GLENBARD WASTEWATER AUTHORITY
Executive Oversight Committee
Agenda
November 19, 2026
4:45 p.m.
535 E. Wilson Ave
Lombard, IL

1. Call to Order

2. Pledge of Allegiance

3. Roll Call

4. Public Comment

5. Consent Agenda – The following items are routine by the Executive Oversight Committee and will be approved with a single vote in the form listed below:

   Motion the EOC to approve the following items including Payroll and Vouchers for the month of October 2026 in the amount of $1,576,420.37 (*Trustee Christiansen*).

   5.1 Executive Oversight Committee Meeting Minutes:
   October 12, 2026, EOC Meeting

   5.2 Vouchers and Payroll Previously Reviewed:
   Month of October 2026 – Trustee Christiansen

   5.3 Request a motion to waive public bidding and approve purchase of three Greenheck Make-Up Air Units from Brucker for $46,790 *pending approval of the CY2027 Budget*

   The Authority has a total of 14 Greenheck Make-Up Air Units (MAU's) throughout plant site that operates 24x7 and provides the required air changes per hour and heat the incoming air during the winter months that provide climate control and required air changes in buildings per safety requirements. Three of the units are scheduled to be replaced in CY2027, one serving the Primary Diversion Structure, and two serving the Anaerobic Digester Pump Rooms. These units have been in service since 2012 & 2009 respectively and are in need of replacement.

   Due to the need to replace in kind to maintain consistency, redundancy of spare parts, and allow in-house installation, the Authority is seeking to waive public bidding based on standardization of purchases. However, competitive quotes were sought for the specific units from three different vendors.

   These replacements are budgeted and scheduled for replacement in CY2027, however, the Authority was made aware that there will be a 4.5% price increase as

of December 7th, 2026. With the lead time being 7-8 weeks, if the Authority places the order in late November, the invoice will not be received until after the new fiscal year starts, and therefore, applicable towards the CY2027 budget.

The Authority seeks a motion to waive public bidding and approve purchase of three Greenheck Make-Up Air Units from Brucker for $46,790 pending approval of the CY2027 Budget.

5.4 Request a motion to approve purchase of hydrogen sulfide (H2S) and siloxane gas scrubbing media for the combined heat and power (CHP) system from Unison Solutions in the amount of $61,693.00

In order to run the CHP engines off biogas, the H2S and the siloxanes must be scrubbed from the gas. To accomplish this, Unison Solutions has manufactured a gas conditioning system that relies on a combination of H2S and siloxane removal media. Over time, the media becomes inundated with impurities and can damage the engines if the media is not replaced.

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 requires 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.

Therefore, the Authority seeks a motion to waive competitive bidding and approve the purchase of H2S removal media and Siloxane removal media, along with recommended vessel gaskets, from Unison Solutions for the quoted price of $61,693.00.

In the approved CY2026 budget, staff allocated $90,000 for the purchase of this media in budget category Plant Equipment Rehabilitation account 40-580150. To date, $64,488.00 remains in this account, which is below the requested approval amount.

5.5 Request a motion to waive competitive bidding and retroactively approve the purchase of a Zorn Compressor Skid from Zorn Compressor and Equipment in the amount of $72,821.28.

The Authority uses a compressed air skid to control air actuated valves for the biological treatment process. This Compressor skid is vital to permit compliance of the treatment process to ensure proper function of the air actuated control valves in the plant aeration tanks. Currently the Authority uses two compressor sets to control treatment process by operating one of the two compressors at a time. Both are essential to plant operations as this unit must be working and running around the clock for 24 hours a day. Recently, the redundant unit has been deemed nonfunctional and would create a fire hazard if used in its current condition.

Therefore, staff requested a quote for a new compressor skid that would match the existing functional skid. This would create the needed redundancy to prevent any failures that could impact process operations and treatment. This will also help with savings in parts and shelf stock as both units would use the same parts and we would be able to carry less shelf stock. While a new unit is more than the overhaul repairs of the old unit it will create better long term fiscal savings due to lower parts and maintenance costs going forward.

Due to the need to move forward with the fabrication of this skid as soon as possible, emergency authorization was given by Village Manager Franz on November 11th, 2026, and therefore, the Authority is seeking retroactive approval of this item.

Therefore, the Authority seeks a motion to waive competitive bidding and retroactively approve the purchase of a Zorn Air Compressor for $72,821.28 from Zorn Compressor and Equipment, Inc.

5.6 Request a motion to retroactively approve the emergency authorization to amend the contract with Stewart Spreading for the heavy cleaning of the Combined Sewer Outfall Facility Primary Clarifiers for an additional not to exceed amount of $60,000

The Authority's Combined Sewer Outfall facility consists of preliminary treatment, grit removal, primary treatment, and disinfection when the plant is operated due to wet weather flows. The primary treatment system consists of two circular "clarifiers" where the entering water is slowed down to allow for solids to settle on the bottom, while "clean" water overflows the weirs on the circumference of the clarifier. While in operation, sweeps scour the bottom of the tank to prevent the solids from accumulating on the bottom of the tank, moving them to the center of the tank where they are eventually pushed down a drain that takes them back to the Authority's main treatment facility.

In January 2026, the Executive Oversight Committee approved awarding Stewart Spreading a not-to-exceed amount of $63,000 to perform heavy cleaning on the North Clarifier, as the sweeping mechanisms had not been functioning properly, allowing heavy solids to build up in the tank. Over the winter of 2026, the sweeping mechanisms on the South Clarifier also failed, allowing heavy solids to build up in that tank. Upon Steward Spreading starting the work on the North Clarifier this fall, it was determined it would be an ideal time to address the solids buildup on the South Clarifier at that time as well.

Therefore, to avoid paying multiple times for mobilization, emergency authorization was given by Manager Franz on October 29th, 2026 to amend the contract with Stewart Spreading for an additional $60,000, resulting in a total not-to-exceed amount of $123,000, to proceed with cleaning the South Clarifier as well.

The Authority seeks a motion to retroactively approve the emergency authorization to amend the contract with Stewart Spreading for the heavy cleaning of the Combