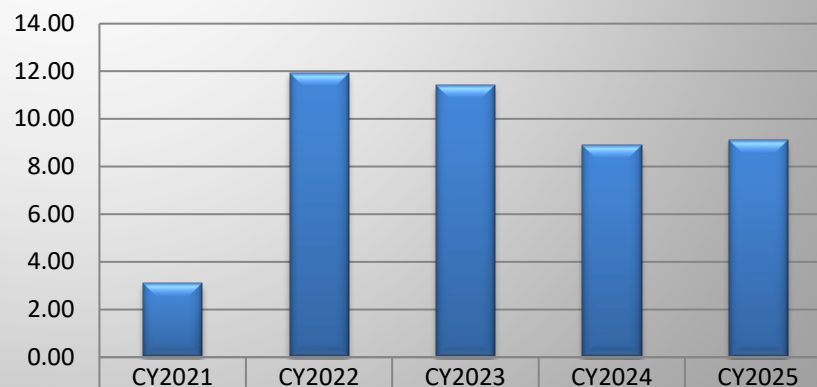


Billion Gallons Treated Per Year as of April 30, 2025



■ Billion Gallons Treated Per Year
as of April 30, 2025

Total Rainfall in Inches as of April 30, 2025

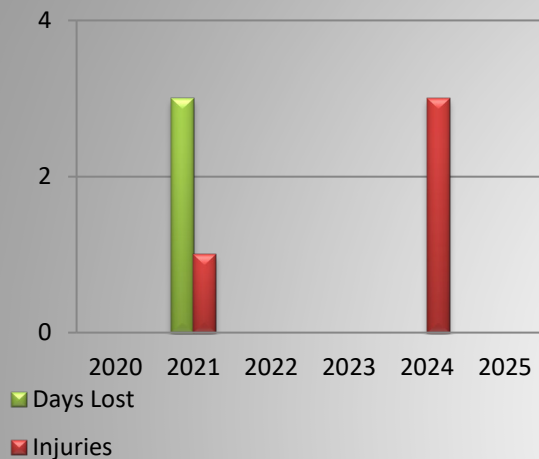


■ Total Rainfall in Inches as of
April 30, 2025

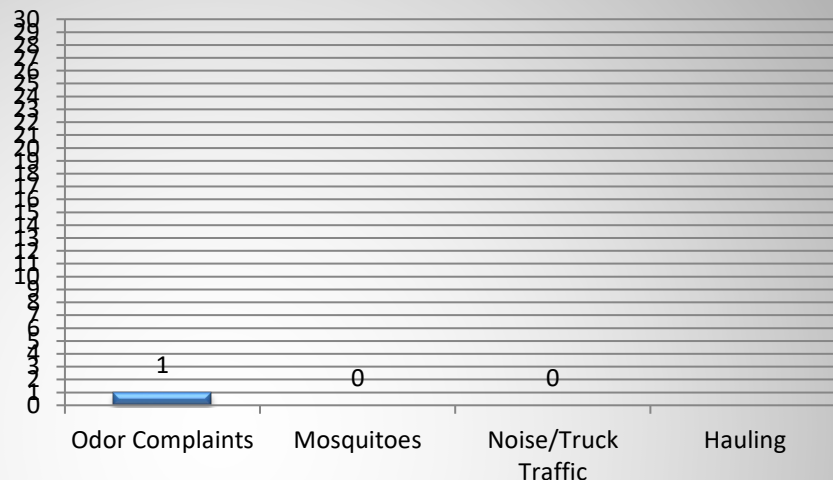


The Authority Key Performance Indicators Regarding Safety and Neighborhood Impacts

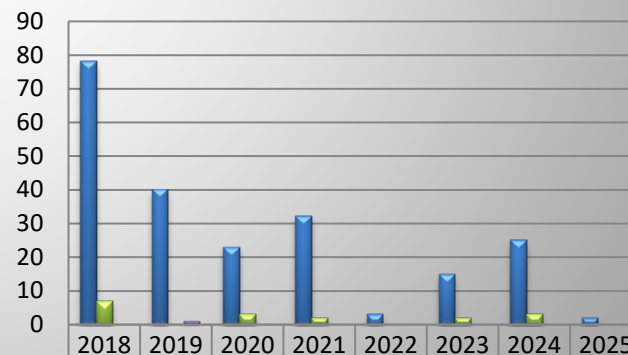
Injuries + Lost Time



April - May 2025 Complaints



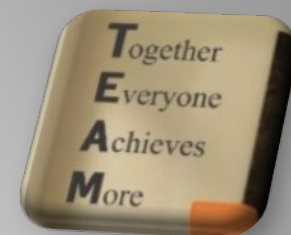
Annual Complaint Comparison



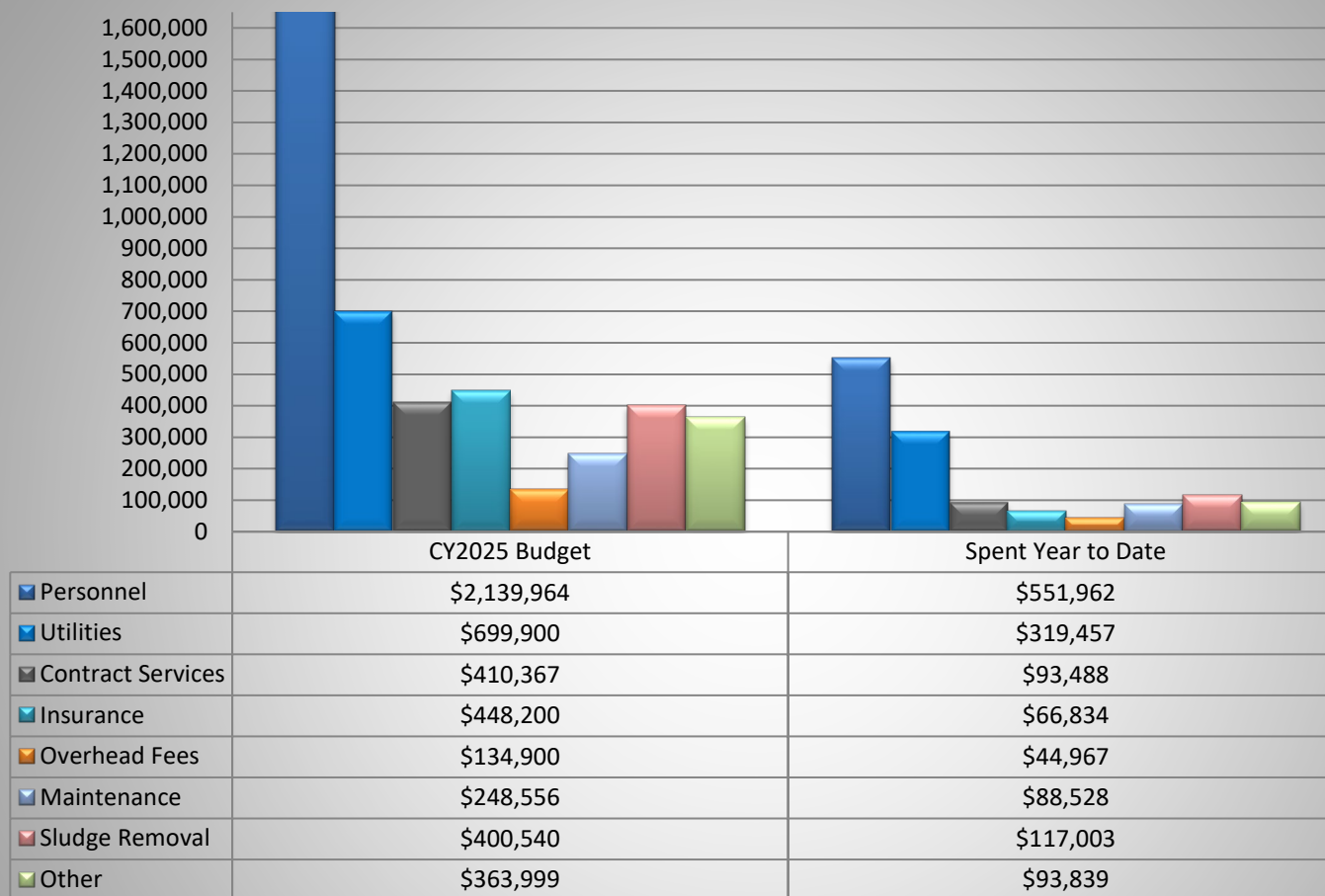
Year	2020	2021	2022	2023	2024	2025
Injuries	0	1	0	0	3	0
Days Lost	0	3	0	0	0	0



	2018	2019	2020	2021	2022	2023	2024	2025
Odor Complaints	78	40	23	32	3	15	25	2
Noise/Truck Traffic	7	0	3	2	0	2	3	0
Hauling	0	1	0	0	0	0	0	0



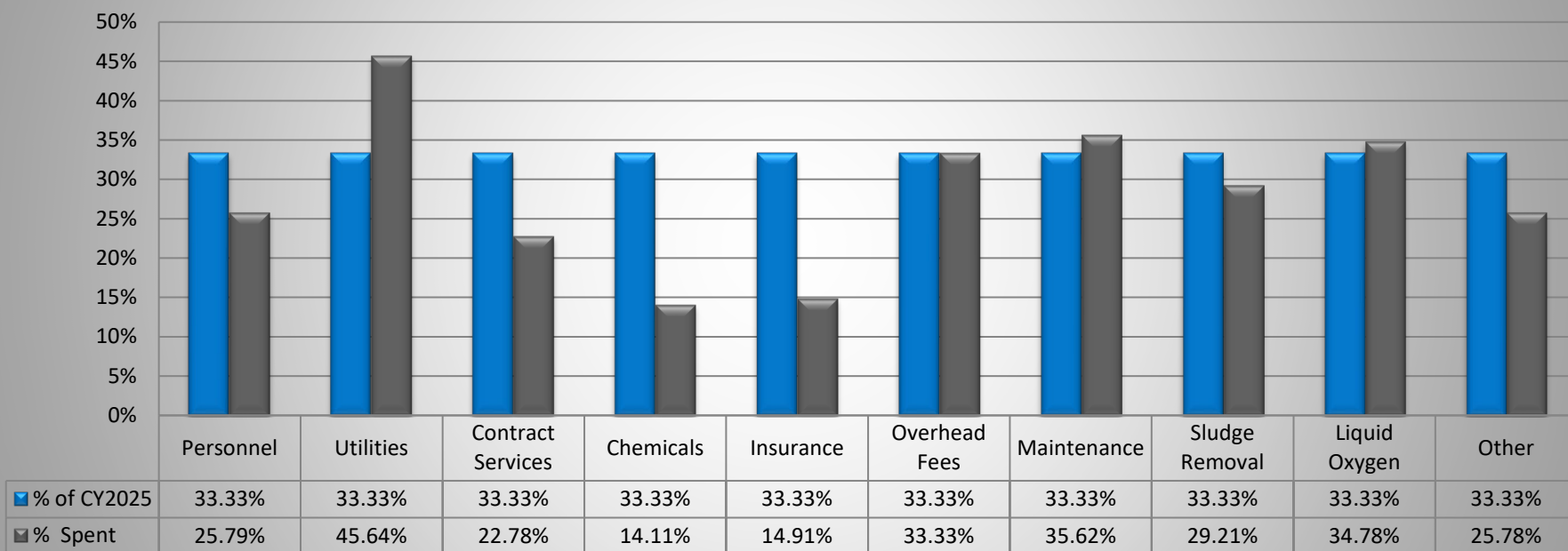
April 2025 O&M Expense \$ Reporting



	Personnel	Utilities	Contract Services	Chemicals	Insurance	Overhead Fees	Maintenance	Sludge Removal	Liquid Oxygen	Other
CY2025 Budget	\$2,139,964	\$699,900	\$410,367	\$289,000	\$448,200	\$134,900	\$248,556	\$400,540	\$377,000	\$363,999
Spent Year to Date	\$551,962	\$319,457	\$93,488	\$40,776	\$66,834	\$44,967	\$88,528	\$117,003	\$131,138	\$93,839
% of CY2025	33.33%	33.33%	33.33%	33.33%	33.33%	33.33%	33.33%	33.33%	33.33%	33.33%
% Spent	25.79%	45.64%	22.78%	14.11%	14.91%	33.33%	35.62%	29.21%	34.78%	25.78%



April 2025 O&M Expense % Reporting

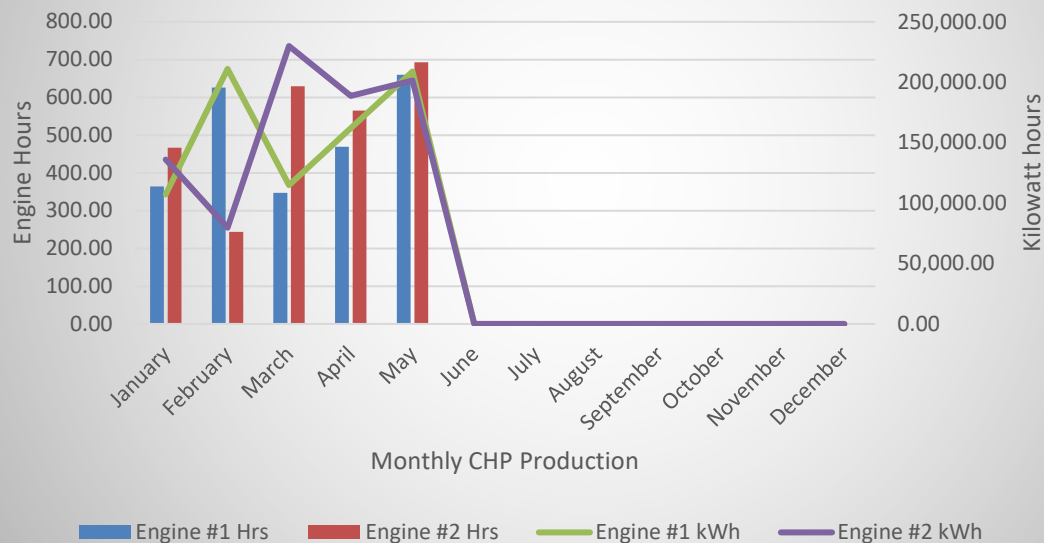


Description	Project Budget Amount	Spent to Date	Updates
Small Capital Projects	\$207,740	\$33,340	Updated 6/9/2025
Plant Equipment Rehabilitation	\$1,343,000	\$67,239	Updated 6/9/2025
Infrastructure	\$50,000	\$15,508	Updated 6/9/2025
Rolling Stock	\$258,000	\$50,999	Updated 6/9/2025
Interceptor Rehab Engineering	\$192,000	\$172,196	Updated 6/9/2025
Phase II Interceptor Rehab Construction	\$650,000	\$0	Updated 6/9/2025
Phase III Interceptor Rehab Construction	\$512,750	\$486,810	Updated 6/9/2025
Televising	\$650,000	\$13,093	Updated 6/9/2025
Primary Clarifier Improvements Engineering	\$654,700	\$304,267	Updated 6/9/2025
Primary Clarifier Improvements Construction	\$6,027,272	\$710,441	Updated 6/9/2025
Final Clarifier Engineering	\$416,400	\$38,352	Updated 6/9/2025
Intermediate Pump Station Engineering	\$199,285	\$4,245	Updated 6/9/2025

Combined Heat & Power Production Report



Road to Net Zero



Monthly CHP Production 2025 = \$0.09/kWh

	Engine #1 Hrs	Engine #2 Hrs	Engine #1 kWh	Engine #2 kWh	\$ Saved	% Electricity Generated
January	363.70	466.70	107,116.00	136,133.00	\$27,459.10	33%
February	626.20	244.10	210,996.00	79,622.00	\$32,806.33	35%
March	346.90	628.90	114,851.00	229,951.00	\$38,922.88	46%
April	469.50	564.90	162,028.00	188,650.00	\$39,586.19	44%
May	659.80	692.60	208,926.00	201,405.00	\$46,320.10	N/A



Return on Investment Monetary Breakdown

		HSW/FOG Gallons Received	HSW Tipping Fees	Elec Energy Produced @ \$0.11/kWh	Maintenance Costs	Total + or -	Target to meet 8.8 Year Repayment Schedule	Hit + or Miss -
	RECS							
Calendar Year 2024								
January		404,700	\$24,282.00	\$20,172.58	\$82,276.78	-\$37,822.20	\$28,805.84	(66,628.04)
February		357,904	\$21,474.24	\$30,264.45		\$51,738.69	\$28,805.84	22,932.84
March		399,901	\$23,994.06	\$34,653.21	\$832.91	\$57,814.36	\$28,805.84	29,008.51
April		437,650	\$26,259.00	\$34,834.54		\$61,093.54	\$28,805.84	32,287.70
May		453,096	\$27,185.76	\$34,603.13		\$61,788.89	\$28,805.84	32,983.04
June		420,040	\$25,202.40	\$28,060.27	\$3,211.00	\$50,051.67	\$28,805.84	21,245.82
July	\$127,303.00	348,680	\$20,920.80	\$28,054.25	\$11,863.16	\$164,414.89	\$28,805.84	135,609.05
August		384,389	\$23,063.34	\$28,486.67	\$295.94	\$51,254.07	\$28,805.84	22,448.22
September		347,070	\$20,824.20	\$17,208.60	\$12,059.32	\$25,973.48	\$28,805.84	(2,832.36)
October		14,210	\$852.60	\$10,827.74	\$3,306.45	\$8,373.89	\$28,805.84	(20,431.95)
November		35,720	\$2,143.20	\$11,886.21		\$14,029.41	\$28,805.84	(14,776.44)
December		230,234	\$13,814.04	\$15,629.93	\$3,446.42	\$25,997.55	\$28,805.84	(2,808.29)
Annual Totals	\$127,303.00	3,833,594	\$230,015.64	\$294,681.56	\$117,291.98	\$534,708.22		
Repayment Balance	\$1,858,152.72							
Annual Payback on Investment	\$245,900.39							
Current Return on Investment in Years	7.6							
		HSW/FOG Gallons Received	HSW Tipping Fees	Elec Energy Produced @ \$0.11/kWh	Maintenance Costs	Total + or -	Target to meet 8.8 Year Repayment Schedule	Hit + or Miss -
	RECS							
Calendar Year 2025								
January		304,790	\$18,287.40	\$27,459.10	\$21,875.75	\$23,870.75	\$28,805.84	(4,935.10)
February		325,450	\$19,527.00	\$32,806.33		\$52,333.33	\$28,805.84	23,527.49
March		371,111	\$22,266.66	\$38,922.88	\$400.00	\$60,789.54	\$28,805.84	31,983.70
April		399,060	\$23,943.60	\$39,586.19	\$1,562.75	\$61,967.04	\$28,805.84	33,161.20
May		333,943	\$20,036.58	\$46,320.10		\$66,356.68	\$28,805.84	37,550.84
June			\$0.00	\$0.00		\$0.00	\$28,805.84	(28,805.84)
July			\$0.00	\$0.00		\$0.00	\$28,805.84	(28,805.84)
August			\$0.00	\$0.00		\$0.00	\$28,805.84	(28,805.84)
September			\$0.00	\$0.00		\$0.00	\$28,805.84	(28,805.84)
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)
Annual Totals	\$0.00	1,734,354	\$104,061.24	\$185,094.60	\$23,838.50	\$265,317.34		
Repayment Balance	\$1,592,835.38							
Annual Payback on Investment	\$280,740.64							
Current Return on Investment in Years	5.7							

SECTION 5.0

CONSENT AGENDA

SECTION 5.1

MINUTES –

APRIL 10, 2025

MEETING

GLENBARD WASTEWATER AUTHORITY
Executive Oversight Committee
Minutes
April 10 2025
8:00 a.m.

Members Present:

Donna Jean Simon	President, Village of Glen Ellyn
Keith Giagnorio	President, Village of Lombard
Trustee Christiansen	Trustee, Village of Glen Ellyn
Trustee Bacher	Trustee, Village of Lombard
Mark Franz	Village Manager, Village of Glen Ellyn
Scott Niehaus	Village Manager, Village of Lombard
Dave Buckley	Public Works Director, Village of Glen Ellyn
Carl Goldsmith	Public Works Director, Village of Lombard

Others Present:

Matthew Streicher	Executive Director, GWA
Ron Dulceak	Assistant Executive Director, GWA
Andy Pakosta	Operations Superintendent, GWA
Michael Kavanaugh	Maintenance Superintendent, GWA
Gayle Lendabarker	Executive Assistant, GWA
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 Simon, Trustee Bachner, Trustee Christiansen, Mr. Niehaus, Mr. Franz, Mr. Goldsmith and Mr. Buckley, answered “Present”.
4. Public Comment
5. New Staff Introductions
 - 5.1 Franciso Coria

Francisco Coria began at the Authority in the role of Plant Electrician on Feb. 25, 2025. Francisco came to us with over 24 years of electrical experience, most recently as an Electrical Foreman with MKD Electric while supporting production at the Argo Cornstarch Facility in Summit, IL. We are excited to welcome him and look forward to seeing his full potential realized.

5.2 Daniel McCabe

Daniel McCabe started as the Authority's new Maintenance Mechanic I on March 11, 2025. He is a Navy Veteran and from a large family of 11. He is an experienced welder and technician in industrial work who spends his time outdoors and enjoys hunting, fishing, and camping. He loves to ride his motorcycle and spend time with his dog "Bull". Danny also looks forward to spring to work in the garden as well.

5.3 Ron Dulceak

The Assistant Executive Director role with the Glenbard Wastewater Authority has recently been filled by Ron Dulceak, who comes to us with 25 years of diverse work experience, including; facilities management, operations, process improvement, and project management. His past ten years were spent at The Morton Arboretum where he was the director of facilities and tasked with a broad range of responsibilities. He is excited to bring all of his knowledge and expertise to the Glenbard Wastewater Authority. He enjoys golfing, fishing, the Sox, Bears and the Blackhawks.

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 months of January, February and March of 2025 in the amount of \$2,125,112.51 (Trustee Christiansen).

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

- 6.1 Executive Oversight Committee Meeting Minutes:
January 9, 2025 EOC Meeting

- 6.2 Vouchers Previously Reviewed:
January, February and March 2025 – Trustee Christiansen

- 6.3 Ratification of Email Poll Items.

- 6.3.1 Recommendation to Authorize Award of NRI Phase III Construction Contract to National Power Rodding

In CY2019 the Authority performed system wide collection system televising, and subsequently awarded RJN Group, Inc. a contract to evaluate

the data collected during the television inspection. The outcome of the evaluation determined the North Regional Interceptor (NRI) needed a considerable amount of rehabilitation consisting of structural lining and heavy cleaning. Phase 3 will consist of performing heavy cleaning on approximately 1,300 lineal feet of 66" diameter pipe that stretches under Interstate 355. The Authority has budgeted \$650,000 for this work, and has already awarded RJN Group the design and construction engineering services. The project was advertised for bid in early December 2024 with a bid opening date of January 15th, 2025. Enclosed in the attachment is a detailed memo along with a bid tabulation and recommendation to award National Power Rodding the contract. Based on the information contained in the enclosed memo, ***the Authority is seeking authorization to award National Power Rodding the NRI Phase III Rehabilitation Construction contract in the amount of \$512,750.***

6.3.2 Recommendation to Authorize Award of the Proposal for the Final Clarifier Rehabilitation Professional Services

The Glenbard Wastewater Authority completed a Facility Plan in 2018 which outlined the existing Wastewater Treatment processes, equipment, and future regulatory changes, as well as discussed multiple recommended improvements. The plan reviewed the condition of each existing unit process and identified projects necessary for rehabilitation or upgrade to maintain compliance with local, State, and Federal regulations. One of the projects identified recommended upgrades to the existing four Final Clarifiers. Per the Authority's professional services policy, due to the similarities of this design and a recently completed design on the Primary Clarifiers this work could be considered a continuation of an existing relationship between a specific professional services provider, and waiving of a competitive selection process is allowable. Therefore, the Authority requested a proposal directly from Trotter & Associates. Enclosed in agenda packet is a memo describing the scope and negotiation process, along with the proposal received. This information was presented to the Technical Advisory Committee (TAC) at the February 20th, 2025 meeting; the TAC agreed with waiving the competitive selection process based on the Authority's professional services policy, and approved of the scope and fee in the revised proposal. ***The Authority is seeking authorization to waive the competitive selection process, and award Trotter and Associates the 2025 Final Clarifier Rehabilitation Professional Services in the amount not to exceed \$416,400.***

6.3.3 Recommendation to Authorize Award of Proposal for CY2025 Professional Engineering Services – Sanitary Sewer System-Wide Multi-Sensor and Closed Caption Television Inspections, Construction Management, and Data Analysis from RJN Group

Per the Authority's approved Illinois Environmental Protection Agency Capacity, Management, Operations, and Maintenance (CMOM) plan, the Authority is required to inspect its entire collection system at once every five years. Based on the professional services policy, the Authority sent a request for proposal directly to RJN Group, as this is being viewed as a continuation of services related to other collection system work RJN is currently performing for the Authority. Enclosed in the agenda packet is a detailed memo describing the scope and negotiation process, along with the proposal received. This information was presented to the Technical Advisory Committee (TAC) at the February 20th, 2025 meeting; the TAC agreed with waiving the competitive selection process based on the Authority's professional services policy, and approved of the scope and fee in the revised proposal. ***The Authority is seeking authorization to waive the competitive selection process, and award RJN Group the design and construction engineering services for the CY2025 Collection System Televising in the amount not to exceed \$76,100.***

6.3.4 Declaration of Surplus

As the Authority routinely gathers items that are no longer being used or are obsolete, a request to declare them as surplus is needed from the Executive Oversight Committee, and then the items are auctioned off to the highest bidder and some amount of recapture is realized. Enclosed with this packet is a formal resolution to declare Authority property as surplus and allow for staff to place it at auction. Also enclosed in the agenda packet is a detailed memo describing the equipment that is being requested to be declared as surplus, as well as the formal resolution. To summarize, the items requested to be declared as surplus include an old air compressor that is no longer being used, a vehicle that was approved to be replaced, and miscellaneous laboratory equipment that has been replaced or is no longer needed. ***The Authority is seeking approval to declare the items described in an enclosed memo as surplus to be auctioned off.***

7. Request to Authorize Award of the Digester Cleaning Contract to Stewart Spreading, Inc.

In March the Authority placed an advertisement for bid Digester Cleaning and Disposal of Municipal Biosolids at the main Glenbard plant. This contract will consist of removing remaining contents of digester number two and cleaning the digester. Per standards, it is recommended to clean anaerobic digesters every 7-10 years. This digester was last cleaned in 2018. Although it only has been 7 years, due to the receiving of high strength waste for the entirety of the time since it has last been cleaned, it is recommended to clean it on the 7-year interval and determine any possible impacts. If no negative consequences are observed, the next cleaning of digester number two would be tentatively scheduled for 2035.

After a public bid opening, it is recommended the Executive Oversight Committee authorize the Authority to award the Digester Cleaning and Disposal of Municipal Sludge to Stewarts Spreading at a rate of \$0.64 per gallon removed and hauled. It is estimated there will be 200,000 gallons remaining the digester needing to be removed and hauled; therefore, the approximate total cost of this work will be \$128,000. The approved CY2025 Approved Budget, Fund 40-580150 Plant Equipment Rehabilitation, had \$250,000 budgeted for this project.

Mr. Franz asked how many digesters GWA has. Mr. Streicher advised there are three (3), with digester #1 having been cleaned back in 2023.

Mr. Franz motioned and Mr. Goldsmith seconded the *MOTION to authorize the Authority to award the Digester Cleaning and Disposal of Municipal Sludge to Stewart Spreading, at a rate of \$.064 per gallon removed and hauled at a total estimated cost of \$128,000. Costs will be charged to Plant Equipment Rehabilitation account 40-580150 of the approved GWA CY2025 Annual Budget, which had budgeted \$250,000 for the project. President Giagnorio, President Simon, Trustee Bachner, Trustee Christiansen, Mr. Niehaus, Mr. Franz, Mr. Goldsmith and Mr. Buckley responded “Aye” during a roll vote. The motion carried.*

8. Request for Authorization to Approve Change Order #1 for the Primary Clarifier and Thickener Improvements Construction Contract with Vissering Construction

At the June 13, 2024, the Executive Oversight Committee authorized award of the construction contract for the Primary Clarifier and Thickener Improvements project to Vissering Construction in the amount of \$5,595,000. During discussions relating to planning and sequencing for this project between Authority staff, the contractor, as well as with the consulting engineer, the Authority came to a conclusion that due to the anticipated sequencing of this project, there would be a benefit to incorporate another capital project that was slated to be constructed in 2026.

During site visits, the subcontractor who will be responsible for replacing the Authority's two magnetic flow meters in the primary effluent pipes also identified four pipe reducers that would benefit from being replaced as well, but were not included in the original scope.

After receiving the proposal from the contractor, the Authority and its consultant reviewed the proposed scope and price, and compared it to cost estimates developed by the Authority's consultant. The proposed price for the primary sludge piping came in at \$336,148.66, and the proposed pricing for the additional pipe reducers came in at \$96,123.07. The overall proposed price of \$432,271.73 was within what was estimated, and below the \$620,000 the Authority had budgeted this work to be a separate project. The Authority estimates nearly \$100,000 will be saved based on economy of scale due to work that will already be underway in the vicinity. This change order does not include a request for a time extension, as with the additional work, the contractor still anticipates completing the project by the original completion date of March 10, 2026.

Although \$620,000 was technically budgeted for this work, this is also an opportunity to utilize more of the bond proceeds that were intended for the Primary Clarifier and Thickener Improvements. The total bond proceeds were \$6,501,680.73, and with the total construction cost being \$5,595,000, and construction engineering fees being \$370,800, this leaves an additional \$535,880.73 in bond proceeds available to spend. The Village's Bond Council confirmed these costs would be eligible to use bond proceeds towards. Therefore, the Authority can remove the \$620,000 amount budgeted in CY2026 and free up funds to allow for more cash on hand, and will still have \$93,609 remaining in bond proceeds available to spend on this project or any other capital project.

The Authority is requesting the Executive Oversight Committee motion to give authorization to approve Change Order #1 for the Primary Clarifier and Gravity Thickener Improvements Construction Contract with Vissering Construction in the amount of \$432,271.73. The contract amount with Vissering Construction will increase from \$5,595,000.00 to \$6,027,271.73

Mr. Brankin advised that he had consulted with the bond consultant who confirmed that there are no issues with using the bond funds to cover these additional costs.

Mr. Goldsmith motioned and Trustee Christiansen seconded the *MOTION to approve Change Order #1 for the Primary Clarifier and Gravity Thickener Improvements Construction Contract with Vissering Construction in the amount of \$432,271.73; increasing the contract total from \$5,595,000 to \$6,027,271.73. President Giagnorio, President Simon, Trustee Bachner, Trustee Christiansen, Mr. Niehaus, Mr. Franz, Mr. Goldsmith and Mr. Buckley responded "Aye" during a roll vote. The motion carried.*

9. Request for Authorization to Approve Addendum #2 for the Primary Clarifier and Thickener Improvements Construction Engineering Contract with Trotter & Associates, Inc.

At the June 13, 2024 Executive Oversight Committee (EOC) meeting, the EOC authorized award for addendum #2 engineering contract for the Primary Clarifier and Thickener Improvements to Trotter & Associates, Inc. (TAI) in the amount of \$370,800 for construction engineering services.

With the proposed additional scope being added onto the Primary Clarifier and Thickener Improvements Project, it called for additional scope to be added to the construction engineering contract as well. The Authority received the enclosed amendment for an additional \$40,800 to be added onto the contract with TAI, bringing the total construction engineering contract to \$411,600. The amendment was discussed with the Technical Advisory Committee, and it was agreed this approach reduced overall engineering fees. Including the design and bidding of this project that had been completed for \$243,100, this would bring the total contract with Trotter & Associates for this project to \$654,700.

As mentioned in the previous agenda item, \$80,000 was originally budgeted in CY2025 to cover the design of the capital improvements project that was slated for CY2026. By applying to the bond proceeds the additional \$40,800, \$52,809 in bond proceeds still available to spend on this project or any other capital projects. Using the bond proceeds would free up another \$80,000 in the Authority's capital budget for future uses.

The Authority is requesting the Executive Oversight Committee motion to give authorization to approve Addendum Number 2 with Trotter & Associates, Inc. for the Primary Clarifier and Thickener Improvements Construction Engineering in the amount of \$40,800, for a total contract amount of \$654,700.

Mr. Franz motioned and Trustee Bachner seconded the *MOTION to approve Addendum #2 with Trotter & Associates, Inc. for the Primary Clarifier and Thickener Improvements Construction Engineering in the amount of \$40,800 for a total contract amount of \$654,700. President Giagnorio, President Simon, Trustee Bachner, Trustee Christiansen, Mr. Niehaus, Mr. Franz, Mr. Goldsmith and Mr. Buckley responded "Aye" during a roll vote. The motion carried.*

10. Request for Authorization to Waive a Competitive Selection Process and Award the Technical Proposal for the Intermediate Pump Station and Clarifier Rehabilitation to Baxter & Woodman, Inc.

In both the 2018 and 2024 Facility Plans, a capital project that was identified was the need for the rehabilitation of the Intermediate Pump Station and Intermediate Clarifiers. However, that rehabilitation was postponed, as the Authority was aware that the pump station may no longer be used when biological nutrient upgrades occurred, and until recently, there was uncertainty as to exactly how soon or when those upgrades would be required. As part of negotiations between the DuPage River Salt Creek Workgroup and the Illinois Environmental Protection Agency, it has been determined that nutrient removals will not be required by the Authority until at least 2038, and the Authority will not be penalized for not removing nutrients until 2040. This determination gave more certainty to how much longer the Intermediate Pump Station and Clarifiers will need to stay in operation, and identified the need to perform some rehabilitation to keep the processes functional for another 13 years.

The Authority sought a proposal to evaluate options to extend the life of the existing facilities while minimizing expenditures on infrastructure that will ultimately be abandoned, demolished, or repurposed. The Intermediate Pumping Station wet well may be used to divert primary clarifier effluent to the new activated sludge process in the future. Similarly, the intermediate clarifiers may be repurposed for fermentation, side stream equalization, or some other purpose to support the future liquid treatment process conversion.

Due to Baxter & Woodman completing the 2024 Facility Plan, their firm retained the most familiarity with the future upgrades, and how the existing Intermediate Pump

Station and Clarifiers will be abandoned, demolished, or repurposed. Therefore, after discussion with the Technical Advisory Committee, it was recommended to waive the competitive selection process for a consulting firm, and request a proposal only from Baxter & Woodman. Based on the Authority's professional services policy this could be defined as continuation of existing work, as this ties into future upgrades associated with the biological nutrient removal project.

After receiving the initial proposal, the scope and fee were negotiated with the final fee coming in a not to exceed amount of \$199,285. The Authority's approved CY2025 budget included a budgeted amount of \$200,000 for this work.

The Technical Advisory Committee is requesting the Executive Oversight Committee a single motion waive the competitive selection process and award the Technical Services Proposal for the Intermediate Pump Station and Clarifier Rehabilitation to Baxter & Woodman in the amount of \$199,285. The Authority budgeted \$200,000 for this work in the CY2024 Approved Budget, Fund 40-580180 Capital Budget.

Trustee Bachner asked what type of penalties would be assessed if the Authority decided not to treat for phosphorus in the future. Mr. Streicher advised that the GWA would be placed in a non-compliance consent decree which would mandate completion of the repairs/upgrades by a specific date; in addition to potential financial and legal ramifications.

Mr. Niehaus and Mr. Goldsmith asked what when GWA would need to be compliant with phosphorus removal limits, what that limit would be and what GWA's current limit is. Mr. Streicher advised that the facility would need to be compliant by 2040 and would have a limit of .35mg/L; and GWA currently discharges a phosphorus level of 3-4mg/L

Mr. Niehaus motioned and Mr. Franz seconded the *MOTION* to waive the competitive selection process and award the Technical Services Proposal for the Intermediate Pump Station and Clarifier Rehabilitation to Baxter & Woodman in the amount of \$199,285 to be charged to CY2024 Approved Budget, Fund 40-580180 Capital Budget. President Giagnorio, President Simon, Trustee Bachner, Trustee Christiansen, Mr. Niehaus, Mr. Franz, Mr. Goldsmith and Mr. Buckley responded "Aye" during a roll vote. The motion carried.

11. Discussion

11.1 Future Items Seeking Approval from Executive Oversight Committee

11.1.1 Pretreatment Services Contract

The position of the Environmental Resources Coordinator at the Authority has recently become vacant. One of that position's essential responsibilities is to maintain the Authority's compliance with the

approved United States Environmental Protection Agency's Pretreatment Program. With the absence of a person to fill that role, a need to temporarily contract those services out has arisen. The Authority is currently negotiating with one of its shortlisted firms that provides said services. It is anticipated that the total dollar amount of that contract could require EOC approval.

The scope and terms of that contract will be reviewed by the Technical Advisory Committee prior to seeking EOC approval.

12. Other Business

12.1 Technical Advisory Committee Updates

12.2 Thank you, Mayor Giagnorio

13. ***Next EOC Meeting*** – The next regularly scheduled EOC Meeting is set for ***Thursday, May 8, 2025 at 8:00 a.m.***

Mr. Streicher advised that there most likely will not be a May 8th meeting, but there will be a June meeting for the presentation of the Facility Plan and to receive guidance/recommendations for proceeding.

Mr. Goldsmith made the motion to adjourn the January 9, 2025 EOC Committee meeting, and Mr. Buckley seconded the MOTION. President Giagnorio, President Simon, Trustee Bachner, Trustee Christiansen, Mr. Niehaus, Mr. Franz, Mr. Goldsmith and Mr. Buckley, responded “Aye” during a roll call. The motion carried. The meeting adjourned at 8:23 a.m.

Submitted by:

Gayle A. Lendabarker
GWA Executive Assistant

SECTION 5.2

VOUCHER REPORTS

APRIL & MAY 2025

GLENBARD WASTEWATER AUTHORITY
APPROVAL OF VOUCHERS
For the meeting in June 16, 2025

EXPENDITURES:	Check Date	Paid Amount	
Accounts Payable 0425-1		\$ 602,518.04	
Accounts Payable 0425-2		\$ 139,710.94	
Accounts Payable 0425-3		\$ 14,640.80	doubled due to GE pmt
Accounts Payable 0425-4		\$ 18,273.60	
Accounts Payable 0525-1		\$ 297,241.66	
Accounts Payable 0525-2		\$ 109,729.90	
Accounts Payable 0525-3		\$ 14,600.74	doubled due to GE pmt
		\$ -	
		<u>\$ 1,196,715.68</u>	<u>\$ 1,196,715.68</u>

PAYROLL EXPENDITURES:	April 4, 2025	April 18, 2025
Net Employee Payroll Checks	<u>\$ 42,414.64</u>	<u>\$ 46,287.48</u>

Employee & Employer Payroll Deductions:

Employee Deductions*	\$ 21,187.26	\$ 23,184.24
IMRF - Employer contribution	\$ 3,042.30	\$ 3,321.59
Social Security/Medicare Tax Withheld - Employer portion	\$ 4,682.46	\$ 5,139.11
Total Payroll	<u>\$ 71,326.66</u>	<u>\$ 77,932.42</u>

PAYROLL EXPENDITURES:	May 2, 2025	May 16, 2025	May 30, 2025
Net Employee Payroll Checks	<u>\$ 44,026.69</u>	<u>\$ 45,887.41</u>	<u>\$ 42,257.38</u>

Employee & Employer Payroll Deductions:

Employee Deductions*	\$ 22,128.92	\$ 23,229.62	\$ 21,240.63
IMRF - Employer contribution	\$ 3,200.59	\$ 3,365.24	\$ 3,074.54
Social Security/Medicare Tax Withheld - Employer portion	\$ 4,873.98	\$ 5,100.14	\$ 4,694.04
Total Payroll	<u>\$ 74,230.18</u>	<u>\$ 77,582.41</u>	<u>\$ 71,266.59</u>
			\$ 372,338.26

\$ 1,569,053.94

VENDOR INVOICE LIST

INVOICE	P.O.	INV DATE	VOUCHER	WARRANT	CHECK #	INVOICE NET	DUE DATE	TYPE	STS	INVOICE DESCRIPTION
2 AAREN PEST CONTROL, INC.										
42669		04/30/2025		0525-2	963321	150.00	05/15/2025	INV	PD	PEST CONTROL - APR 2025
47 CINTAS CORPORATION #769										
4224963255		03/24/2025		0425-4	963238	187.63	03/31/2025	INV	PD	#14944758-MAINT SHOP TOWE
4227917138		04/21/2025		0425-2	963250	187.63	04/30/2025	INV	PD	#14944758-MAINT SHOP TOWE
4230845948		05/19/2025		0525-2	963325	187.63	05/30/2025	INV	PD	#14944758-MAINT SHOP TOWE
						562.89				
50 COMMONWEALTH EDISON COMPANY										
0401069725APRMAY25		05/15/2025		0525-2	963328	22.81	05/30/2025	INV	PD	0401069725-SUNNYBROOK ELE
0401069725MARAPR2025		04/15/2025		0425-2	963252	25.39	04/30/2025	INV	PD	#0401069725-SUNNYBROOK EL
						48.20				
62 PADDOCK PUBLICATIONS, INC										
332287		04/14/2025		0425-2	963254	151.80	04/30/2025	INV	PD	#112117-POTW PUB NOTICE-A
335550		05/11/2025		0525-2	963330	59.80	05/30/2025	INV	PD	#112117-LEGAL NOTICS - MA
						211.60				
74 DREISILKER ELECTRIC MOTORS INC										
I34918		05/19/2025		0525-2	963332	204.12	05/30/2025	INV	PD	#294445-ELECTRICAL PARTS-
86 EESCO, A DIVISION OF WESCO DISTRIBUTION INC										
132506		04/23/2025		0425-2	963257	203.99	04/30/2025	INV	PD	81393-01-ELECTRICAL PARTS
170118		05/19/2025		0525-2	963333	993.92	05/30/2025	INV	PD	#81393-99-REPAIR SERVICE
171795		05/20/2025		0525-2	963333	1,262.54	05/30/2025	INV	PD	#81393-99-ELECTRICAL PART
						2,460.45				
94 FEDERAL EXPRESS CORPORATION										
2-381-00713		05/01/2025		0525-1	963290	140.75	05/15/2025	INV	PD	#111162557-FREIGHT FEES-A
97 FIRST ENVIRONMENTAL LABORATORIES, INC.										
190701		04/30/2025		0525-1	963291	2,046.00	05/15/2025	INV	PD	LAB SERVICES-APR 2025
98 FISHER SCIENTIFIC										
0338663		04/16/2025		0525-1	963292	120.88	05/15/2025	INV	PD	#098651-001-LAB SUPPLIES
107 GASVODA & ASSOCIATES, INC.										
INV25PTS0184		04/18/2025		0425-2	963258	530.33	04/30/2025	INV	PD	#GLENBARD1-MAINT PARTS -
119 HACH COMPANY										
14422470		03/20/2025		0425-1	963214	317.00	04/16/2025	INV	PD	071607 - ELEC MTNC - MAR
14424483		03/21/2025		0425-1	963214	141.00	04/16/2025	INV	PD	071607 - ELEC MTNCE - MA

VENDOR INVOICE LIST

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14426391		03/24/2025		0425-1	963214	168.00	04/16/2025	INV	PD	071607 - ELEC MTNC - MAR
14458005		04/15/2025		0425-2	963261	87.85	04/30/2025	INV	PD	#071607-ELECTRICAL SUPPLI
14479312		05/01/2025		0525-2	963338	8,110.00	05/30/2025	INV	PD	#71607-ANALYZER ANNUAL SV
14481056		05/01/2025		0525-2	963338	7,195.93	05/30/2025	INV	PD	#71607-LAB EQUIPMENT-MAY
						16,019.78				
124 HOME DEPOT USA, INC										
30638		05/05/2025		0525-3		129.96	05/05/2025	INV	PD	CORIA JEANS ORDER
6041183		04/25/2025		0525-1	963298	167.08	05/15/2025	INV	PD	#7114-ELECTRICAL SUPPLIES
7616967		04/14/2025		0525-1	963298	8.48	05/15/2025	INV	PD	#7114-MAINT SUPPLIES - AP
9524028		05/12/2025		0525-2	963339	49.50	05/30/2025	INV	PD	#7114-MAINT STORAGE SUPPL
						355.02				
126 ILLINOIS ASSN. OF WASTEWATER AGENCIES										
5975		05/14/2025		0525-2	963340	65.00	05/30/2025	INV	PD	IAWA CONF REG - STREICHER
136 JACKSON-HIRSH INC										
1097746		05/01/2025		0525-1	963301	46.22	05/15/2025	INV	PD	#9800499-LAMINTATING SUPP
157 LEN'S ACE HARDWARE, INC.										
117163/3		04/10/2025		0425-2	963266	3.99	04/15/2025	INV	PD	#331050-MAINT SUPPLIES -
117170/3		04/11/2025		0425-2	963266	63.84	04/30/2025	INV	PD	#331050-BUILDING SUPPLIES
117289/3		04/29/2025		0525-1	963305	3.19	05/15/2025	INV	PD	#331050-BLDG GROUNDS-APR
117364/3		05/08/2025		0525-1	963305	5.59	05/15/2025	INV	PD	#331050-BLDG GROUNDS SUPP
						76.61				
171 MCMASTER-CARR SUPPLY CO.										
42614972		03/19/2025		0425-4	963239	88.50	03/31/2025	INV	PD	#7735700-MAINT PARTS - MA
43077784		03/27/2025		0425-1	963220	762.65	04/16/2025	INV	PD	7735700 - EQUIP MTNCE - M
44002938		04/14/2025		0425-2	963267	43.46	04/30/2025	INV	PD	#7735700-MAINT PART - APR
44752047		04/28/2025		0525-1	963308	6.99	05/15/2025	INV	PD	#7735700-MAINT SUPPLIES -
44832375		04/29/2025		0525-1	963308	23.71	05/15/2025	INV	PD	#7735700-MAINT SUPPLIES -
						925.31				
185 KONICA MINOLTA BUSINESS SOLUTIONS INC										
501194743		03/30/2025		0425-1	963217	100.00	04/16/2025	INV	PD	146316 - COPIER MTNC - AP
501762736		04/29/2025		0525-1	963302	100.00	05/15/2025	INV	PD	#146316-COPIER USAGE-MAY
						200.00				
188 MOTION INDUSTRIES INC										
IL10-00800320		04/02/2025		0425-2	963269	276.61	04/15/2025	INV	PD	#80514201-MAINT PARTS - M
194 NAPCO STEEL, INC.										
479874		03/25/2025		0425-1	963222	995.00	04/16/2025	INV	PD	26652 - EQUIP MTNCE - MAR
199 NEUCO, INC.										

VENDOR INVOICE LIST

INVOICE	P.O.	INV DATE	VOUCHER	WARRANT	CHECK #	INVOICE NET	DUE DATE	TYPE	STS	INVOICE DESCRIPTION
8643960		04/03/2025		0425-1	963223	583.40	04/15/2025	INV	PD	#GL016-ELECTRICAL PART-AP
206 NORTHERN ILLINOIS GAS COMPANY										
9851585180-APR2025		05/08/2025		0525-1	963311	24.65	05/15/2025	INV	PD	#98515851800-NATURAL GAS
98515851800-APR2025		04/08/2025		0425-2	963270	27.82	04/30/2025	INV	PD	#98515851800-SUNNYBROOK P
						52.47				
209 NCL OF WISCONSIN INC										
518176		04/08/2025		0425-1	963224	879.54	04/15/2025	INV	PD	#17348-LAB SUPPLIES -APR
211 OMI INDUSTRIES										
2158772		04/28/2025		0525-1	963312	1,727.85	05/15/2025	INV	PD	ODOR CONTROL CHEMICALS-AP
218 PATTEN INDUSTRIES, INC.										
P6AC0122841		03/18/2025		0425-1	963204	17.90	03/31/2025	INV	PD	#1512901-FREIGHT FOR PART
P6AC0123617		03/27/2025		0425-1	963204	32.95	04/16/2025	INV	PD	1512901 - EQUIP MTNCE - M
P6AC0124843`		04/15/2025		0425-2	963245	750.00	04/30/2025	INV	PD	ENGINE OIL TESTING KITS -
P6AC0125724		04/28/2025		0525-1	963278	6,957.51	05/15/2025	INV	PD	#1512901-VVLS ATC CONTROL
P6AR0011381		03/26/2025		0425-1	963204	-17.90	03/31/2025	CRM	PD	#1512901-CREDIT FOR RETUR
						7,740.46				
250 SAGINAW CONTROL & ENGINEERING INC										
2026620.01		03/31/2025		0425-1	963228	285.55	04/15/2025	INV	PD	ELECTRICAL PARTS - MAR 20
252 SCHANER'S WASTEWATER PRODUCTS INC.										
1037		03/06/2025		0425-1	963229	5,904.89	04/16/2025	INV	PD	#1037 - CHEMICALS - MAR 2
271 TERRACE SUPPLY COMPANY										
0001068077		03/31/2025		0425-1	963231	53.01	04/16/2025	INV	PD	315850 - CONT MTNCE - MAR
0001068963		04/30/2025		0525-1	963318	51.30	05/15/2025	INV	PD	#315850-WELDING CYLINDER
						104.31				
293 VILLAGE OF GLEN ELLYN										
432720-APR2025		05/01/2025		0525-1	963295	4.37	05/15/2025	INV	PD	#432720-WATER USAGE-APR 2
432720-FEBMAR2025		04/01/2025		0425-1	963211	4.47	04/15/2025	INV	PD	#432720-WATER SVC-FEB-MAR
6077		04/06/2025		0425-1	963211	100.00	04/15/2025	INV	PD	#9289-FALSE ALARM CALL-OU
610130-APR2025		05/01/2025		0525-1	963295	1,336.85	05/15/2025	INV	PD	#610130-WATER USAGE-APR 2
610130-MARAPR2025		04/01/2025		0425-1	963211	1,015.69	04/15/2025	INV	PD	#6310130-WATER USAGE-FEB/
6111		05/04/2025		0525-1	963294	50.00	05/15/2025	INV	PD	#9289-FALS ALARM CALL-OUT
CHASE 04/25		04/07/2025		0425-3	4073	7,320.40	04/30/2025	DIR	PD	CHASE 04/25
CHASE 05/25		05/30/2025		0525-3	4078	7,300.37	05/30/2025	DIR	PD	CHASE 05/25
IFT-245		04/01/2025		0425-2	4072	14,916.67	04/30/2025	DIR	PD	MONTHLY IFT TRANSFER
IFT-246		05/01/2025		0525-2	4077	14,916.67	05/30/2025	DIR	PD	MONTHLY IFT TRANSFER
						46,965.49				
295 VILLAGE OF LOMBARD										

VENDOR INVOICE LIST

INVOICE	P.O.	INV DATE	VOUCHER	WARRANT	CHECK #	INVOICE NET	DUE DATE	TYPE	STS	INVOICE DESCRIPTION
30042-001-MAR2025		05/01/2025		0525-1	963306	137.80	05/15/2025	INV	PD	#30042-001-WATER USAGE-MA
30042001-FEB2025		04/01/2025		0425-1	963219	16.72	04/15/2025	INV	PD	#30042-001-CSO WATER SVC-
31774-001-MAR2025		05/01/2025		0525-1	963307	16.72	05/15/2025	INV	PD	#31774-001-WATER USAGE-MA
31774001-FEB2025		04/01/2025		0425-1	963218	16.72	04/15/2025	INV	PD	#31774-001-WATER SVC MAR
						187.96				
297 W.W. GRAINGER, INC.										
94508669251		03/25/2025		0425-1	963212	89.04	04/16/2025	INV	PD	801764762 - ELEC SUPL - M
9454243578		03/27/2025		0425-1	963212	229.45	04/16/2025	INV	PD	801764762 - ELEC MTNC - M
9455725474		03/28/2025		0425-1	963212	611.74	04/16/2025	INV	PD	801764762 - ELEC SUPL - M
9460987242		04/03/2025		0425-2	963259	35.64	04/15/2025	INV	PD	#801764762-MAINT SUPPLIES
9465302751		04/07/2025		0425-2	963259	137.28	04/15/2025	INV	PD	#801764762-JANITORIAL-PAP
9469104203		04/10/2025		0425-2	963259	181.88	04/30/2025	INV	PD	#801764762-JANITORIAL SUP
9473941731		04/15/2025		0425-2	963259	140.22	04/30/2025	INV	PD	#801764762-ELECTRICAL PAR
9478774715		04/18/2025		0425-2	963259	410.66	04/30/2025	INV	PD	#801764762-ELECTRICAL PAR
9478900641		04/18/2025		0425-2	963259	276.40	04/30/2025	INV	PD	#801764762-ELECTRICAL REP
9481639905		04/22/2025		0425-2	963259	1,156.56	04/30/2025	INV	PD	#801764762-ELECTRICAL REP
9482966182		04/23/2025		0425-2	963259	64.47	04/30/2025	INV	PD	#801764762-ELECTRICAL PAR
9484194007		04/23/2025		0525-1	963296	148.20	05/15/2025	INV	PD	#801764762-REPLACEMENT EY
9486552921		04/25/2025		0525-1	963296	967.05	05/15/2025	INV	PD	#801764762-ELECTRICAL PAR
9492521951		05/01/2025		0525-2	963336	1,156.56	05/30/2025	INV	PD	#801764762-ELECTRICAL PAR
9493986468		05/02/2025		0525-2	963336	232.07	05/30/2025	INV	PD	#801764762-ELECTRICAL PAR
9497256082		05/06/2025		0525-2	963336	223.98	05/30/2025	INV	PD	#801764762-ELECTRICAL PAR
9504912867		05/13/2025		0525-2	963336	96.28	05/30/2025	INV	PD	#801764762-JANITORIAL SUP
9504912875		05/13/2025		0525-2	963336	-1,156.56	05/13/2025	CRM	PD	#801764762-RETURN OF DEFE
9507094622		05/14/2025		0525-2	963336	145.77	05/30/2025	INV	PD	#801764762-JANITORIAL SUP
9511769540		05/19/2025		0525-2	963336	61.32	05/30/2025	INV	PD	#801764762-ELECTRICAL PAR
9512795106		05/20/2025		0525-2	963336	-223.98	05/30/2025	CRM	PD	#801764762-CREDIT-ITEM RE
9513212085		05/20/2025		0525-2	963336	414.81	05/30/2025	INV	PD	#801764762-MAINT TOOLS -M
9513818535		05/20/2025		0525-2	963336	133.60	05/30/2025	INV	PD	#801764762-ELECTRICAL SUP
9514927350		05/21/2025		0525-2	963336	1,343.67	05/30/2025	INV	PD	#801764762-ELECTRICAL PAR
9515318419		05/21/2025		0525-2	963336	96.08	05/30/2025	INV	PD	#801764762-ELECTRICAL PAR
9515625912		05/21/2025		0525-2	963336	511.64	05/30/2025	INV	PD	#801764762-MAINT PLUMBING
						7,483.83				
407 MUNICIPAL INS COOPERATIVE AGENCY										
2025-2026RENEW		05/08/2025		0525-1	963310	139,606.00	05/15/2025	INV	PD	LIABILITY INSURANCE RENEW
477 UNITED PARCEL SERVICE, INC										
30612		05/05/2025		0525-3		2.75	05/05/2025	INV	PD	SERVICE FEE FOR USING CRE
30615		05/05/2025		0525-3		16.89	05/05/2025	INV	PD	UPS CHARGES FOR INBOUND H
30617		05/05/2025		0525-3		27.54	05/05/2025	INV	PD	SHIPPING COSTS-CHARGES DI
30630		05/05/2025		0525-3		120.67	05/05/2025	INV	PD	ELECTRICAL DEPT FREIGHT C
30631		05/05/2025		0525-3		16.85	05/05/2025	INV	PD	ELECTRICAL ORDER SHIPPING
						184.70				
490 COMCAST CABLE COMMUNICATIONS, LLC										
04/01-04/30/25		03/25/2025		0425-1	963208	420.59	04/16/2025	INV	PD	8771200570017919-COMM SVC
0570017919-MAY2025		04/25/2025		0525-1	963285	420.51	05/15/2025	INV	PD	#8771200570017919-TV/INTE

VENDOR INVOICE LIST

INVOICE	P.O.	INV DATE	VOUCHER	WARRANT	CHECK #	INVOICE NET	DUE DATE	TYPE	STS	INVOICE DESCRIPTION
						841.10				
538 ILLINOIS ENVIRONMENTAL PROTECTION AGENCY										
L17-5770		02/18/2025		0425-1	4071	61,427.28	04/16/2025	DIR	PD	BILL #6 - IEPA BIOSOLIDS
624 ROWELL CHEMICAL CORPORATION										
1423363		04/07/2025		0425-2	963273	8,206.64	04/30/2025	INV	PD	#0799-000-CSO CHEMICALS-A
659 DUPAGE RIVER/SALT CREEK WORKGROUP										
675		03/31/2025		0425-1	963210	298,425.00	04/16/2025	INV	PD	GBWW - DUES/ASSESSMENT -
666 LABSOURCE, INC.										
006649302		02/21/2025		0525-1	963303	417.72	05/15/2025	INV	PD	#1001941041-PPE-GLOVES
669 CHRIS DILLMANN										
05022025		05/20/2025		0525-2	963331	70.00	05/30/2025	INV	PD	IPSI SPRING 2025
703 PEERLESS FENCE										
135372		03/21/2025		0425-4	963240	4,350.00	03/31/2025	INV	PD	CSO FENCE REPAIR - MAR 20
738 SUBURBAN LABORATORIES, INC.										
GA5002242		04/25/2025		0525-2	963346	1,432.50	04/30/2025	INV	PD	LAB SVCS-PRETREATMENT-APR
GA5002243		04/25/2025		0525-2	963346	1,415.00	04/30/2025	INV	PD	LAB SVCS-PRETREATMENT-APR
						2,847.50				
743 GROOT, INC										
14171596T107		04/01/2025		0425-1	963213	814.28	04/15/2025	INV	PD	#310769434001-REFUSE SVCS
14382638T107		05/01/2025		0525-1	963297	573.52	05/15/2025	INV	PD	#310769434001-REFUSE SVCS
						1,387.80				
757 STEWART SPREADING, INC.										
4222		04/01/2025		0425-1	963230	30,852.00	04/16/2025	INV	PD	GBWW - SLUDGE DISP - MAR
768 CINTAS FIRST AID & SAFETY										
8407418690		04/11/2025		0425-2	963251	362.30	04/30/2025	INV	PD	#10178979-MONTHLY FIRST
8407505517		05/23/2025		0525-2	963326	383.67	05/30/2025	INV	PD	#10127979-MONTHLY FIRST A
						745.97				
828 GAYLE LENDABARKER										
2025-01		04/30/2025		0525-2	963335	269.42	05/30/2025	INV	PD	PETTY CASH PURCHASES-2025
859 ANALYTICAL SOLUTION, INC										
I2005956		05/05/2025		0525-1	963280	695.00	05/15/2025	INV	PD	LAB SVCS-H2S TESTING-APR

VENDOR INVOICE LIST

INVOICE	P.O.	INV DATE	VOUCHER	WARRANT	CHECK #	INVOICE NET	DUE DATE	TYPE	STS	INVOICE DESCRIPTION
864 JOSEPH SOLITA										
04272025		04/27/2025		0525-1	963316	70.00	04/30/2025	INV	PD	IPSI 2025 SPRING SESSION
877 RS AMERICAS, INC										
9020688390		04/15/2025		0425-2	963244	131.90	04/30/2025	INV	PD	#10057576-ELECTRICAL PART
881 AIRGAS, INC										
5515252485		04/05/2025		0425-1	963203	658.51	04/16/2025	INV	PD	#2024961-CYLINDER RENTALS
5515953263		05/03/2025		0525-1	963277	195.48	05/15/2025	INV	PD	#2024961-GAS CYLINDER REN
9159707894	20250002	04/05/2025		0425-1	963203	1,500.00	04/16/2025	INV	PD	YEAR 4 OF 5 LEASE OF ATMO
9160651879	20250002	04/30/2025		0525-1	963277	1,500.00	05/15/2025	INV	PD	YEAR 4 OF 5 LEASE OF ATMO
9500898595		03/15/2025		0425-4	963237	6,894.40	03/31/2025	INV	PD	#2024961-LIQUID OXYGEN-MA
9500898793		03/22/2025		0425-4	963237	6,753.07	03/31/2025	INV	PD	#2024961-LIQUID OXYGEN -
9500898993		03/29/2025		0425-1	963203	8,630.95	04/16/2025	INV	PD	2024961 - LIQUID OXYGEN -
9500903050		04/05/2025		0425-2	963242	10,435.42	04/15/2025	INV	PD	#2024961-LIQUID OXYGEN-MA
9500903287		04/12/2025		0425-2	963242	7,381.50	04/30/2025	INV	PD	#2024961-LIQUID OXYGEN-AP
9500903482		04/19/2025		0425-2	963242	6,840.85	04/30/2025	INV	PD	#2024961-LIQUID OXYGEN -
9500903662		04/26/2025		0525-2	963322	9,229.74	05/15/2025	INV	PD	#2024961-LIQUID OXYGEN AP
9500907704		05/03/2025		0525-2	963322	5,823.62	05/15/2025	INV	PD	#2024961-LIQUID OXYGEN-AP
9500907958		05/10/2025		0525-1	963277	4,041.26	05/15/2025	INV	PD	#2024961-LIQUID OXYGEN-MA
9703271375		04/22/2025		0525-1	963277	-2,479.32	04/22/2025	CRM	PD	#2024961-CREDIT FOR INCOR
9801114529		04/25/2025		0525-2	963322	2,324.42	05/15/2025	INV	PD	#2024961-CORRECTED INVOIC
						69,729.90				
882 GRUNDFOS WATER UTILITY										
1900383138		01/31/2025		0525-2	963337	4,246.20	05/30/2025	INV	PD	#600008832-MAINT TRAINING
939 STAPLES CONTRACT & COMMERCIAL INC.										
6029263737		04/12/2025		0425-2	963275	25.10	04/30/2025	INV	PD	#DET1680518-OFFICE SUPPLI
6029263738		04/12/2025		0425-2	963275	96.18	04/30/2025	INV	PD	DET1680518-MISC SUPPLIES-
6030449648		04/26/2025		0525-1	963317	28.12	05/15/2025	INV	PD	#DET1680518-DOOR SIGNAGE
						149.40				
942 POWER UP BATTERIES LLC										
P81703934		04/11/2025		0425-2	963247	4,941.96	04/30/2025	INV	PD	#6307901901-BATTERY REPLA
P82360350		05/08/2025		0525-1	963281	187.90	05/15/2025	INV	PD	#6307901901-ELECTRICAL SU
						5,129.86				
958 BAXTER & WOODMAN, INC.										
271108	20240005	04/18/2025		0425-2	963248	2,006.13	04/30/2025	INV	PD	FACILITY PLANNING STUDY
271118		04/18/2025		0425-2	963248	4,659.25	04/30/2025	INV	PD	PROJ #2500494.00-SERVICES
272318	20230005	05/19/2025		0525-2	963323	246.25	05/30/2025	INV	PD	ASSISTANCE WITH LOCAL LIM
272338		05/19/2025		0525-2	963323	3,757.50	05/30/2025	INV	PD	PROJ#2400494.00-ENGINEERI
272339		05/19/2025		0525-2	963323	1,731.25	05/30/2025	INV	PD	PROJ#2400494.01-ENGINEERI
272345	20250008	05/19/2025		0525-2	963323	4,245.00	05/30/2025	INV	PD	INTERMEDIATE PUMP STATION

VENDOR INVOICE LIST

INVOICE	P.O.	INV DATE	VOUCHER	WARRANT	CHECK #	INVOICE NET	DUE DATE	TYPE	STS	INVOICE DESCRIPTION
						16,645.38				
985 HOLSTEINS GARAGE										
3443		03/31/2025		0425-2	963262	90.00	04/15/2025	INV	PD	VEHICLE SAFETY LANE-#647-
988 VERIZON WIRELESS SERVICES LLC										
6109344085		03/23/2025		0425-1	963234	892.53	04/15/2025	INV	PD	#942620536-00001-STAFF CE
6109953577		04/01/2025		0425-1	963233	275.68	04/15/2025	INV	PD	#842065533-00001-REMOTE S
6111838063		04/23/2025		0525-1	963320	2,594.23	05/15/2025	INV	PD	#942620536-00001-STAFF CE
6112448942		05/01/2025		0525-1	963319	275.66	05/15/2025	INV	PD	#842065533-00001-REMOTE S
						4,038.10				
994 DIRECT ENERGY MARKETING, INC.										
250830056591861		03/24/2025		0425-1	963209	50,040.80	03/31/2025	INV	PD	#1846612-ELECTRIC USAGE-J
251060056759411		04/16/2025		0425-2	963256	21,901.76	04/30/2025	INV	PD	#1846612-ELECTRIC-MAIN AC
251080056781412		04/18/2025		0425-2	963255	9,733.18	04/30/2025	INV	PD	#1152328-ELECTRIC SMALL A
251200056854399		04/30/2025		0525-1	963288	69,221.17	05/15/2025	INV	PD	#1846612-ELECTRIC USAGE-F
						150,896.91				
1001 TROTTER AND ASSOCIATES, INC.										
25-24730	20240015	03/30/2025		0425-1	963232	4,627.50	04/15/2025	INV	PD	ENGINEER-PRIMARY CLARIFIE
25-24769	20250005	03/30/2025		0425-1	963232	15,739.75	04/15/2025	INV	PD	2025 FINAL CLARIFIER REHA
25-24834	20240015	04/30/2025		0525-2	963347	5,250.78	05/30/2025	INV	PD	ENGINEER-PRIMARY CLARIFIE
25-24890		04/30/2025		0525-2	963347	1,326.50	05/30/2025	INV	PD	PROJ#GWA010 SERVICES - AP
25-24891	20250005	04/30/2025		0525-2	963347	22,612.58	05/30/2025	INV	PD	2025 FINAL CLARIFIER REHA
						49,557.11				
1008 TRANSFER FLOW INC										
30408		04/07/2025		0425-3		3,483.70	04/07/2025	INV	PD	DUEL SADDLE TANKS FOR NEW
1133 LAUTERBACH & AMEN, LLP										
103169		04/04/2025		0525-1	963304	11,400.00	04/30/2025	INV	PD	FY 24 AUDIT SERVICES
1135 LIBERTY PROCESS EQUIPMENT, INC.										
0107939-IN		05/12/2025		0525-2	963342	1,787.00	05/30/2025	INV	PD	#GLEWA-MOYNO PUMP PARTS-M
1138 CONSTELLATION ENERGY SERVICES INC										
4296012		04/22/2025		0525-1	963287	14,619.21	04/30/2025	INV	PD	#BG11933-NATURAL GAS USAG
1147 ILLINOIS AMERICAN WATER COMPANY										
02/25-03/24/25		03/26/2025		0425-1	963215	103.98	04/16/2025	INV	PD	1025 220008432566-WATER-M
220008432566APR2025		04/29/2025		0525-1	963299	105.78	05/15/2025	INV	PD	#1025220008432566-WATER U
						209.76				
1160 CHICAGO METROPOLITAN FIRE PREVENTION CO.										

VENDOR INVOICE LIST

INVOICE	P.O.	INV DATE	VOUCHER	WARRANT	CHECK #	INVOICE NET	DUE DATE	TYPE	STS	INVOICE DESCRIPTION
IN00455685		04/11/2025		0425-2	963249	335.00	04/30/2025	INV	PD	#6799-ST CHAS SYSTEM TEST
IN00457719		04/13/2025		0425-2	963249	192.75	04/30/2025	INV	PD	#6799-ALARM MONITORING-VV
IN00458957		04/30/2025		0525-1	963283	587.00	05/15/2025	INV	PD	#6799-ST CHARLES LS ALARM
						1,114.75				
1167 KOR KLEEN INC.										
04-002741		04/14/2025		0525-1	963293	24.35	05/15/2025	INV	PD	TABLECLOTH CLEANING SVCS-
1191 ENVIRONMENTAL SYSTEMS RESEARCH INSTITUTE, INC.										
30632		05/05/2025		0525-3		876.83	05/05/2025	INV	PD	ESRI-ANNUAL SUBSCRIPTION
1211 GMC METALS, INC.										
1042903		05/21/2025		0525-2	963344	160.43	05/30/2025	INV	PD	MAINT SUPPLIES - MAY 2025
1212 RJN GROUP, INC										
30500227	20250001	04/01/2025		0425-1	963227	11,800.00	04/15/2025	INV	PD	YEAR 3 OF 6 YEAR CONTRACT
30500228	20250001	05/07/2025		0525-1	963314	11,800.00	05/15/2025	INV	PD	YEAR 3 OF 6 YEAR CONTRACT
389122	20220014	04/15/2025		0425-2	963271	17,913.45	04/30/2025	INV	PD	INTERCEPTOR REHABILITATIO
389123	20220014	05/09/2025		0525-1	963314	10,286.98	05/15/2025	INV	PD	INTERCEPTOR REHABILITATIO
425201	20250003	03/28/2025		0425-1	963227	9,011.51	04/15/2025	INV	PD	DESIGN/CONSTRUCTION ENGIN
425202	20250003	05/09/2025		0525-1	963314	4,081.07	05/15/2025	INV	PD	DESIGN/CONSTRUCTION ENGIN
						64,893.01				
1218 COLLEY ELEVATOR CO.										
277316		04/01/2025		0425-1	963207	231.00	04/16/2025	INV	PD	BE0945 - CONT BLDG MTNCE
278986		05/01/2025		0525-2	963327	231.00	05/15/2025	INV	PD	#BE0945-MONTHLY ELEVATOR
						462.00				
1223 CAPITAL ONE NATIONAL ASSN										
317508725010706		03/28/2025		0425-1	963221	33.20	04/15/2025	INV	PD	#535690-OPS SUPPLIES - MA
317509425012402		04/04/2025		0425-2	963268	44.81	04/30/2025	INV	PD	#535690-OPERATIONS SUPPLI
317509825034765		04/08/2025		0425-2	963268	9.99	04/30/2025	INV	PD	#535690-OPERATIONS SUPPLI
317510025061447		04/10/2025		0425-2	963268	52.80	04/30/2025	INV	PD	#535690-OPERATIONS SUPPLI
317511325106169		04/25/2025		0525-1	963309	108.74	05/15/2025	INV	PD	#535690-OPERATIONS SUPPLI
317511825114222		04/28/2025		0525-1	963309	34.71	05/15/2025	INV	PD	#535690-OPERATIONS SUPPLI
317512225114618		05/02/2025		0525-1	963309	60.51	05/15/2025	INV	PD	#535690-OPERATIONS SUPPLI
317512925018543		05/09/2025		0525-2	963343	21.33	05/30/2025	INV	PD	#535690-OPS SUPPLIES - MA
						366.09				
1234 NISSEN ENERGY INC										
479		04/14/2025		0425-2	4075	695.00	04/30/2025	DIR	PD	#6307901901-CHP PARTS - A
480		04/14/2025		0425-2	4074	527.75	04/30/2025	DIR	PD	#6307901901-CHP TECH SUPP
481		04/24/2025		0425-2	4076	340.00	04/30/2025	DIR	PD	#6307901901-CHP OIL FILTE
						1,562.75				
1246 FOX MARKETING GROUP										
43688		04/09/2025		0425-2	963243	63.00	04/30/2025	INV	PD	DULCEAK BUISNESS CARDS-AP

VENDOR INVOICE LIST

INVOICE	P.O.	INV DATE	VOUCHER	WARRANT	CHECK #	INVOICE NET	DUE DATE	TYPE	STS	INVOICE DESCRIPTION
1248 CONCENTRIC INTEGRATION										
271103	20240010	04/18/2025		0525-1	963286	2,052.00	05/15/2025	INV	PD	PROJ#202166-IT SUPPORT-MA
271113		04/18/2025		0425-2	963253	1,682.00	04/30/2025	INV	PD	DATA ANALYSIS & REPORTING
272315		05/19/2025		0525-2	963329	513.00	05/30/2025	INV	PD	PROJ#0202166.00-IT SVCS -
						4,247.00				
1278 TYCO FIRE & SECURITY (US) MANAGEMENT, INC.										
41234846		04/12/2025		0425-2	963263	148.35	04/30/2025	INV	PD	MAIN PLANT ALARM MONITORI
41234855		04/12/2025		0425-2	963264	204.12	04/30/2025	INV	PD	#01300133259417-ST CHAS A
						352.47				
1290 AST CONSULTING INC.										
1638		05/22/2025		0525-2	963334	300.00	05/30/2025	INV	PD	SAFETY TRAINING-LOCK OUT-
1317 VEOLIA WATER TECHNOLOGIES, INC.										
25000378RI05700		04/10/2025		0425-2	963265	4,856.60	04/30/2025	INV	PD	#1069008-MAINT PARTS - AP
25000442RI05700		05/12/2025		0525-2	963341	96.36	05/30/2025	INV	PD	#1069008-MAINT PARTS - MA
25000495RI05700		05/12/2025		0525-2	963341	883.83	05/30/2025	INV	PD	#1069008-MAINT PARTS/TOOL
						5,836.79				
1340 PETRARCA, GLEASON, BOYLE & IZZO LLC										
38191		04/07/2025		0425-1	963226	675.00	04/15/2025	INV	PD	#G2700-LEGAL SERVICES - M
1346 SEBERT LANDSCAPING										
291512	20250006	04/01/2025		0425-2	963274	3,560.00	04/15/2025	INV	PD	YR 2 OF 3 FOR LANDSCAPE S
293437	20250006	05/01/2025		0525-1	963315	3,560.00	05/15/2025	INV	PD	YR 2 OF 3 FOR LANDSCAPE S
						7,120.00				
1357 THOMAS GREY										
1105266		04/07/2025		0425-2	963260	1,400.00	04/30/2025	INV	PD	CRANE SAFETY TRAINING-APR
1364 B&B NETWORKS, INC.										
30417		04/07/2025		0425-3		318.22	04/07/2025	INV	PD	MONTHLY TELEPHONE SUPPORT
30639		05/05/2025		0525-3		318.27	05/05/2025	INV	PD	MONTHLY PHONE EQUIPMENT S
						636.49				
1372 PEERLESS NETWORK, INC.										
72846		04/01/2025		0425-1	963225	247.11	04/16/2025	INV	PD	GLENBARW9564 - TELECOMM -
74739		05/01/2025		0525-1	963313	247.17	05/15/2025	INV	PD	#GLENBARW9564-PHONE SVCS-
						494.28				
1402 INDUSTRIAL SAFETY LLC										
1000189700		04/22/2025		0525-1	963300	598.67	05/15/2025	INV	PD	ELECTRICAL ARC FLASH PROT

VENDOR INVOICE LIST

INVOICE	P.O.	INV DATE	VOUCHER	WARRANT	CHECK #	INVOICE NET	DUE DATE	TYPE	STS	INVOICE DESCRIPTION
1405 CLOUDMELLOW CONSULTING LTD. CO.										
251628		04/01/2025		0425-1	963206	95.00	04/16/2025	INV	PD	GBWW-ELEC CONT - APR 2025
252058		05/01/2025		0525-1	963284	95.00	05/15/2025	INV	PD	WEBSITE HOSTING FEE-MARY
						190.00				
1409 ACCURATE HOME SERVICES, LLC										
44460509		04/15/2025		0425-2	963241	9,000.00	04/30/2025	INV	PD	BUILDING C DOOR REPAIR-AP
1413 AMAZON.COM SALES, INC										
19VC-WVJH-X7MN		04/01/2025		0425-2	963246	1,971.64	04/15/2025	INV	PD	#A59JV3BH7Z8XE-ONLINE PUR
1TV7-LHWQ-HX3J		05/01/2025		0525-1	963279	611.90	05/15/2025	INV	PD	#A59JV3BH7Z8XE-MISC PURCH
						2,583.54				
1417 VISSERING CONSTRUCTION COMPANY										
PAYMENT-06	20240013	03/31/2025		0425-1	963235	90,941.00	04/15/2025	INV	PD	PRIMARY CLARIFIER & GRAVI
1431 JEA SERVICES INC										
03/31/2025		03/31/2025		0425-1	963216	1,800.00	04/16/2025	INV	PD	GBWW - BLDG MTNCE - MAR 2
1432 JEWEL OSCO 3340										
30398		04/07/2025		0425-3		18.99	04/07/2025	INV	PD	SCHOO SEND OFF SNACKS
30611		05/05/2025		0525-3		24.99	05/05/2025	INV	PD	ALTOTT FAREWLL LUNCH DESS
						43.98				
1433 GSBOOSTERS.ORG										
30401		04/07/2025		0425-3		72.00	04/07/2025	INV	PD	FLOWERS FOR FRONT DOOR PL
1435 YODECK.COM										
30413		04/07/2025		0425-3		16.00	04/07/2025	INV	PD	INTERNAL INFO BOARD SVC-M
30624		05/05/2025		0525-3		16.00	05/05/2025	INV	PD	INFO BOARD MONTHLY SUBSCR
						32.00				
1436 ZOOM.US										
30410		04/07/2025		0425-3		13.59	04/07/2025	INV	PD	VIRTUAL MEETING SVC - MAR
30625		05/05/2025		0525-3		13.59	05/05/2025	INV	PD	ZOOM MONTHLY SUBSCRIPTION
						27.18				
1437 ATT*BILL PAYMENT										
30399		04/07/2025		0425-3		109.93	04/07/2025	INV	PD	BACK UP INTERNET SVC - MA
30404		04/07/2025		0425-3		109.93	04/07/2025	INV	PD	BACK UP INTERNET SVC-APR
						219.86				
1438 TAYST COFFEE ROASTER										
30394		04/07/2025		0425-3		29.00	04/07/2025	INV	PD	COFFEE SUPPLIES-MAR 2025

VENDOR INVOICE LIST

INVOICE	P.O.	INV DATE	VOUCHER	WARRANT	CHECK #	INVOICE NET	DUE DATE	TYPE	STS	INVOICE DESCRIPTION
30405		04/07/2025		0425-3		68.95	04/07/2025	INV	PD	COFFEE SUPPLIES - APR 202
						97.95				
1439 CSWEA										
30402		04/07/2025		0425-3		25.00	04/07/2025	INV	PD	SEMINAR REGISTRATION - DI
30415		04/07/2025		0425-3		315.00	04/07/2025	INV	PD	CSWEA CONF REGISTRATION-S
30607		05/05/2025		0525-3		35.00	05/05/2025	INV	PD	CSWEA - DILLMANN SEMINAR
30629		05/05/2025		0525-3		1,030.00	05/05/2025	INV	PD	STREICHER - CSWEA CONF RE
						1,405.00				
1440 WATER ONE LLC										
35255TO		04/01/2025		0425-1	963236	34.55	04/16/2025	INV	PD	1029292 - WATER DEL - APR
35859TO		04/22/2025		0425-2	963276	42.50	04/30/2025	INV	PD	#1029292-BOTTLED WATER SV
36634TO		05/13/2025		0525-2	963348	50.45	05/30/2025	INV	PD	#1029292-BOTTLE WATER SVC
						127.50				
1442 STAPLES - GLEN ELLYN										
30606		05/05/2025		0525-3		407.20	05/05/2025	INV	PD	COPY-FOLDING OF PLANT BRO
1445 CHICAGO TRIBUNE SUBSCRIPTION										
30406		04/07/2025		0425-3		321.80	04/07/2025	INV	PD	TRIBUNE SUBSCRIPTION RENE
30620		05/05/2025		0525-3		-84.55	05/05/2025	INV	PD	REFUND OVERCHARG ON SUBSC
						237.25				
1446 LOVE'S GAS - ROCHELLE										
30621		05/05/2025		0525-3		47.18	05/05/2025	INV	PD	IPSI GAS PURCHASE
1451 TOTAL WATER TREATMENT										
AU77927		04/28/2025		0525-1	963282	212.50	05/15/2025	INV	PD	#0008061-LAB CHEMICALS-AP
1456 BEV'S HALLMARK										
30397		04/07/2025		0425-3		3.99	04/07/2025	INV	PD	FAREWELL CARD FOR SCHOO
30608		05/05/2025		0525-3		5.99	05/05/2025	INV	PD	ALTOTT FAREWELL CARD
						9.98				
1462 IL TOLLWAY-AUTOREPLENI										
30400		04/07/2025		0425-3		40.00	04/07/2025	INV	PD	IPASS AUTO REPLENISH - MA
1466 LOS BURRITOS TAPATIOS										
30609		05/05/2025		0525-3		149.85	05/05/2025	INV	PD	ALTOTT RETIREMENT LUNCH L
1474 EBAY O*19-12635-79003										
30416		04/07/2025		0425-3		201.98	04/07/2025	INV	PD	MAINTENANCE PARTS-MAR 202
1480 TXFUL.CC/DRIVING-TESTS										

VENDOR INVOICE LIST

INVOICE	P.O.	INV DATE	VOUCHER	WARRANT	CHECK #	INVOICE NET	DUE DATE	TYPE	STS	INVOICE DESCRIPTION
30414		04/07/2025		0425-3		200.00	04/07/2025	INV	PD	CDL TRANING CLASSES-MAR 2
30626		05/05/2025		0525-3		200.00	05/05/2025	INV	PD	CDL CLASSES FOR STAFF
1484 AMZ*JOHN M ELLSWORTH						400.00				
30395		04/07/2025		0425-3		31.05	04/07/2025	INV	PD	MAINTENANCE PART
30396		04/07/2025		0425-3		-2.03	04/07/2025	INV	PD	CREDIT FOR SALE TAX CHARG
30640		05/05/2025		0525-3		862.05	05/05/2025	INV	PD	PURCHASE OF PACKAGE DROP
30641		05/05/2025		0525-3		-56.39	05/05/2025	INV	PD	REFUND OF SALES TAX ON DR
1485 BRILLIANTPROMOS.COM						834.68				
30403		04/07/2025		0425-3		417.00	04/07/2025	INV	PD	STRESS BALL GIVE-AWAYS-MA
1486 DOUBLETREE										
30409		04/07/2025		0425-3		310.08	04/07/2025	INV	PD	CSWEA CONF HOTEL-MAR 2025
1487 SHELL OIL										
30407		04/07/2025		0425-3		6.15	04/07/2025	INV	PD	ACCIDENTAL EMPLOYEE PURCH
1488 BANK OF SPRINGFIELD CT										
30411		04/07/2025		0425-3		14.00	04/07/2025	INV	PD	CSWEA CONF PARKING - MAR
1489 CASEYS										
30412		04/07/2025		0425-3		49.33	04/07/2025	INV	PD	CSWEA EVENT GAS - MAR 202
1490 ADOBE										
30418		04/07/2025		0425-3		1,146.74	04/07/2025	INV	PD	ADOBE ACROBAT SOFTWARE LI
30633		05/05/2025		0525-3		-67.46	05/05/2025	INV	PD	REFUND OF SALES TAX ON OR
1491 APPA-ASSN OF HIGHER ED FACILITIES OFFICERS						1,079.28				
730970		04/04/2025		0425-1	963205	812.00	04/15/2025	INV	PD	#1170015-DULCEAK NATIONAL
730971		04/04/2025		0425-1	963205	122.00	04/15/2025	INV	PD	#1170015-DULCEAK MAPPA ME
1492 RON DULCEAK						934.00				
04222025		04/22/2025		0425-2	963272	186.52	04/30/2025	INV	PD	CSWEA CONFERENCE MILEAGE
1493 SERVER SUPPLY.COM INC										
30634		05/05/2025		0525-3		403.75	05/05/2025	INV	PD	ELECTRICAL - EQUIPMENT PU
1494 EXXON 7-ELEVEN 34713										

VENDOR INVOICE LIST

INVOICE	P.O.	INV DATE	VOUCHER	WARRANT	CHECK #	INVOICE NET	DUE DATE	TYPE	STS	INVOICE DESCRIPTION
30627		05/05/2025		0525-3		45.10	05/05/2025	INV	PD	CSWEA MEETING GAS
1495 SOCIETYFORHUMANRESOURC										
30613		05/05/2025		0525-3		299.00	05/05/2025	INV	PD	ANNUAL MEMBERSHIP
1496 HILTON										
30628		05/05/2025		0525-3		210.03	05/05/2025	INV	PD	CSWEA MEETING HOTEL
1497 SERVERORBIT.COM										
30635		05/05/2025		0525-3		365.49	05/05/2025	INV	PD	ELECTRICAL EQUIPMENT PURC
1498 WAL-MART #1848										
30618		05/05/2025		0525-3		55.14	05/05/2025	INV	PD	JEANS ORDER - LUBBEN
30623		05/05/2025		0525-3		55.76	05/05/2025	INV	PD	PURCHASED SHOWER CURTAINS
						110.90				
1499 HOLIDAY INNS										
30619		05/05/2025		0525-3		756.00	05/05/2025	INV	PD	SOLITA IPSI HOTEL EXPENSE
30622		05/05/2025		0525-3		756.00	05/05/2025	INV	PD	DILLMANN IPSI HOTEL EXPEN
						1,512.00				
1500 ETSY.COM*ENDURINGKEEPS										
30605		05/05/2025		0525-3		94.12	05/05/2025	INV	PD	ALTOTT FAREWELL GIFT
30610		05/05/2025		0525-3		-7.17	05/05/2025	INV	PD	SALES TAX REFUND ON ETSY.
30614		05/05/2025		0525-3		58.56	05/05/2025	INV	PD	ALTOTT REPLACEMENT TEXT E
30616		05/05/2025		0525-3		-4.46	05/05/2025	INV	PD	SALES TAX REFUND ON ETSY.
						141.05				
1501 NORTON *AP2109921629										
30636		05/05/2025		0525-3		127.49	05/05/2025	INV	PD	NORTON SOFTWARE LICENSE
30637		05/05/2025		0525-3		-7.65	05/05/2025	INV	PD	REFUND OF SALES TAX ON LI
						119.84				
1502 DUPAGE COUNTY COLLECTOR										
05-24-302-018 2025-1		05/08/2025		0525-1	963289	5,317.63	05/08/2025	INV	PD	1S359 SUNNYBROOK RD 2025
1504 ML STRUCTURAL PLLC										
1277.01.A		04/30/2025		0525-2	963345	2,050.00	05/30/2025	INV	PD	ROOF ENGINEERING SVCS-APR
1505 CHI-TOWN CLEANING SERVICES CO.										
25-0151		04/28/2025		0525-2	963324	670.00	05/30/2025	INV	PD	CLEANING SVCS-SEPT 2024
25-0152		04/28/2025		0525-2	963324	634.16	05/30/2025	INV	PD	CLEANING SVCS-OCT 2024
25-0153		04/28/2025		0525-2	963324	333.66	05/30/2025	INV	PD	CLEANING SVCS-NOV 2024
25-0154		04/28/2025		0525-2	963324	333.66	05/30/2025	INV	PD	CLEANING SVCS-DEC 2024
25-0155		04/28/2025		0525-2	963324	449.15	05/30/2025	INV	PD	CLEANING SVCS-JAN 2025

VENDOR INVOICE LIST

INVOICE	P.O.	INV DATE	VOUCHER	WARRANT	CHECK #	INVOICE NET	DUE DATE	TYPE	STS	INVOICE DESCRIPTION
25-0156		04/28/2025		0525-2	963324	231.00	05/30/2025	INV	PD	CLEANING SVCS-FEB 2025
25-0157		04/25/2025		0525-2	963324	250.45	05/30/2025	INV	PD	CLEANING SVCS-MAR 2025
25-0158		04/28/2025		0525-2	963324	116.83	05/30/2025	INV	PD	CLEANING SVCS-APR 2025
						3,018.91				

287 INVOICES	1,196,715.68
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** END OF REPORT - Generated by Jenneane Timreck **

SECTION 5.3

AUTHORIZATION TO PURCHASE H₂S MEDIA FROM UNISON

MEMORANDUM

TO: Matt Streicher, Executive Director

FROM: Andrew Pakosta, Operations Superintendent

DATE: June 12th, 2025

RE: CHP H2S Removal Media



In order to run the CHP engines off biogas, the H2S must be removed. To accomplish this, Unison Solutions has manufactured a gas conditioning system that relies on a H2S removal media. Over time, the media can no longer remove the necessary amount of H2S and needs to be replaced.

As there is no specific date when the existing media will reach its useful life, GWA staff is performing in-house testing and monthly gas testing in an effort to better determine how much time we have before the Media expires. Since there is little expiration notice, it is preferred to have the media onsite and available in an effort to minimize the down time of the engines.

Based on previous quotes from Schlumberger and Chemical Products, I recommend that we stay with the Unison media. The Schlumberger product requires potable water injection when treating saturated gas and therefore would require a potable water line tap into the existing methane pipe before the H2S media tank. We know the Unison media is effective and does not require any special modifications to the gas conditioning system making it the most responsible choice. In addition, the potable water costs and the required modifications associated with the Schlumberger product would be substantial over the life expectancy of the H2S media. Chemical Products media expected life is only (141 days) we would have to purchase it multiple times to equal the unison media.

The Operations Department would like to waive public bidding based on section "C.1.f Standardization Purchases." Unison Solutions is the manufacture of the gas conditioning system, for optimal performance it is recommended we continue to use a Unison Solution media.

If competitive bidding is waived, the Operations Department request approval for purchasing H2S removal media from Unison Solutions for the quoted price of \$30,720.00.

In the 2025 GWA budget, staff allocated \$90,000 for the purchase of this media in budget category Plant Equipment Rehabilitation account 40-580150. These quotes are an estimate due to varying shipping costs and is dependent on the final approval date. This purchase is below the budgeted amount and leaves remaining funds for the purchase of the siloxane conditioning media at a later date.



Date: 05/28/2025

Expires: 06/30/2025

Attn: Andrew Pakosta

Location: Glen Ellyn, IL 60137

Proposal Number: PM-225.2098.1

Proposal Name: H2S Media

Dear Andrew,

Unison Solutions, Inc. is pleased to provide you with the following quote per your request for H2S media.

Description	Quantity	Unit Cost	Total
Unison Part Number UNI-H2SK	17,600.00 lbs.	\$ 1.50 /lb.	\$ 26,400.00
Estimated Shipping: Not to exceed price	1.00	\$ 1,500.00 each	\$ 1,500.00
122" Diameter Foam Filter (for 10' diameter vessel)	1.00	\$ 1,450.00 each	\$ 1,450.00
Estimated Shipping: Not to exceed price	1.00	\$ 1,000.00 each	\$ 1,000.00
GASKET-5716 - H2S Vessel	2.00	\$ 135.00 each	\$ 270.00
Estimated Shipping: Not to exceed price	1.00	\$ 100.00 each	\$ 100.00
All costs noted above for shipping are estimates only. Actual cost of shipping will be determined at time of shipment.			Grand Total: \$ 30,720.00

MEDIA: PRICING SUMMARY

- Prices do not reflect any taxes that may be applicable and are valid for 30 days.
- Price does not include the following: labor for unloading media from the truck, disposal of spent media or labor for loading new media into vessels.
- Estimated delivery upon order receipt is 7- 21 days depending on availability

PAYMENT SCHEDULE

- 100% upon order acceptance. Net 30 days on all payments.

Thank you for giving Unison Solutions the opportunity to propose our services. If you have any questions or require additional information, please contact me at your convenience.

Sincerely,

Kim Murdock-Timmerman

Unison Solutions, Inc.

563-585-0967

SECTION 5.4

AUTHORIZATION TO PURCHASE 2025 FORD ESCAPE

MEMORANDUM

TO: Executive Oversight Committee

FROM: Ron Dulceak, Assistant Director

DATE: May 16, 2025

RE: **Request for Authorization**
Ford Escape Purchase



The Authority has identified the replacement of Unit 642, a 2010 Dodge Caravan with 55,578 miles, as part of its ongoing vehicle replacement plan. This vehicle is used regularly by Authority staff for site visits, village meetings, and training events.

As the vehicle is now 15 years old and approaching the end of its service life, replacement is both timely and aligned with the Authority's operational and sustainability goals.

The Authority has obtained pricing from National Auto Fleet Group, an approved Sourcewell consortium partner, for the purchase of a 2025 Ford Escape Hybrid. This follows the purchase policy C.1.d. The vehicle specifications have been reviewed and approved by the Public Works Equipment Services Superintendent. Selecting a hybrid vehicle supports the Authority's sustainability initiatives by reducing fuel consumption and greenhouse gas emissions.

Recommendation:

The Authority recommends the Executive Oversight Committee authorize the purchase of one (1) 2025 Ford Escape Hybrid from National Auto Fleet Group per Quote #39598 in the amount of **\$39,959.59**. Funding for this purchase is available in the CY2025 Approved Budget, **Fund 40-570155 (Rolling Stock – Vehicles)**, which allocated **\$66,554** for this replacement.



National Auto Fleet Group

A Division of Chevrolet of Watsonville

490 Auto Center Drive, Watsonville, CA 95076

(855) 289-6572 • (831) 480-8497 Fax

Fleet@NationalAutoFleetGroup.com

5/9/2025

Quote ID: **39598**

Order Cut Off Date: **TBA**

Ron Dulceak
Glenbard Wastewater Authority
Administration

945 Bemis Road

Glen Ellyn, Illinois, 60137

Dear Ron Dulceak,

National Auto Fleet Group is pleased to quote the following vehicle(s) for your consideration.

One (1) New/Unused (2025 Ford Escape (U0E) PHEV FWD,) and delivered to your specified location, each for

	One Unit (MSRP)	One Unit	Total % Savings	Total Savings
Contract Price	\$40,150.00	\$39,659.59	1.221 %	\$490.41
1 Additional Key(s)		\$300.00		
Tax (0.0000 %)		\$0.00		
Tire fee		\$0.00		
Total		\$39,959.59		

- per the attached specifications.

This vehicle(s) is available under the **Sourcewell Contract 091521-NAF** . Please reference this Contract number on all purchase orders to National Auto Fleet Group. Payment terms are Net 20 days after receipt of vehicle.

Thank you in advance for your consideration. Should you have any questions, please do not hesitate to call.

Sincerely,

Jesse Cooper
Account Manager
Email: Fleet@NationalAutoFleetGroup.com
Office: (855) 289-6572
Fax: (831) 480-8497



GMC

Purchase Order Instructions & Resources

In order to finalize your purchase please submit this purchase packet to your governing body for a purchase order approval and submit your purchase order in the following way:

Email: Fleet@NationalAutoFleetGroup.com

Fax: (831) 480-8497

Mail: National Auto Fleet Group

490 Auto Center Drive

Watsonville, CA 95076

We will send a courtesy confirmation for your order and a W-9 if needed.

Additional Resources

Learn how to track your vehicle: www.NAFGETA.com

Use the upfitter of your choice: www.NAFGpartner.com

Vehicle Status: ETA@NationalAutoFleetGroup.com

General Inquiries: Fleet@NationalAutoFleetGroup.com

For general questions or assistance please contact our main office at:

1-855-289-6572

Vehicle Configuration Options

ENGINE	
Code	Description
991	Engine: 2.5L iVCT Atkinson Cycle I-4 Hybrid, (STD)
TRANSMISSION	
Code	Description
445	Transmission: eCVT, (STD)
PRIMARY PAINT	
Code	Description
AZ	Star White Metallic Tri-Coat
SEAT TYPE	
Code	Description
HB	Ebony, Heated Vinyl/Cloth Front Sport Contour Bucket Seats, -inc: 8-way power driver (fore/aft, up/down, recline, lumbar) and 4-way manual front passenger (fore/aft w/manual recline)
ADDITIONAL EQUIPMENT	
Code	Description
153	Front License Plate Bracket, -inc: Standard in states requiring two license plates and optional to all others
50Q	Cargo Mat
50C	Front & Rear Floor Liners w/o Carpet Mats, -inc: Deletes standard front and rear carpeted floor mats
___	Equipment Group 700A savings
OPTION PACKAGE	
Code	Description
700A	Equipment Group 700A

2025 Fleet/Non-Retail Ford Escape PHEV FWD

WINDOW STICKER

2025 Ford Escape PHEV FWD		
CODE	MODEL	MSRP
U0E	2025 Ford Escape PHEV FWD	\$38,400.00
OPTIONS		
991	Engine: 2.5L iVCT Atkinson Cycle I-4 Hybrid, (STD)	\$0.00
445	Transmission: eCVT, (STD)	\$0.00
AZ	Star White Metallic Tri-Coat	\$995.00
HB	Ebony, Heated Vinyl/Cloth Front Sport Contour Bucket Seats, -inc: 8-way power driver (fore/aft, up/down, recline, lumbar) and 4-way manual front passenger (fore/aft w/manual recline)	\$0.00
153	Front License Plate Bracket, -inc: Standard in states requiring two license plates and optional to all others	\$0.00
50Q	Cargo Mat	\$100.00
50C	Front & Rear Floor Liners w/o Carpet Mats, -inc: Deletes standard front and rear carpeted floor mats	\$160.00
—	Equipment Group 700A savings	(\$1,000.00)
700A	Equipment Group 700A	\$0.00
Please note selected options override standard equipment		
SUBTOTAL		\$38,655.00
Advert/ Adjustments		\$0.00
Manufacturer Destination Charge		\$1,495.00
TOTAL PRICE		\$40,150.00
Est City: N/A MPG Est Highway: N/A MPG Est Highway Cruising Range: N/A mi		

Any performance-related calculations are offered solely as guidelines. Actual unit performance will depend on your operating conditions.

Notes

Standard Equipment

MECHANICAL

Engine: 2.5L iVCT Atkinson Cycle I-4 Hybrid (STD)

Transmission: eCVT (STD)

AXLE RATIO

2.91 Axle Ratio

WHEELS

Wheels: 18" Machined-Face Magnetic Aluminum -inc: painted pockets

ADDITIONAL EQUIPMENT

50-State Emissions System

Engine Auto Stop-Start Feature

Transmission w/Driver Selectable Mode and Oil Cooler
--

Front-Wheel Drive

Battery w/Run Down Protection

Hybrid Electric Motor

1030# Maximum Payload

GVWR: TBD

Gas-Pressurized Shock Absorbers

Front And Rear Anti-Roll Bars

Electric Power-Assist Speed-Sensing Steering
--

Quasi-Dual Stainless Steel Exhaust w/Chrome Tailpipe Finisher

11.1 Gal. Fuel Tank

Strut Front Suspension w/Coil Springs

Short And Long Arm Rear Suspension w/Coil Springs

Regenerative 4-Wheel Disc Brakes w/4-Wheel ABS, Front Vented Discs, Brake Assist, Hill Hold Control and Electric Parking Brake
--

Brake Actuated Limited Slip Differential
--

Lithium Ion (li-Ion) Traction Battery w/3.3 kW Onboard Charger, 11 Hrs Charge Time @ 110/120V, 3.3 Hrs Charge Time @ 220/240V and 14.4 kWh Capacity

Tires: 225/60R18 AS BSW

Steel Spare Wheel

Compact Spare Tire Mounted Inside Under Cargo

Body-Colored Front Bumper w/Metal-Look Rub Strip/Fascia Accent and Black Bumper Insert
--

Black Rear Bumper w/Metal-Look Rub Strip/Fascia Accent
Black Bodyside Cladding and Black Wheel Well Trim
Body-Colored Door Handles
Chrome Side Windows Trim
Body-Colored Power Heated Side Mirrors w/Manual Folding
Fixed Rear Window w/Yes Wiper and Defroster
Deep Tinted Glass
Speed Sensitive Variable Intermittent Wipers
Fully Galvanized Steel Panels
Lip Spoiler
Black Grille w/Chrome Accents
Power Liftgate Rear Cargo Access
Tailgate/Rear Door Lock Included w/Power Door Locks
Autolamp Auto On/Off Reflector Led Low/High Beam Auto High-Beam Daytime Running Lights Preference Setting Headlamps w/Delay-Off
Perimeter/Approach Lights
LED Brakelights
Headlights-Automatic Highbeams
Front Fog Lamps
Radio w/Seek-Scan, Clock and Radio Data System
Radio: AM/FM Stereo -inc: 6 speakers, speed compensated volume, steering wheel mounted controls and SiriusXM w/360L w/a 3 month prepaid subscription, Note: SiriusXM audio and data services each require a subscription sold separately, or as a package, by Sirius XM Inc, Your SiriusXM service will automatically stop at the end of your trial unless you decide to subscribe, If you decide to continue service after your trial, the subscription plan you choose will automatically renew thereafter and you will be charged according to your chosen payment method at then- current rates, Fees and taxes apply, To cancel you must call SiriusXM at 1-866-635-2349, See SiriusXM Customer Agreement for complete terms at www.siriusxm.com , All fees and programming subject to change, Not all vehicles or devices are capable of receiving all services offered by SiriusXM, Current information and features may not be available in all locations, or on all receivers, Satellite and streaming lineups vary slightly, 2020 Sirius XM Inc, Sirius, XM, SiriusXM and all related marks and logos are trademarks of Sirius XM Inc SiriusXM service is not available in Alaska and Hawaii.
Integrated Roof Antenna
SYNC 4 w/Enhanced Voice Recognition -inc: 13.2" LCD capacitive touch-screen w/swipe capability, wireless phone connection, cloud connected, AppLink w/app catalog, 911 Assist, wireless Apple CarPlay and Android Auto, digital owners manual
2 LCD Monitors In The Front
Siriusxm Traffic Real-Time Traffic Display
2-Way Power Driver Seat -inc: Power Cushion Tilt
Passenger Seat
60-40 Folding Split-Bench Front Facing Manual Reclining Fold Forward Seatback Rear Seat w/Manual Fore/Aft
Manual Tilt/Telescoping Steering Column

Gauges -inc: Speedometer, Odometer, Engine Coolant Temp, Traction Battery Level, Power/Regen, Trip Odometer and Trip Computer
Power Rear Windows and Fixed 3rd Row Windows
Heated Leatherette Steering Wheel
Front Cupholder
Rear Cupholder
Compass
Proximity Key For Doors And Push Button Start
Valet Function
Remote Keyless Entry w/Integrated Key Transmitter, Illuminated Entry, Illuminated Ignition Switch and Panic Button
Remote Releases -Inc: Power Cargo Access and Power Fuel
FordPass Connect -inc: 4G LTE Wi-Fi hotspot that connects up to 10 devices (includes a wireless data trial that begins upon AT&T activation and expires at the end of 3 months or when 3GB of data is used, whichever comes first, but cannot extend beyond the trial subscription period for remote features, To activate, go to www.att.com/ford), Remote start w/specific time scheduling, lock and unlock, locate parked vehicle and check vehicle status (the FordPass App and complimentary connected services are required for remote features (see FordPass terms for details), Connected services and features depend on compatible AT&T network availability, Evolving technology/cellular networks/vehicle capability may limit functionality and prevent operation of connected features, Connected services exclude Wi-Fi hotspot)
Cruise Control w/Steering Wheel Controls
Adaptive Cruise Control with Stop-and-Go
HVAC -inc: Underseat Ducts and Console Ducts
Voice Activated Dual Zone Front Automatic Air Conditioning
Glove Box
Driver Foot Rest
Interior Trim -inc: Piano Black/Metal-Look Instrument Panel Insert, Metal-Look Door Panel Insert, Metal-Look Console Insert and Metal-Look Interior Accents
Full Cloth Headliner
Metal-Look Gear Shifter Material
Heated Vinyl/Cloth Front Sport Contour Bucket Seats -inc: 8-way power driver (fore/aft, up/down, recline, lumbar) and 4-way manual front passenger (fore/aft w/manual recline)
Day-Night Rearview Mirror
Driver And Passenger Visor Vanity Mirrors w/Driver And Passenger Illumination, Driver And Passenger Auxiliary Mirror
Full Floor Console w/Covered Storage, Mini Overhead Console w/Storage and 2 12V DC Power Outlets
Front And Rear Map Lights
Fade-To-Off Interior Lighting
Full Carpet Floor Covering -inc: Carpet Front And Rear Floor Mats
Carpet Floor Trim
Cargo Area Concealed Storage
Trunk/Hatch Auto-Latch

Cargo Space Lights
Smart Device Remote Engine Start
Tracker System
FOB Controls -inc: Keyfob Cargo Access and Keyfob Remote Start
Connected Navigation Integrated Navigation System w/Voice Activation
Driver / Passenger And Rear Door Bins
Delayed Accessory Power
Power Door Locks w/Autolock Feature
Power 1st Row Windows w/Front And Rear 1-Touch Up/Down
Driver Information Center
Redundant Digital Speedometer
Trip Computer
Outside Temp Gauge
Digital/Analog Appearance
Seats w/Cloth Back Material
Manual Adjustable Front Head Restraints and Manual Adjustable Rear Head Restraints
Front Center Armrest and Rear Center Armrest
1 Seatback Storage Pocket
Securilock Anti-Theft Ignition (pats) Immobilizer
2 12V DC Power Outlets
Air Filtration
Cruise Control-Steering Assist
AdvanceTrac w/Roll Stability Control Electronic Stability Control (ESC) And Roll Stability Control (RSC)
AdvanceTrac ABS And Driveline Traction Control
Side Impact Beams
Dual Stage Driver And Passenger Seat-Mounted Side Airbags
BLIS (Blind Spot Information System) Blind Spot
Rear Cross-Traffic Braking
Lane Keeping Alert Lane Keeping Assist
Lane Keeping Alert Lane Departure Warning
Collision Mitigation-Front
Driver Monitoring-Alert
Reverse Sensing System Rear Parking Sensors
PCA with AEB and Intersection Assist
Front Cross Traffic Mitigation
Evasion Assist
Tire Specific Low Tire Pressure Warning
Dual Stage Driver And Passenger Front Airbags
Safety Canopy System Curtain 1st And 2nd Row Airbags
Personal Safety System Airbag Occupancy Sensor

Driver Knee Airbag
Rear Child Safety Locks
Outboard Front Lap And Shoulder Safety Belts -inc: Rear Center 3 Point, Height Adjusters and Pretensioners
High Resolution Digital Camera Back-Up Camera

SECTION 6.0

FACILITY PLAN PRESENTATION

MEMORANDUM

TO: Executive Oversight Committee

FROM: Matt Streicher, Executive Director

DATE: June 16, 2025

RE: **2024 Facility Planning Study Presentation**



Per the Intergovernmental Agreement that the Authority was formed by, “Every five (5) years, the Authority shall conduct a review of the capital plan; said review shall be performed by an outside consultant and be known as the facilities plan. The result shall be used as the basis for updating the Authority’s ten (10) year capital plan.”

In late September of 2023, formal requests for proposals (RFP) for the Facility Plan were sent to the Authority’s shortlisted consulting/engineering firms. For two main reasons, the RFP was structured differently than past years: (1) the 2019 Facility Plan was detailed and in-depth, and having been performed only five years prior, the majority of the Plan is still valid and applicable, and (2) the expected Phosphorus regulations on the Authority’s future permits warrant a closer look into the potential treatment options available to meet these regulations. Those new treatment processes will require significant reconstruction and upgrades to the Authority’s main facility, and this Facility Plan will serve as a roadmap to allow the Authority to plan and prepare for those significant changes.

Due to the size and complexity of the expected process changes, significant capital expenditures are likely as well. Funding from the low-interest Illinois State Revolving Fund (SRF) is still the Authority’s preferred method to be able to finance these future projects, and even though SRF funding has become harder to acquire in recent years, GWA would still intend to apply for those low-interest loans before seeking other methods of financing. To qualify for an SRF loan, an approved Facility Plan is required to be kept on file with the Illinois Environmental Protection Agency (IEPA), which was another important driver in performing the Authority’s 2024 Facility Planning Study.

The Authority received four sets of technical proposals in response to the RFP that was sent to the shortlisted firms, and after a competitive selection process, in January 2024 the EOC authorized selecting two of the Authority’s shortlisted firms that had teamed up, Baxter & Woodman and Carollo Engineers.

After just over yearlong study, the final Facility Plan report was completed, with the Executive Summary being enclosed following this memo. Representatives from Baxter & Woodman are in

attendance to present on key findings of the study, and potential action items to move forward with.

After the presentation, the Authority will be seeking input and direction from the Executive Oversight Committee on the future nutrient removal project tentatively scheduled to start in 2030 (for compliance to be met by 2038). The main direction that the Authority will be seeking is to either rehabilitate/reconstruct the existing high purity oxygen activated sludge process for a lower overall lifecycle cost (lower capital cost, higher operations and maintenance, no flexibility for future regulations), or construct an entirely new biological nutrient removal process for a higher lifecycle cost (higher capital, lower operations and maintenance, more flexibility for future needs). Furthermore, if direction is given to construct a new biological nutrient removal process, the location will need to be determined in the relatively near future so that preparations may begin.



December 2024

Facility Plan - 2024

2326150.00

Glenbard Wastewater Authority
Glen Ellyn, Illinois

1. Executive Summary

1.1. Purpose

Glenbard Wastewater Authority (GWA) is required by its bylaws to update its Facility Plan every five years. The most recent Plan was prepared in 2018 and is now five years old. The focus of the 2018 Facility Plan was to develop a Capital Improvements Plan (CIP) to assist in budgeting for necessary improvements to meet new and pending effluent standards. That plan also reviewed in detail each unit process throughout each facility and identified necessary projects to improve those facilities to meet current and known future requirements.

The purpose of this 2024 Facility Plan (Plan) is to:

- 1) Estimate the additional flows and loads associated with future growth within the planning area during the 20-year planning period.
- 2) Update the cost opinions from the 2018 Facility Plan for previously identified projects to account for cost increases between 2018 and 2024.
- 3) Evaluate, in detail, options to meet future nutrient (phosphorus and nitrogen) limits.
- 4) Weight, score, and rank options to determine the most favorable approach for GWA to meet future nutrient limits.

This Facility Plan intentionally does not:

- 1) Evaluate the adequacy of the existing collection and treatment facilities under the current flows, loads, and regulatory requirements.
- 2) Review the maintenance history and current condition of wastewater treatment units and lift stations, as well as identify any required maintenance repairs/replacements that are necessary.

This work was thoroughly completed in the 2018 Facility Plan and conditions have not changed substantially between 2018 and the writing of this Plan. Refer to the 2018 Facility Plan for details intentionally not included in this plan.

1.2. Pending Regulatory Requirements

The main wastewater treatment facility's (WWTF) National Pollution Discharge Elimination System (NPDES) permit outlines the requirements related to effluent total phosphorus, which are explained in detail in Section 2.2.2. GWA is a member of the DuPage River Salt Creek Workgroup (DRSCW), and the anticipated effluent total phosphorus limits will be dictated by DRSCW's Nutrient Implementation Plan (NIP). The two key points for GWA as it relates to phosphorus are:

- 1) An effluent total phosphorus (TP) limit of 0.35 milligrams per liter (mg/L) seasonal geometric mean for warm weather months as part of an annual 0.5 mg/L TP geometric mean is expected to apply.
- 2) The limit is anticipated to go into effect on May 1, 2040. Facilities needed to meet the phosphorus limit by May 1, 2040, must be constructed and placed into operation no later than May 1, 2038.

It is important to note that no NPDES permits for DRSCW members have been issued with the proposed effluent TP limits included. The Illinois Environmental Protection Agency (IEPA) is currently working through comments received from Environmental Action Groups (EAGs) on the Nutrient Implementation Plan (NIP) prior to issuing permits, but it appears that the recommendations of the NIP are likely to be implemented.

After phosphorus, the next nutrient likely to be subject to effluent limitations is nitrogen. The language in other NPDES permits in the state suggests that if a nitrogen limit were to be implemented addressing total nitrogen (TN), a limit of 10 mg/L is within reason. The key takeaway here is that if GWA is going to substantially modify its existing treatment process to remove phosphorus, it would be highly beneficial to implement a process with the flexibility to remove total inorganic nitrogen (TIN) as well.

1.3. Current and Future Capacity Evaluation

The IEPA places a facility on Critical Review whenever the IEPA determines that the organic or hydraulic loading of any facility is greater than 80% of its permitted or designed capacity. Once under Critical Review, a facility is required to begin planning for its next expansion. As part of this Facility Plan, the 2050 capacity of GWA's main WWTF was tabulated utilizing GWA's current influent flow and loading data, as well as using Illinois Recommended Standards for Sewage Works (IRSSW) guidelines for flow and loading per population equivalent (PE). Future flows and loadings were projected based on Chicago Metropolitan Agency for Planning (CMAP) ON to 2050 projections. The results are shown in Table ES 1, and further detail can be found in Sections 3.3 and 3.4.

Table ES 1: GWA 2050 Plant Capacity Calculations

Parameter	Flow (MGD)	5-Day Biochemical Oxygen Demand (BOD5) [ppd]	Total Suspended Solids (TSS) [ppd]
Design Condition	16.02	27,256	32,066
2050 Low Flow Condition (actual per capita flows and loadings)	10.37	13,803	18,580
2050 Loading (% of Design)	65	51	58
2050 Low Flow Condition (IRSSW per capita flows and loadings)	10.60	14,336	18,993
2050 IRSSW Loading (% of Design)	66	53	59

The WWTF is not expected to approach the 80% Critical Review capacity limit for flow or loading in the foreseeable future.

1.4. 2018 Facility Plan Cost Updates

The 2018 Facility Plan identified a program of 12 capital improvements projects that could be completed by GWA. GWA staff, Baxter & Woodman, and Carollo refined that list to five projects that GWA still desires to complete. The 2024 and anticipated construction year Opinions of Probable Construction Cost (OPCC) are tabulated below which include both design and construction engineering costs. The Supplemental Technical Memorandum included as Appendix C details each project to meet the IEPA's facility planning requirements. Appendix C was submitted to IEPA on December 24, 2024, with the goal of obtaining approval prior to March 31, 2025, to make the projects eligible for funding in IEPA fiscal year 2026 and onward.

Table ES 2: GWA Non-BNR Capital Project OPCCs

Capital Project Name	2024 OPCC	Project Year OPCC
Primary Clarifier Rehabilitation*	--	\$5,595,000
Intermediate Clarifier/Intermediate Pumping Station Rehabilitation (2026)	\$4,686,300	\$4,929,866
Final Clarifier Rehabilitation (2026)	\$7,546,550	\$7,933,809
CSO Facility Rehabilitation (2028)	\$13,780,350	\$15,239,441
Primary Sludge Direct Digester Feed (2026)	\$693,750	\$729,554

*Project bid in 2024

1.5. Liquid Treatment Process Improvements

The regulatory drivers for liquid treatment process improvements are the anticipated NPDES permit limit for effluent TP and a hypothetical future effluent TN or total inorganic nitrogen (TIN) limit. The existing two-stage high purity oxygen activated sludge (TSHPOAS) treatment process cannot meet an effluent TP or TN/TIN limit biologically.

Previous nutrient removal studies have looked in detail at converting much of the existing TSHPOAS system into a new treatment process capable of enhanced biological phosphorus removal (EBPR). GWA staff have previously identified the significant challenges associated with attempting to maintain plant operations during construction of a major conversion and requested that this Plan evaluate options to reduce construction sequencing challenges during the liquid treatment process conversion.

Influent special sampling was completed to estimate wastewater fractionation for steady-state biological process modelling. After two rounds of sampling, an abnormally low soluble chemical oxygen demand (sCOD) to total COD ratio was observed, which could pose challenges for achieving robust EBPR. The special sampling campaign is only a snapshot in time, and regular special sampling to confirm the observed fractionation is recommended.

Initially, the Anaerobic/Oxic (A/O), and Anaerobic/Anoxic/Oxic (A2O) processes were considered as viable EBPR treatment configurations. However, the A/O configuration was removed from further consideration

due to its inability to meet a future TN or TIN limit without another subsequent, major capital improvement project. Similarly, the A2O process was eliminated because the addition of the anoxic (denitrification) step increases supplemental carbon demand without a regulatory driver for doing so. Ultimately, the project team settled on an Extended A/O configuration as the most beneficial configuration for EBPR. The Extended A/O configuration is similar to the A2O configuration, but what would be anoxic volume in the A2O configuration is used as additional anaerobic volume in the Extended A/O. The Extended A/O configuration offers the flexibility to convert to an A2O process in the future if a TN or TIN limit is implemented and eliminates the denitrification step, which keeps supplemental carbon usage to a minimum.

Once the Extended A/O configuration was established as the most favorable EBPR configuration, steady-state process modeling was conducted for the 90-day average low-flow condition and the maximum month condition (Appendix B). The results of the process modeling indicated that substantial (>1,400 gallons per day (gpd) during maximum month conditions) supplemental carbon (assumed to be MicroC 2000) would be required to meet the expected effluent TP limit based on the assumed influent carbon fractionation and primary clarifier performance. As such, a lifecycle cost comparison of chemical coagulant precipitation versus EBPR was conducted.

Assuming current unit prices for MicroC 2000, aluminum sulfate (alum), energy, and sludge removal, annual consumable costs were calculated in a stepwise fashion from purely chemical phosphorus removal (0 gpd MicroC 2000 dose) to purely EBPR (~1,100 gpd MicroC 2000 dose). The results are shown in Figure ES 1.

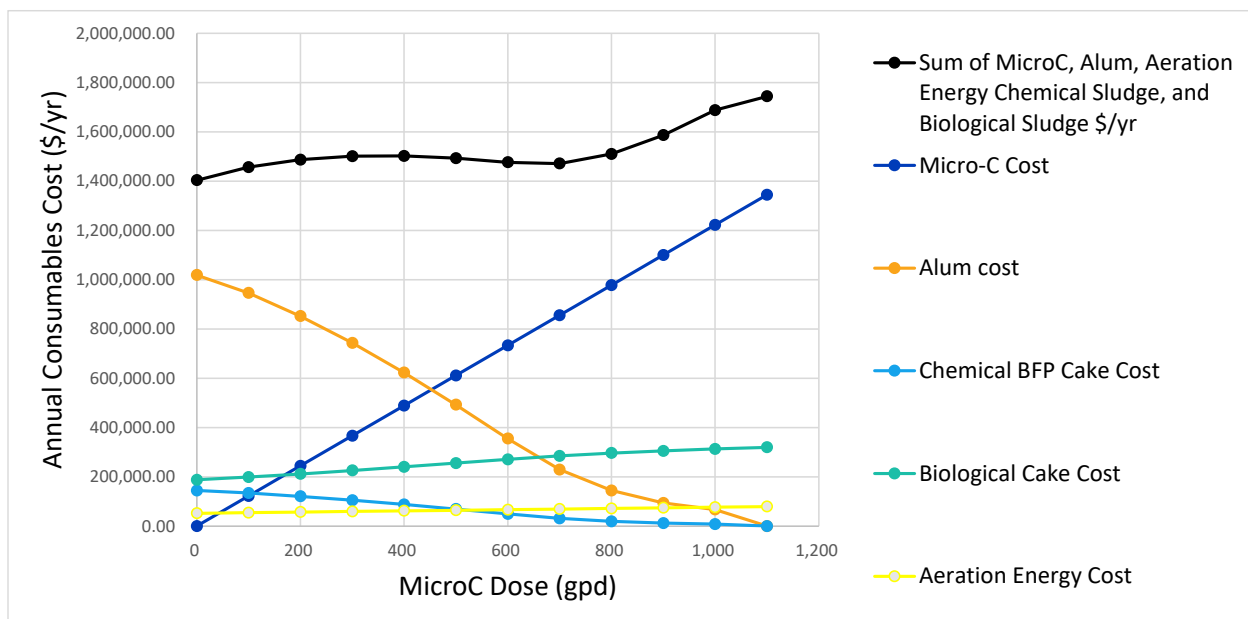


Figure ES 1: Annual Consumable Cost Results Assuming Unit Prices in Table 10

The results indicated that a purely chemical phosphorus removal approach is marginally the most cost-effective solution given the input unit prices. However, consumable costs are extremely similar and equally volatile (within less than 1%) up to approximately 800 gpd of MicroC 2000 addition. An abbreviated sensitivity analysis was conducted holding all other unit prices for consumables constant but increasing the alum price from \$1.40/gallon to \$2.00/gallon. The results are shown in Figure ES 2.

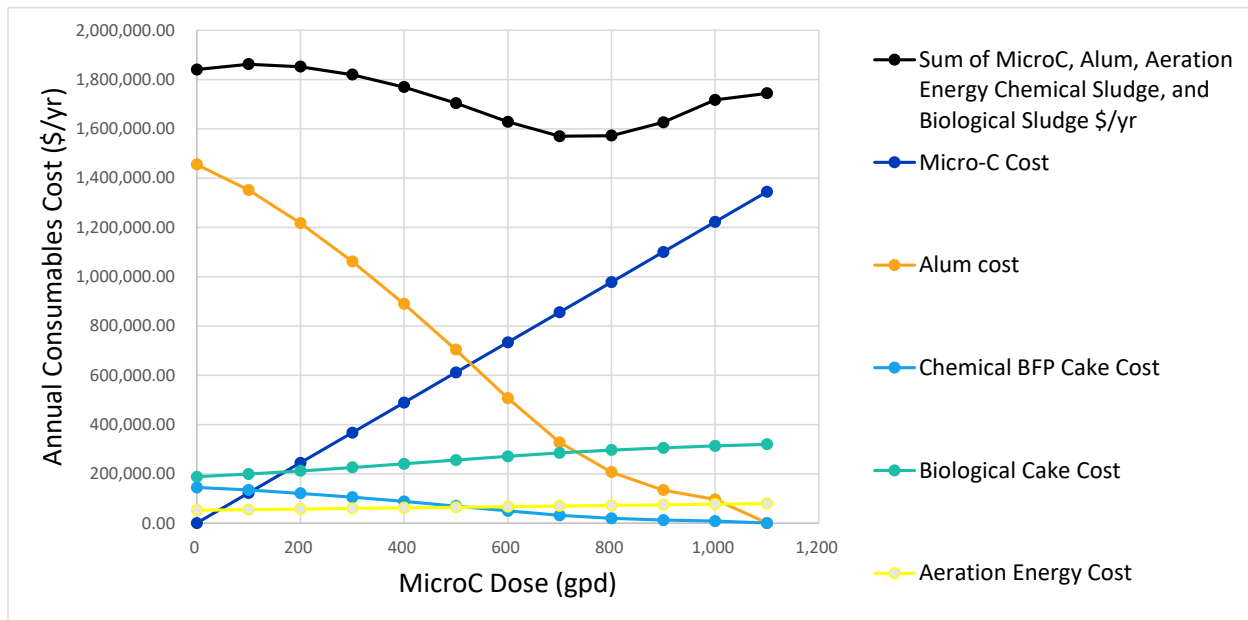


Figure ES 2: Annual Consumable Costs with Alum Increased to \$2/gallon

This analysis demonstrates that even for small increases in alum costs, the most cost-effective solution becomes more heavily reliant on EBPR. It is, of course, impossible to accurately predict changes to unit prices for chemicals between the time of writing of this report and the time that this project will be constructed. Therefore, two principal alternatives were identified for further consideration:

- 1) Rehabilitate the TSHPOAS system and implement only chemical phosphorus removal.
- 2) Construct a new biological treatment process with both supplemental carbon and metal salt polishing chemical feed facilities. This flexibility would allow GWA to determine relative chemical proportions based on current chemical pricing and actual EBPR performance.

Lifecycle costs were evaluated for the two principal alternatives and are described in detail in Section 5.6. The results are summarized in Figure ES 3.

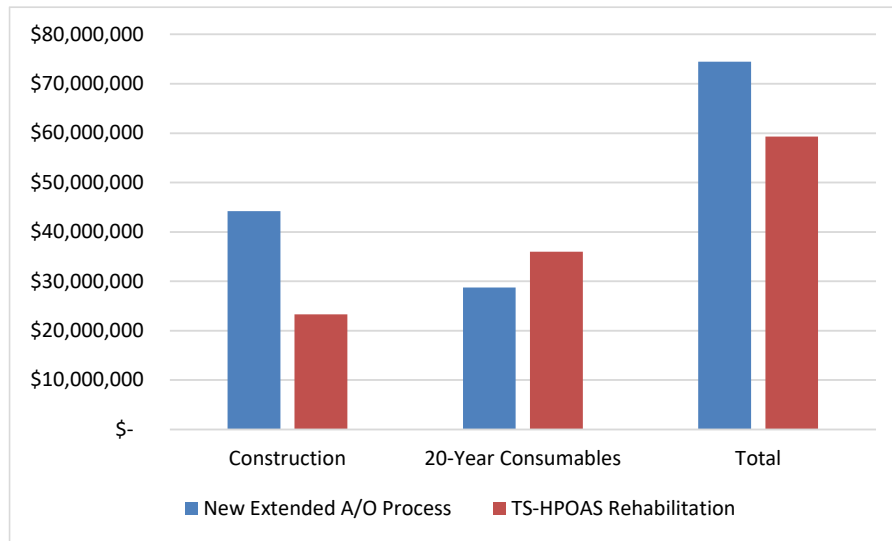


Figure ES 3: Lifecycle Cost Comparison

Clearly, the TSHPOAS rehabilitation has the lower of the two 20-year lifecycle costs. The TSHPOAS lifecycle cost of approximately \$59M is approximately 81% of that for the new extended A/O process. The above figure demonstrates that construction of the new extended A/O process is approximately \$20M more expensive than rehabilitating the existing process, but the 20-year consumable costs are approximately \$7.5M lower.

Next, the capacities of the downstream treatment processes (final clarifiers, anaerobic digesters, and belt filter presses (BFP)) were evaluated at a high-level to ensure that neither the Extended A/O process or TSHPOAS rehabilitation alternatives would require additional unplanned improvements. The capacity of each of the treatment processes appears to be sufficient, regardless of the pursued process alternative.

To comprehensively compare alternatives, GWA staff, together with Baxter & Woodman and Carollo, went through an iterative process to select the criteria upon which the alternatives would be evaluated. The selected criteria are shown in Table 18. A pairwise criteria evaluation was utilized to determine the weights of each criterion as shown in

Figure 11.

The Extended A/O process was compared against the TSHPOAS Rehabilitation, and scores were assigned for each alternative for each criterion. The weighted scores for the two alternatives are shown in Figure ES 4.

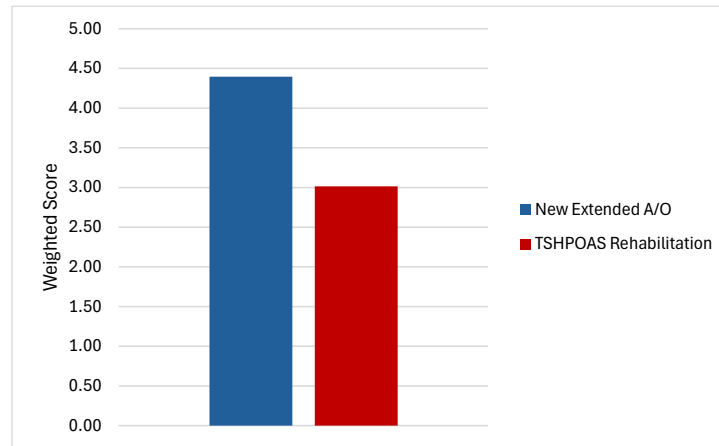


Figure ES 4: Weighted Scoring Summary

It was therefore determined that the Extended A/O process is most favorable with respect to GWA's long-term goals principally because it provides the flexibility to meet a future TN limit, the new process can be constructed with built-in reliability and redundancy, and it provides the ability to balance a hybrid of chemical and biological phosphorus removal. These non-cost factors together outweigh the additional lifecycle costs associated with the construction of the new Extended A/O process.

Although the anticipated effluent TP limit doesn't require compliance until 2040, the 2018 Facility Plan identified that the replacement year for much of the existing TSHPOAS system was around the year 2000. Therefore, although the recommended improvements could be constructed later, it is recommended to initiate the design of the recommended improvements no later than May 2030. GWA should monitor the condition of the existing infrastructure and consider initiating design sooner if critical equipment shows evidence of failure. If GWA intends to purchase additional parcels to accommodate the new liquid treatment process, those efforts should be initiated as soon as possible.

Table ES 3: Schedule for construction of recommended improvements

Task	Compliance-Based Schedule	Recommended Schedule
Begin design	May 2033	May 2030
Complete design and bidding	November 2035	November 2032
Begin construction	December 2035	December 2032
Complete construction	May 2038	May 2035
Comply with effluent TP limit	May 2040	May 2037

1.6. Conclusions and Recommendations

- 1) Perform ongoing special sampling to confirm influent wastewater fractionation for design of future liquid treatment process improvements.
- 2) Rehabilitation of the TSHPOAS system commits GWA to purchasing liquid oxygen in the long term. If liquid oxygen prices increase significantly in the future, GWA's only relief is to reconstruct the previous cryogenic plant, which was recently decommissioned due to the cost of rehabilitation.
 - a. Additionally, if the TSHPOAS system is rehabilitated and a TN limit is enforced, the rehabilitated TSHPOAS system would have no way to meet that limit, and a new liquid treatment process would need to be constructed.
- 3) The Extended A/O process alternative excels in the criteria to which GWA assigned the highest priority: Compliance, Reliability and Redundancy, and Operational Impacts/Flexibility. These non-cost factors offset the additional \$14M in estimated 20-year lifecycle cost in the pairwise criteria evaluation.
- 4) The Extended A/O process should be equipped with chemical feed facilities for both supplemental carbon and chemical coagulant precipitation (mainstream and sidestream). These facilities will provide GWA with the ability to bias their reliance on EBPR or chemical phosphorus removal based on future changes in unit prices of chemicals or changes to quantity/quality of secondary treatment carbon loading.
- 5) The proposed Extended A/O process is recommended to be constructed in two phases:
 - a. New primary effluent pump station, anaerobic and aerobic reactors, blower building, and chemical feed facilities for phosphorus removal, only.
 - b. If a TN limit is implemented, conversion of a portion of the previous TSHPOAS reactors to anaerobic volume, and conversion of the previously constructed anaerobic volume to anoxic (addition of nitrified mixed liquor recirculation pumps).
 - i. A planning level cost opinion for the Phase 2 work is \$3M
 - c. This phased approach limits the construction cost of new infrastructure in Phase 1 to what is required to comply with known effluent permit limits. If a TN limit is imposed, the costs for Phase 2 can be justified at a later date.

SECTION 7.0

AUTHORIZATION TO APPROVE MAINTENANCE CONTRACT FOR CHP'S WITH NISSEN

MEMORANDUM

TO: Matt Streicher, Executive Director

FROM: Michael Kavanaugh, Maintenance Superintendent

DATE: June 16, 2025

RE: **Request for Authorization**
Combined Heat & Power Unit #1 20,000 Hour Service Overhaul



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

Nissen Energy Inc manufactured the CHP's and have supplied parts/service since inception of the CHP generators. A proposal was requested (see attached) by the Authority to Nissen for the service and parts to complete the maintenance.

Due to the proprietary nature of the CHP system, the Authority seeks waiving the competitive bidding process. The approved purchasing policy item *C.1.f.* defines *Standardization purchases*, as "technical in nature of certain items or services may result in the standardization of a particular supplier's specifications being necessary or desirable to Village operations. Competitive bidding may be waived if the Village requires compatibility with existing software, machinery or other existing equipment." **Therefore, it is being requested the EOC authorize the Authority to approve Nissen Energy's proposal and provide notice to proceed for the amount of \$124,516.74.** Nissen Energy is the manufacturer of the CHP generators and guarantees workmanship of the service provided.

Due to staffing vacancies and transitions while the CY2025 budget was being put together, this cost was overlooked, and not properly budgeted for. However, currently, the Authority has unbudgeted revenue of nearly \$100,000 for the selling the renewable energy credits, is trending to earn \$50,000 or more than what was budgeted for in fats oils and grease tripping fees, along with other miscellaneous revenue, and therefore, the Capital budget has sufficient funds to prevent this unbudgeted cost from making negative impacts. Funds will be sourced from budget line item 40-580180. The Technical Advisory Committee has also evaluated this approach and proposal.

Glenbard Wastewater Authority
945 Bemis Rd
60137 Glen Ellyn
USA



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

Budget price no. 28556
Customer no. 100171
Date 20-05-2025

Our reference:
Your reference: Michael E. Kavanaugh

Budget estimate

Product	Description	Qty	Unit	Price	Amount
	Service: Partly overhaul Date: Running hours: 20.000 MAN E3268LE222 Serial number: 80255098035506 -New pistons -New cylinder heads -New conrod bearings -New oil pump and oil cooler -New rocker arms -New oil, air and coolant filter -New spark plugs -New sealings -New coupling element f. generator Hours Transportzone 3 Travel time Travel cost Hotel Per Diem Emission analysis with calibrated equipment Consumption materials	100 4 35 2 10 12 1 5	Hours Pcs. Hours Pcs. Pcs. Pcs. Pcs. Pcs.	155,00 767,89 90,23 3.500,00 233,71 107,74 98,00 24,00	15.500,00 3.071,56 3.158,05 7.000,00 2.337,10 1.292,88 98,00 120,00
108679	Engine repair set	1	Couple	67.022,85	67.022,85

Glenbard Wastewater Authority
945 Bemis Rd
60137 Glen Ellyn
USA



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

Budget price no. 28556
Customer no. 100171
Date 20-05-2025

Our reference:
Your reference: Michael E. Kavanaugh

Budget estimate

Product	Description	Qty	Unit	Price	Amount
101080	Seal ring	8	Pcs.	3,32	26,54
101489	Air filter	1	Pcs.	97,45	97,45
101055	O-ring	16	Pcs.	9,89	158,23
101036	Inhex screw	16	Pcs.	20,83	333,28
108484	Rocker arm assembly E3268	8	Pcs.	522,47	4.179,73
101572	Seal	4	Pcs.	9,89	39,56
101066	O-ring	2	Pcs.	12,95	25,90
101056	O-ring	2	Pcs.	18,36	36,73
101572	Seal	4	Pcs.	9,89	39,56
101840	Gasket	2	Pcs.	45,37	90,73
101564	Gasket, oil cooler	8	Pcs.	7,96	63,68
101273	Gasket	1	Pcs.	170,73	170,73
101064	O-ring	6	Pcs.	18,36	110,18
101070	O-ring	1	Pcs.	74,76	74,76
101073	O-ring	2	Pcs.	7,14	14,28
101577	O-ring	2	Pcs.	15,47	30,95
101387	Extension tube	2	Pcs.	88,55	177,11
101343	Bolt	24	Pcs.	27,01	648,17
101303	Pressure relief valve	2	Pcs.	135,00	270,00
101589	O-ring	2	Pcs.	18,36	36,73
109049	Strainer 32-serie	8	Pcs.	12,86	102,91
108367	Radial shaft seal	1	Pcs.	165,12	165,12
101053	Seal ring	1	Pcs.	11,31	11,31
101360	Spacer bush	4	Pcs.	30,63	122,53
102813	Ball joint 6 mm	1	Pcs.	27,07	27,07
101348	Bolt, external flywheel	10	Pcs.	24,54	245,40

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Delivery address
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Budget price no. 28556
Customer no. 100171
Date 20-05-2025

Our reference:
Your reference: Michael E. Kavanaugh

Budget estimate

Product	Description	Qty	Unit	Price	Amount
101388	Extension tube	2	Pcs.	116,01	232,03
101307	Support tube	2	Pcs.	134,61	269,22
108425	Radial shaft seal	1	Pcs.	206,78	206,78
101348	Bolt, external flywheel	10	Pcs.	24,54	245,40
101331	Gasket, intercooler	2	Pcs.	241,01	482,02
101589	O-ring	1	Pcs.	18,36	18,36
102258	O-ring	4	Pcs.	35,57	142,27
101577	O-ring	1	Pcs.	15,47	15,47
101068	O-ring, intercooler/manifold	4	Pcs.	35,57	142,27
101059	Seal ring	16	Pcs.	13,91	222,60
101071	O-ring	1	Pcs.	45,37	45,37
108858	Bolts Oil pump	14	Pcs.	2,66	37,27
108547	Tætningsring 8 mm	25	Pcs.	1,99	49,63
102057	Hose for coolant liquid	1	Pcs.	483,50	483,50
101589	O-ring	1	Pcs.	18,36	18,36
101488	Cooling water filter	1	Pcs.	31,22	31,22
101059	Seal ring	21	Pcs.	13,91	292,16
102548	Seal ring	1	Pcs.	30,21	30,21
108425	Radial shaft seal	1	Pcs.	206,78	206,78
101053	Seal ring	1	Pcs.	11,31	11,31
Option:					
	Generator overhaul	1	Pcs.	12.000,00	12.000,00
102699	Coupling element	1	Pcs.	2.435,43	2.435,43

Requested delivery date: 19-05-2025
VAT no. Validity date:
Delivery terms:

USD Sum 124.516,74
(0,00 %) VAT
USD total 124.516,74

SECTION 8

**APPROVE MAINTENANCE
CONTRACT WITH
HIDROSTAL, LLC.**

MEMORANDUM

TO: Executive Oversight Committee

FROM: Michael Kavanaugh, Maintenance Superintendent

DATE: June 16, 2025

RE: Hidrostol Low Flow Raw Sewage Pump



GWA Maintenance team along with assistance from Electrical and Operations staff found one of our 2 low flow main raw sewage pumps that are manufactured by Hidrostol North America to have a bearing knock issue and overheating. The Hidrostol service technician was called to verify this and after unable to correct issue on site and pump overheating again, recommended the pump needed to be sent to Hidrostol service shop for repairs and inspection.

Hidrostol North America is the manufacturer and sole certified repair service for this pump locally and headquartered in Aurora Illinois. The pump was sent the service center for inspection and a report and quote were generated. The report confirmed the issue of an overheated pump due to seal wear that allowed the cooling oil to be contaminated and ineffective. The seal wear was confirmed from normal use vibration and no fault of the GWA. This failed seal allowed the oil to pass into the dry chamber where the bearings are and the pump to overheat and thus damaged the Stator windings and insulation for the pump motor requiring a rewinding of the stator. Along with the Stator windings there was additional smaller damage to the upper bearing housing and dampening O-ring section.

Hidrostol is the sole vendor and manufacturer of the parts for the low flow raw sewage pump for our area. The pump inspection was received and accompanied by a quote as requested for repair of the pump. The total quoted amount to complete all repairs of the pump is \$36,740.10

Efforts to find aftermarket service were unsuccessful due to Hidrostol's proprietary patents. The Village of Glen Ellyn's approved purchasing policy defines *Single source purchases* as material or services that are available from only one vendor but are deemed necessary to Village operations may be exempt from bidding requirements. This pump is vital to daily operations and used as a main raw sewage pump to maintain flow through the plant from the wet well and to begin the treatment process. The other Hidrostol low flow pump of same manufacturer and specifications is currently our only pump available, and as such we are currently without redundancy for main raw sewage pumping until this can be repaired. Due to the lack of redundancy and need to get this pump back as soon as possible, emergency approval in a not to exceed amount of \$36,740.10 was given by Village Manager Franz on June 2, 2025.

Therefore, competitive bidding was requested to be waived and emergency approval to provide Hidrostol with a notice to proceed for the pump service totaling \$36,740.10 was sought and granted on June 2, 2025, from Village Manager Franz. Due to the pumps being relatively new still, the Authority negotiated with Hidrostol to lower the cost of the repairs, as this type of failure should not be occurring so soon. After the emergency approval was given in the not to exceed amount of \$36,740.10, the cost of the repairs was lowered to \$24,912.98. In addition, Hidrostol agreed to perform extensive investigations as to why this failure occurred.



Pump Inspection Report

Submersible/Immersible Configuration

Customer	<i>LAI/Glenbard Wastewater Authority</i>
Original Sales Order Number	<i>SO12330</i>
New Sales Order Number	<i>SO29129</i>
Pump Model	<i>I10K-S3R+IETZ6-XYAK+XE1E8MM-50</i>
Serial Number	<i>245417</i>
Facility for Disassembly	<i>Hidrostal North America, Aurora IL</i>
Date of Report	<i>05/14/2025</i>
For the Attention of	<i>Michael Kavanaugh</i>
Report Prepared By	<i>David J. Johnson</i>

Background & Pump History	<i>Original Pump – SO12330 Delivery Date 4/23/2019 Pump ran for 15,000 hours in field Instructed to grease bearings by Hidrostal Technician No other reported maintenance on pump</i>
Symptoms reported	<i>High Temperature Alert & Bearing Noise</i>

Inspection Report

Inspection Findings

The following table gives a brief confirmation of the condition of the pump components during inspection.

#	Component	Results & Condition Report	Fig #
1	Impeller	<i>Vane Edge Slight Wear → Replacement not necessary</i>	8
2	Impeller Flange	<i>Good</i>	
3	Impeller Bolt	<i>Good</i>	
4	Liner / Suction Cover	<i>Mild Scratch Marks → Replacement not necessary</i>	7
5	Liner Adjusting Screws	<i>Good</i>	
6	Wear Ring	<i>Good</i>	
7	Volute	<i>Good</i>	
8	Guide Shoe	<i>N/A</i>	
9	Shims	<i>Good</i>	
10	Back Cover	<i>Good</i>	
11	(Outer / Pump Side) Mechanical Seal*	<i>Good</i>	
12	(Inner / Motor Side) Mechanical Seal*	<i>Good</i>	
13	Seal Plate / Housing	<i>Good</i>	
14	Mech Seal Housing (Outer / Pump Side)	<i>Good</i>	
15	Mech Seal Housing (Inner / Motor Side)	<i>Good</i>	
16	Oil Chamber	<i>Good</i>	2
17	Oil Circulation Impeller	<i>Good</i>	10
18	Oil Tubes	<i>N/A</i>	
19	Cooling Jacket	<i>Good</i>	
20	Shaft/Rotor	<i>Good</i>	8
21	Shaft/Rotor Straightness (T.I.R)	<i>Good → .000</i>	6
22	Upper Bearing*	<i>Bad → Contaminated with oil</i>	6,10
23	Lower Bearings*	<i>Bad → Contaminated with oil</i>	10
24	Bearing Housing (Upper)	<i>Good</i>	3,5
25	Bearing Housing (Lower)	<i>Good</i>	
26	Motor Cover	<i>Good</i>	
27	Stator Casing	<i>Bad → Brittle Insulating Material</i>	4
28	Cap and Cable Assembly	<i>N/A (on site)</i>	
29	Cable Entry Glands	<i>Not supplied with pump</i>	
30	Cables (power)	<i>Not supplied with pump</i>	
31	Cables (control)	<i>Not supplied with pump</i>	
32	Lifting Bail	<i>N/A</i>	
33	Dry Chamber (Float)	<i>N/A</i>	
	External Condition	<i>Moisture probe good</i>	
	Oil Condition	<i>Bad → Contaminated</i>	1
	Electrical Test – Stator	<i>Passed</i>	
	Electrical Test – Cable Set	<i>N/A – not received</i>	
	Seal Chamber Pressure Test	<i>Good → Pressure >= 10PSI</i>	
	Motor Pressure Test	<i>Good → Pressure >= 10PSI</i>	2

Inspection Report

Summary of inspection

The pump was received with no cap and cables attached to the pump assembly (was removed on site by Hidrostal engineer). The oil was drained and found to be contaminated with product (FIG 1). The Air Test passed in the oil chamber, holding greater than, or equal to 10 psi (FIG 2). The stator insulation is very brittle and has tears in the insulation around the winding (FIG 4). Upper bearing housing has light grooves carved into the sidewall of the housing (FIG 5). Upper bearing itself has some fretting on the outer race of the bearing (FIG 6). Liner has shallow grooves along profile (FIG 7). Impeller is missing some material along outside edge (FIG 8). The O-Ring in the upper bearing housing is damaged (FIG 9).

Conclusion

We suspect that the oil has been contaminated by product, likely to have passed the mechanical seals due to vibration/deflection, explaining the contaminated oil. The contaminated oil has then passed through the upper seal into the bearing assembly and the dry chamber. The reported noise from the bearings is likely due to oil contamination in the bearings, which has flushed some grease out of the bearings, up into the dry chamber. This may have caused a change in tone of the bearings. No obvious defects, or knocks noted with the bearings, to explain bearing noise.

The damage to the dampening O-ring in the upper bearing housing and some fretting marks on the bearing are consistent with vibration.

Stator insulation is brittle and crumbles off when touched, likely resultant from stator-winding overheating, over a prolonged period of time.

Recommendations

-Major rebuild kit

-Stator Rewind – The stator winding passed all electrical tests; however, the rewind is necessary due to the physical condition of the winding insulation, which is brittle and crumbling to the touch. We do not recommend using the winding in this condition.

Additional Comments

Inspection Report

FIG 1 – Contaminated Oil



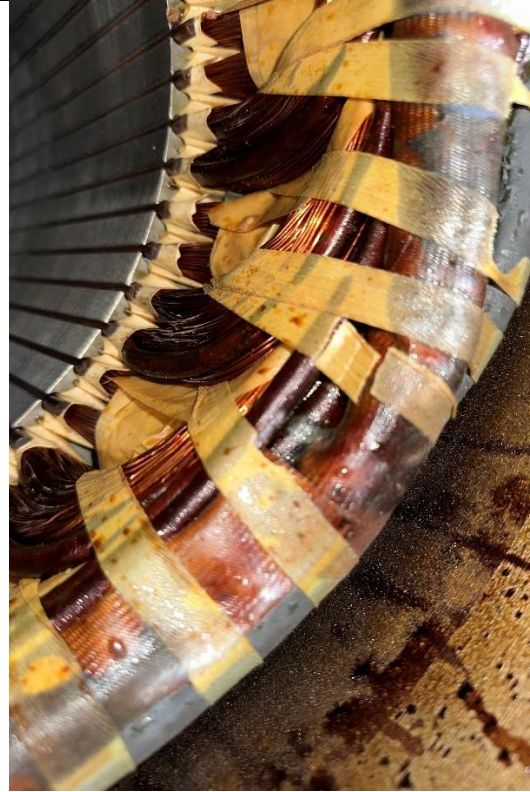
FIG 2 – Pressure Test



FIG 3 – Upper Bearing Housing as Received



FIG 4 – Torn Stator Insulation (brittle)



Inspection Report

FIG 5 – Upper Bearing Housing



FIG 6 – Upper Bearing



FIG 7 – Shallow Grooves in Liner



FIG 8 – Worn Outside Edge of Impeller



Inspection Report

Figure 9 – Damaged O-Ring



FIG 10 – Bearing Set



INVOICING ADDRESS:
GLENBARD WASTEWATER AUTHORITY
648 BERNIS ROAD
GLEN ELLYN IL 60137
UNITED STATES

SHIPPING ADDRESS:
TBD

QUOTATION S029129

QUOTATION DATE:
03/14/2025

EXPIRATION:
05/13/2025

INCOTERM:
PPD - FOB ORIGIN - PREPAID &
INCLUDED

SALESPERSON:
RSM Midwest - Dennis Morrell

CUSTOMER CONTACT
Michael Kavanaugh

QUOTED BY
Mary O'Brien

LINE	DESCRIPTION	QUANTITY	UNIT PRICE	TAXES	AMOUNT
1	Glenbard Wastewater Authority Repair I10K-S3R+IETZ6-XYAK+XE1E8MM-50 S/N 245417 RMA 23213-001 Below are parts that are needed to rebuild and repair the pump.	1.0 Unit(s)	0.0000		\$ 0.00
2	2163614 REBUILD KIT, MAJOR, * WITH UPPER BALL BEARING *, IETT6-X IETZ6-X IETZ8-X LETZ6-X LETZ8-X LETZA-X KIT CONTAINS: MECHANICAL SEALS, BEARINGS, OIL SEALS/V-RINGS, O-RINGS, ROLLED/SPRING RING, COPPER WASHERS, DRAIN/FILL PLUGS, SHAFT SNAP RINGS, BEARING & SEAL WASHERS, LINER CLEARANCE SHIMS INCLUDES ITEM #: 121 (QTY 3), 209 (QTY 1), 411 (QTY 12), 513 (QTY 4), 513 (QTY 1), 515 (QTY 1), 516 (QTY 1), 524 (QTY 1), 525 (QTY 1), 526 (QTY 1), 526 (QTY 1), 527 (QTY 1), 529 (QTY 1), 530 (QTY 1), 536a-e (QTY 1), 536A-E (QTY 1), 536a-e (QTY 3), 536A-E (QTY 3), 545 (QTY 1), 546 (QTY 1), 555 (QTY 1), 559 (QTY 1), 570 (QTY 1), 573 (QTY 1) * WITH UPPER BALL BEARING ONLY * PRICE INCLUDES A 10% DISCOUNT OFF INDIVIDUAL PARTS ESTIMATED WEIGHT OF PARTS: 121.5 LBS	1.0 Unit(s)	12,080.3550		\$ 12,080.36
3	1650647 REWIND STATOR	1.0 Unit(s)	17,780.0000		\$ 17,780.00
4	6427975 WORKSHOP HOURLY LABOR (DURING BUSINESS HOURS)	24.0 Hour(s)	183.7500		\$ 4,410.00
5	5980547 LUBRICANTS-PUMP SIZE 'I' FLUIDS & LUBRICANTS FOR PUMP SIZE - I	1.0 Unit(s)	272.3793		\$ 272.38
6	2843388 HAZARDOUS WASTE DISPOSAL	1.0 Unit(s)	46.5039		\$ 46.50
7	7149763 PUMP REPAIR CONSUMABLES	1.0 Unit(s)	472.5000		\$ 472.50
8	2135211 RE-PAINT PUMP TO STANDARD FINISH (BLUE)	1.0 Unit(s)	630.1200		\$ 630.12
9	PALLET FREIGHT - USA Z1 (2500lbs +)	1.0 Unit(s)	729.2290		\$ 729.23
10	LEAD TIME 5 WEEKS	1.0 Unit(s)	0.0000		\$ 0.00
TO SHIP ALL ITEMS ABOVE FROM OUR SITE IN AURORA, IL.					
SUBJECT TO INVENTORY LEVEL AT TIME OF ORDER.					

11	2647246 THERMISTOR PTC, 140 C	1.0 Unit(s)	10.7603	\$ 10.76
	PROVIDES ELECTRICAL SIGNAL TO CONTROL PANEL AT 140°C			
12	1129096 TEMPERATURE CONTROLLER, BI-METAL, 150 DEGREES	1.0 Unit(s)	26.5736	\$ 26.57
	PROVIDES A PHYSICAL DISCONNECT AT 150°C			
	ONE REQUIRED PER MOTOR			
13	4285880 SOCKET HEAD CAP SCREW M36X170MM TRIMMABLE TO 105MM STAINLESS STEEL 3D-3MN DIN 912	1.0 Unit(s)	281.6801	\$ 281.68
Total				\$ 36,740.10

Hidrostal LLC Terms and Conditions Apply to this Order

Authorization to Proceed with Repairs

From:

Michael Kavanaugh
Maintenance Superintendent
Glenbard Wastewater Authority
mkavanaugh@gbww.org
708-522-8324

6/5/25

To:

Quotation SO29129
Hidrostol North America

8639987 REBUILD KIT, MAJOR, * WITH HYBRID UPPER BALL BEARING *, IETT6-X IETZ6-X IETZ8-X LETZ6-X LETZ8-X LETZA-X KIT CONTAINS: MECHANICAL SEALS, BEARINGS, OIL SEALS/V-RINGS, O-RINGS, ROLLED/SPRING RING, COPPER WASHERS, DRAIN/FILL PLUGS, SHAFT SNAP RINGS, BEARING & SEAL WASHERS, LINER CLEARANCE SHIMS INCLUDES ITEM #: 121 (QTY 3), 209 (QTY 1), 411 (QTY 12), 513 (QTY 4), 513 (QTY 1), 515 (QTY 1), 516 (QTY 1), 524 (QTY 1), 525 (QTY 1), 526 (QTY 1), 526 (QTY 1), 527 (QTY 1), 529 (QTY 1), 530 (QTY 1), 536a-e (QTY 1), 536AE (QTY 1), 536a-e (QTY 3), 536A-E (QTY 3), 545 (QTY 1), 546 (QTY 1), 555 (QTY 1), 559 (QTY 1), 570 (QTY 1), 573	\$7,027.49
1650647 REWIND STATOR	\$11,557.00
6427975 WORKSHOP HOURLY LABOR (DURING BUSINESS HOURS)	\$3,858.75
5980547 LUBRICANTS-PUMP SIZE 'I' FLUIDS & LUBRICANTS FOR PUMP SIZE - I	\$272.38
2843388 HAZARDOUS WASTE DISPOSAL	\$46.50
7149763 PUMP REPAIR CONSUMABLES	\$472.50
2135211 RE-PAINT PUMP TO STANDARD FINISH (BLUE	\$630.12
PALLET FREIGHT - USA Z1 (2500lbs +)	\$729.23
2647246 THERMISTOR PTC, 140 C	\$10.76
1129096 TEMPERATURE CONTROLLER, BI-METAL, 150 DEGREES	\$26.57
4285880 SOCKET HEAD CAP SCREW M36X170MM TRIMMABLE TO 105MM STAINLESS STEEL 3D-3MN DIN 912	\$281.68
Total	\$24,912.98

Signature constitutes authorization to proceed with above total amount repairs

Michael E Kavanaugh
Maintenance Superintendent
Glenbard Wastewater Authority



6/5/25

SECTION 9.0

DISCUSSION

SECTION 9.1

ELECTRIC SUPPLY PROCUREMENT CY2026-CY2029

MEMORANDUM

TO: Executive Oversight Committee

FROM: Matt Streicher, Executive Director

DATE: June 16, 2025

RE: Electric Supply Procurement Update



After being approved to seek procurement of a new electric supply contract at the January 9, 2025 EOC meeting, the Authority, along with its broker, Progressive Energy Solutions, has been aggressively shopping energy supply prices. At the time approval was given by the EOC to procure electric supply, prices being quoted were in excess of \$0.07/kWh, so the Authority was aware that it would be seeing a significant price increase over the existing \$0.03958/kW rate that has been in place since February 2022 with Direct Energy. Typically, “shoulder” seasons, being Spring and Fall, are better times to lock in contracts, as that is a period of time when energy demand is typically lower, which results in lower prices.

Based on market conditions and future predictions, on May 21, 2025 the Authority locked in a new fixed rate of \$0.05943/kWh for three years beginning in February 2026 with Freepoint Energy Solutions. Unfortunately, this new rate is about 50% higher than the existing rate, and the Authority is estimating that this could increase the Operations and Maintenance budget by nearly \$225,000. Although the Authority has historically locked in four year engagements for electric supply, locking in the three year this cycle saved approximately \$0.006/kWh, saving the Authority an estimated \$70,000 a year in energy supply costs.

SECTION 9.2

REGULARLY SCHEDULED EOC COMMITTEE MEETING DATE/TIME CHANGES

SECTION 9.3

NEW STAFF INTRODUCTIONS

SECTION 10.0

OTHER BUSINESS

SECTION 10.1

TECHNICAL ADVISORY COMMITTEE UPDATES

T.A.C. MEETING MINUTES

APRIL 2025



Glenbard Wastewater Authority

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

GWA Technical Advisory Committee (TAC) Meeting Minutes

April 24, 2025 2:00pm

Present: Mr. Buckley, Mr. Goldsmith, Matt Streicher, Ron Dulceak

1. EOC Agenda Items (Standing Agenda Item)

- a. Facility Tour
- b. Facility Plan Presentation

Mr. Streicher noted that there are no items at the moment that need EOC approval, but the Facility Plan presentation is scheduled for June. Depending on availability of Village Trustees, a tour may precede the meeting, and Mr. Streicher extended the invitation to all Village Trustees of both Glen Ellyn and Lombard. Mr. Streicher also noted that due to the schedule of Glen Ellyn's new President, the regularly scheduled EOC meetings may shift to another day.

2. Janitorial Services

- a. 30-day notice to termination of existing vendor
- b. Since remainder of year will be below the \$25k public bidding threshold, we'll simply request quotes from 3 reputable providers
- c. Village of Glen Ellyn Update?

Mr. Streicher explained that the Authority's existing janitorial service has been given a 30-day notification that they will be terminated if services do not improve. To date, they have not, as the contractor appears to be doing nothing. Since additional services would only be required through 2025, GWA will plan on soliciting quotes from 3 reputable contractors, and moving forward with the low quote for the remainder of the year. Mr. Buckley suggested that Mr. Streicher reach out to the Village's Facilities Maintenance Superintendent to discuss next steps for the Village taking over custodial services in CY2026

3. ComEd Missing Fees

- a. Caught up on 2024
- b. Still have not received any bills for 2025

Mr. Streicher mentioned that GWA did receive an invoice for electric supply from Direct Energy for the January 8 – Feb 13, 2025 period, but no ComEd fees were included. Mr. Streicher reached out to GWA's energy consultant to try and determine if the missing fees are due to an error on Direct Energy's side, or if ComEd has not sent them the data. Inquiries to GWA's ComEd rep from Mr. Streicher still have gone unanswered

4. Hiring Updates

- a. Maintenance Mechanic

Mr. Dulceak updated the TAC that both applicants that interviewed for the Maintenance Mechanic today were strong, there was one no-show applicant, and another scheduled interview got moved to next week. Things were looking good so far.

- b. Operator

Mr. Dulceak updated the TAC that 6 interviews had taken place in the past day for this position and there were some promising candidates, and that most likely, 3 of them will be invited back for a second interview.

- c. Environmental Resources Coordinator

Mr. Dulceak updated the TAC that there were 2 applicants that were interviewed, and one will be asked back for a second interview. That applicant was very strong. Mr. Streicher also indicated that he intends to put together a memo justifying that the pay range for this position be increased from a J to a K since now this position have some lab duties incorporated with it. Mr. Buckley emphasized that this position was just raised from an I to a J, so make sure to provide ample justification in the memo.

Protecting the Environment for Tomorrow

- d. Lab staff
 - i. Plan to advertise May

Mr. Streicher updated that TAC that pending formal notification from GWA's existing Lab Coordinator on his retirement date. Verbal notification has already indicated a October date, and since additional training will be required for this position, Mr. Streicher has already put together documentation showing that GWA's personnel budget can absorb hiring somebody to allow for 3-months of cross training.
- 5. Adjacent home appraisal;
 - a. 21W534 Bemis
 - i. Market Value = \$315k
 - ii. No further correspondence
 - iii. Depending on direction from EOC, may need to purchase

No further updates on this, it's remaining on the agenda due to the potential need to purchase it dependent on how the EOC directs proceeding with the future nutrient removal project
- 6. Pretreatment Activity
 - a. Additional Notice of Violation for Overton Gear in Lombard
 - b. Submitted Annual Report to IEPA/USEPA on 4/22

Mr. Streicher noted that Overton had already been issued a notice of violation in June 2024, and that this second violation was related to the same exceedance, so it is relatively minor. It simply needed to be documented so that it was included in the Annual Report being submitted to USEPA. Mr. Goldsmith asked if Lombard's code enforcement was involved, and Mr. Streicher responded that since no fine was issued, it was simply a notice from GWA. If a fine had been involved, Lombard would have had to issue it. Mr. Buckley asked if fines have ever been issued to industries, Mr. Streicher was not aware of any, and stated that the industries are generally compliant and very cooperative since they are regulated by the USEPA, so it's never gotten to the point of having to issue fines. Mr. Streicher is only aware of food service establishments ever being issued fines for non-compliance.
- 7. USEPA Local Limits Study
 - a. Proposed Local Limits approved by USEPA
 - b. Proposed Local Limits out for 30 day public comment period
 - i. Ends May 9
 - c. Will require modification of each Village's Sewer use ordinance

Mr. Streicher stated that USEPA will only formally approve the new local limits once each Village board adopts them. Mr. Streicher will provide the necessary information to each Village to amend the sewer use ordinances once the public comment period is over. Mr. Goldsmith asked where it was publicly posted; Mr. Streicher replied in the Daily Herold, as that's our public requirement.
- 8. IDOT – Rt. 53 Improvements

Mr. Streicher informed the TAC that comments were due back to IDOT on 4/25 for any impacts to GWA's utilities along Rt. 53 for the proposed improvements from the South Entrance to Walmart to the main entrance to the Morton Arboretum.
- 9. NPDES Special Conditions Permit Negotiation updates
 - a. Environmental Action Groups pushing back on 2040 Phosphorus date, and would prefer a 0.1 mg/L permit limit effective upon next permit cycle, but with Variances allowed (financial, feasibility, time limited, etc.).
 - b. IEPA contemplating issuing permits and letting the EAG's sue, then DRSCW counter sue

Mr. Streicher informed the TAC that there has been some backwards movement on the status of the NPDES permit negotiations involving the future Phosphorus limit. If the EAG's end up being successful, GWA wouldn't necessarily have to meet a 0.1 limit, but would have to provide extensive information as to why it could not. Various industry workgroups are pushing IEPA to issue permits and see what happens, as we believe it is unlikely the EAG's will be successful.
- 10. Admin Building Landscaping Project
 - a. Meet City Escape and requested a proposal for design

Mr. Dulceak updated the TAC that the contractor did not think what GWA had budgeted would be enough, and that a large part of the cost would be demolition, but that it will be discussed whether or not that could be done in-house to save on costs. Mr. Buckley offered Village of Glen Ellyn's Forestry Departments assistance.



Glenbard Wastewater Authority

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

11. Old Business

- a. Primary Clarifier Improvements Project Update
 - i. Shop Drawing Review Continues
No Update
- b. Intermediate Clarifier/Pump Station Rehabilitation
 - i. Kickoff meeting April 29
No Update
- c. NRI Rehab Phase II updates
 - i. Work has finally begun (supposedly).
Hoerr begin work today on relining the NRI through Churchill Woods. A Forest Preserve inspector noted some deficiencies in that the contractor was technically going outside of areas agreed upon. However, the inspector was understanding, and simply asked for some minor corrections to be made. Those have been relayed onto the contractor.
- d. NRI Rehab Phase III
 - i. Work began 4/16.
 - ii. Expected to be completed in +/- 2 weeks
National Power Rodding is moving along smoothly with this project.
- e. Spoils at CSO
 - i. Glen Ellyn cleaned off pad on 4/21 – All Lombard
 - ii. Lombard and GWA to monitor new materials being put on pad and to split costs based on agreed splits
The Village of Glen Ellyn cleaned off all the spoils off the pad on Monday, April 21st, and all of those will be invoiced to the Village of Lombard. GWA's project deposited a small amount of spoils shortly afterwards.
- f. Final Clarifier Improvements design
 - i. No Updates
No Updates
- g. Filling in old lagoons
 - i. RFP Development
 - 1. No update
No Updates
- h. Televising bid
 - i. No kickoff scheduled.
No updates
- i. GWA Summons Update
 - i. May be deposing additional GWA staff
Mr. Streicher was deposed on April 3rd and it took nearly 3 hours.
- j. Airgas Safety Issue
 - i. Safety upgrades completed 4/3
 - ii. Anticipated lease rate increase will then take effect
 - 1. Increase of \$300 per month for remainder of lease term (through 2026)
 - 2. Has not been implemented yet, but we were charged ~\$600 for nitrogen gas that was used to install safety improvements
Mr. Streicher indicated that if the lease fee is increased, he will then ask for the \$600 to be credited back, as essentially, the additional lease fee was meant to pay for this project. He has not inquired with Airgas though, as it's more favorable to just simply pay the \$600 rather than increase the lease fee for the remainder of the term.

Protecting the Environment for Tomorrow

- k. Exhibits and language for Village/GWA Connection points at
 - i. Agreement between VOL and VOGÉ for Hill Ave Force Main point of entry
 - ii. Language in IGA's with other entities

T.A.C. MEETING MINUTES

MAY 2025



Glenbard Wastewater Authority

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

GWA Technical Advisory Committee (TAC) Meeting Agenda May 19, 2025 9:00am

1. EOC Agenda Items (Standing Agenda Item)
 - a. Facility Tour
 - b. Facility Plan Presentation.
 - c. 2025 Ford Escape purchase through Sourcewell
 - d. CHP Media
 - e. Direction on property purchase at 21W534 (if needed based off facility plan presentation)
2. Sludge Permit Renewal Application
 - a. Current land application permit expires June 30, 2025
 - b. Needed to continue land application of biosolids
3. Janitorial Services
 - a. Existing contractor terminated 5/14
 - i. 3 quotes obtained for services for remainder of CY25
 1. Low quote \$1,701/month, at 7.5 months = \$12,736.85
 2. Budgeted \$9,500
 - a. ~\$3,500 due to terminated contractor
 - b. Adequate levels remain in O&M to cover remaining ~\$6.8k
 - ii. VOGC Custodial Services
 1. Cost Benefit Analysis attached
 2. “sell” to Lombard/EOC
 3. GWA hire part time custodian?
 - a. Incorporate duties into Plant Laborer’s position and make that position full time?
4. CHP Engine Overhauls
 - a. No overhauls budgeted for in CY2025
 - i. Engine 1 to hit 20k hour interval very soon, 1 month or so (~\$100k)
 - ii. Engine 2 to hit 40k hour interval (end of life?) in fall (~\$145k)
 - iii. Will receive ~\$95k REC check in fall
 - b. Investigating options other than Nissen with cohort of other CHP plants
5. ComEd Missing Fees
 - a. Caught up though mid-March 2025
6. Hidrostat Pump Failure
 - a. 2nd catastrophic failure since being put into operation in 2019
 - b. Unknown repair price
 - c. Potential future Flygt replacement
7. Hiring Updates
 - a. Environmental Resources Coordinator
 - i. Start Date 5/27
 - b. Maintenance Mechanic
 - i. Offer should be made this week
 - c. Operator
 - i. Two offers accepted
 - d. Lab staff
 - i. Advertised week of 5/12
8. VOL Assistance at CSO with asphalt “patching?”
9. Old Business

Protecting the Environment for Tomorrow

- a. Glenbard Firefighter Training Facility @ CSO
 - i. DCEO Grant Application is requesting permission from the property owner (GWA) to complete the project
 - 1. A document that can be provided to DCEO Authorizing the tower to be built on GWA/Lombard Property
 - a. EOC approval?
 - b. VOL Board approval?
 - b. Admin Building Landscaping Project
 - i. Meet City Escape and requested a proposal for design
 - c. USEPA Local Limits Study
 - i. 30 day public comment period ended May 9
 - ii. Most likely wait until new ERC is aboard
 - d. RNG Grant Application
 - i. Project Team (GWA, Wheaton SD, and DuPage County PW) has been awarded a grant to evaluate RNG
 - ii. New Carbon, 3rd party, will complete the evaluation
 - iii. "Phase I" to begin later this summer/fall
 - 1. New Carbon retaining Engineering Firm to do feasibility study
 - e. VOL large diameter sewer work
 - i. Contractor is to clean Lombards structure, where GWA's regulator is at, on a weekly basis.
 - f. Primary Clarifier Improvements Project Update
 - i. Shop Drawing Review Continues
 - g. Intermediate Clarifier/Pump Station Rehabilitation
 - i. Kickoff meeting held, design and information requests in process
 - h. NRI Rehab Phase II updates
 - i. Work will be completed week of 5/19
 - ii. DuPage County Maintenance & Monitoring on wetland area for 3 months
 - 1. Contract out to ERA for that
 - i. NRI Rehab Phase III
 - i. Completed 5/8, waiting for final invoicing
 - j. Spoils at CSO
 - i. Everything currently on pad is GWA's. Photo documentation taken
 - 1. GWA will make one "big" pile out of it.
 - k. Final Clarifier Improvements design
 - i. TAI was onsite 5/13 to collect information for design
 - l. Filling in old lagoons
 - i. RFP Development
 - 1. No update
 - m. Televising bid
 - i. No kickoff scheduled.
 - n. GWA Summons Update – no update
 - i. May be deposing additional GWA staff
10. RESCHEDULE JUNE 19 TAC MEETING
- a. Exhibits and language for Village/GWA Connection points at
 - i. Agreement between VOL and VOG for Hill Ave Force Main point of entry
 - ii. Language in IGA's with other entities

GWA Janitorial Services

Current Contract Costs (new contract as of 5/19/25, not previous terminated contract):

- \$1,707/month at 12 months = \$20,484
- Supplies = \$2,500/year (GWA purchases consumables, not cleaning products/equipment)
- Staff time to manage/perform light work:
 - o Gayle @ \$49.83/hour (including benefits), 2.5 hours/week = \$6,477.90/year
 - o Other staff time: Average rate between 17 FT = \$55.6170. Average 1 hour/week
COMBINED between all staff = \$2,892.09/year
- Total: \$32,354

For CY2026 at 3.5% inflation = \$33,486.40

Proposed VOG Janitorial Services:

- PT Custodian III hired at mid-point of range A @ \$26.3696, x 1,000 hours/year =
\$26,369.60 x 5.62% (IMRF) x \$13k (HEALTHCARE) = \$40,851.60
- GWA to provide supplies and equipment = \$5,000/year
- Facilities Maintenance Superintendent Supervision time 1 hour/week, \$66.0658
(including benefits) = \$3,435.42
- Employee Morale!
- Total: \$49,287

For CY2026 at 3.5% inflation = \$51,012

Glenbard Wastewater Authority Royalty Revenue | \$17.50/MMBtu for EAs

- Below royalty expectations are based on \$17.50/MMBtu for the Environmental Attributes at different biogas production rates
- Royalty Revenue is a % of Gross Revenues and scales with biogas production

WWTP Royalty Revenue		Unit	2027	2028	2029	2030	2031
Pricing is Chicago City Gate Index + \$17.50/MMBtu Environmental Attributes							
165 SCFM							
Biogas Production	Cuft/year		86,724,000	86,724,000	86,724,000	86,724,000	86,724,000
RNG Production	MMBtu/year		51,360	51,360	51,360	51,360	51,360
Gross Revenues	\$ Thousands	\$	1,087	\$ 1,095	\$ 1,099	\$ 1,104	\$ 1,117
WWTP Royalty Revenues @ 5%	\$ Thousands	\$	54	\$ 55	\$ 55	\$ 55	\$ 56
WWTP Royalty per RNG MMBtu	\$/MMBtu	\$	1.06	\$ 1.07	\$ 1.07	\$ 1.07	\$ 1.09
200 SCFM							
Biogas Production	Cuft/year		105,120,000	105,120,000	105,120,000	105,120,000	105,120,000
RNG Production	MMBtu/year		62,255	62,255	62,255	62,255	62,255
Gross Revenues	\$ Thousands	\$	1,317	\$ 1,327	\$ 1,332	\$ 1,338	\$ 1,354
WWTP Royalty Revenues @ 10%	\$ Thousands	\$	132	\$ 133	\$ 133	\$ 134	\$ 135
WWTP Royalty per RNG MMBtu	\$/MMBtu	\$	2.12	\$ 2.13	\$ 2.14	\$ 2.15	\$ 2.18
250 SCFM							
Biogas Production	Cuft/year		131,400,000	131,400,000	131,400,000	131,400,000	131,400,000
RNG Production	MMBtu/year		77,818	77,818	77,818	77,818	77,818
Gross Revenues	\$ Thousands	\$	1,647	\$ 1,658	\$ 1,665	\$ 1,672	\$ 1,692
WWTP Royalty Revenues @ 15%	\$ Thousands	\$	247	\$ 249	\$ 250	\$ 251	\$ 254
WWTP Royalty per RNG MMBtu	\$/MMBtu	\$	3.17	\$ 3.20	\$ 3.21	\$ 3.22	\$ 3.26
300 SCFM							
Biogas Production	Cuft/year		157,680,000	157,680,000	157,680,000	157,680,000	157,680,000
RNG Production	MMBtu/year		93,382	93,382	93,382	93,382	93,382
Gross Revenues	\$ Thousands	\$	1,976	\$ 1,990	\$ 1,998	\$ 2,007	\$ 2,031
WWTP Royalty Revenues @ 20%	\$ Thousands	\$	395	\$ 398	\$ 400	\$ 401	\$ 406
WWTP Royalty per RNG MMBtu	\$/MMBtu	\$	4.23	\$ 4.26	\$ 4.28	\$ 4.30	\$ 4.35

Glenbard Wastewater Authority Royalty Revenue | \$20.00/MMBtu for EAs

- Below royalty expectations are based on \$20.00/MMBtu for the Environmental Attributes at different biogas production rates
- Royalty Revenue is a % of Gross Revenues and scales with biogas production

WWTP Royalty Revenue		Unit	2027	2028	2029	2030	2031
Pricing is Chicago City Gate Index + \$20.00/MMBtu Environmental Attributes							
165 SCFM							
Biogas Production	Cuft/year		86,724,000	86,724,000	86,724,000	86,724,000	86,724,000
RNG Production	MMBtu/year		51,360	51,360	51,360	51,360	51,360
Gross Revenues	\$ Thousands	\$	1,215	1,223	1,227	1,232	1,245
WWTP Royalty Revenues @ 5%	\$ Thousands	\$	61	61	61	62	62
WWTP Royalty per RNG MMBtu	\$/MMBtu	\$	1.18	1.19	1.20	1.20	1.21
200 SCFM							
Biogas Production	Cuft/year		105,120,000	105,120,000	105,120,000	105,120,000	105,120,000
RNG Production	MMBtu/year		62,255	62,255	62,255	62,255	62,255
Gross Revenues	\$ Thousands	\$	1,473	1,482	1,488	1,493	1,510
WWTP Royalty Revenues @ 10%	\$ Thousands	\$	147	148	149	149	151
WWTP Royalty per RNG MMBtu	\$/MMBtu	\$	2.37	2.38	2.39	2.40	2.43
250 SCFM							
Biogas Production	Cuft/year		131,400,000	131,400,000	131,400,000	131,400,000	131,400,000
RNG Production	MMBtu/year		77,818	77,818	77,818	77,818	77,818
Gross Revenues	\$ Thousands	\$	1,841	1,853	1,860	1,867	1,887
WWTP Royalty Revenues @ 15%	\$ Thousands	\$	276	278	279	280	283
WWTP Royalty per RNG MMBtu	\$/MMBtu	\$	3.55	3.57	3.59	3.60	3.64
300 SCFM							
Biogas Production	Cuft/year		157,680,000	157,680,000	157,680,000	157,680,000	157,680,000
RNG Production	MMBtu/year		93,382	93,382	93,382	93,382	93,382
Gross Revenues	\$ Thousands	\$	2,209	2,224	2,232	2,240	2,264
WWTP Royalty Revenues @ 20%	\$ Thousands	\$	442	445	446	448	453
WWTP Royalty per RNG MMBtu	\$/MMBtu	\$	4.73	4.76	4.78	4.80	4.85

SECTION 10.2

NEW CARBON/RENEWABLE NATURAL GAS GRANT



Media Contact

NewCarbon Communications
media@newcarbon.energy

Illinois Governor JB Pritzker Selects NewCarbon to Receive Funding to Help Decarbonize DuPage County

Chicago, IL (June 11, 2025) – We are honored to announce that Governor JB Pritzker and the Illinois Department of Commerce and Economic Opportunity (DCEO) have selected NewCarbon to receive funding to advance the development of renewable natural gas (RNG) projects at three wastewater treatment plants (WWTPs) in DuPage County.

Our projects will capture methane gas generated by anaerobic digesters at the WWTPs, clean and upgrade it into pipeline-quality RNG, and inject it into a nearby natural gas pipeline, allowing it to be distributed and used just like conventional natural gas while reducing greenhouse gas emissions and turning waste into a valuable, locally produced energy resource.

NewCarbon has teamed up with DuPage County Public Works, Glenbard Wastewater Authority, and Wheaton Sanitary District, whose WWTPs are either in or serve Equity Investment Eligible Communities (EIECs), to develop the RNG projects. Through Governor Pritzker's landmark Climate and Equitable Jobs Act (CEJA), Illinois is taking a leading role in equitably growing the clean energy workforce by supporting renewable energy projects in historically underserved communities. Our projects demonstrate how CEJA is driving meaningful progress – creating jobs, strengthening energy independence through locally produced clean fuels, and fostering healthier, more resilient communities.

“As a DuPage County resident and founder of a DuPage-based company, I’m incredibly proud that NewCarbon has been selected for this transformative opportunity,” said Omar Khayum, CEO of NewCarbon. “As the only clean energy infrastructure company delivering lifecycle carbon intensity reduction for industrial, agricultural, and municipal organizations in the Midwest, we’re proving that climate innovation can start locally and scale regionally – creating jobs, cutting emissions, and building a more resilient energy future right here in our own backyard.”

“DuPage County is committed to advancing sustainability and equity, and this collaboration with NewCarbon exemplifies that mission. These projects will reduce emissions, support workforce development, and bring tangible benefits to communities that



have historically been underserved. We're proud to support this local innovation," said Deborah Conroy, Chair of the DuPage County Board

"Working with NewCarbon allows us to explore a forward-thinking solution to reduce greenhouse gas emissions from our facility. This project aligns with our long-term goals of environmental stewardship and operational efficiency, and we're excited to see how it can benefit the communities we serve," said Matt Streicher, Executive Director of Glenbard Wastewater Authority.

"This initiative is a win for both the environment and our residents. By capturing and upgrading biogas into renewable natural gas, we're not only reducing emissions but also creating a new revenue stream that can help stabilize utility costs. We're proud to be part of this effort," said Matt Larson, Executive Director of Wheaton Sanitary District.

Read the full announcement from Illinois Governor JB Pritzker here:

[Governor Pritzker Awards 27 Equitable Energy Future Grants](#)

#

About NewCarbon

NewCarbon is a clean energy infrastructure company who develops, owns and operates infrastructure that delivers lifecycle carbon intensity reduction for industrial, agricultural and municipal organizations in the Midwest. NewCarbon's turnkey infrastructure process makes it easier for you to reduce lifecycle carbon intensity so your organization can remain focused on what it does best. We aim to realize superior equity returns over traditional clean energy platforms by unlocking value-based pricing and revenue models. We see no greater opportunity and time than now to satisfy customer needs, generate superior investor returns and build tight-knit, high-performing teams.

SECTION 10.3

OTHER BUSINESS

SECTION 11.0

NEXT EOC MEETING

JULY 2025

**DATE TO BE
DETERMINED AT JUNE
MEETING**

AT 8:00 A.M.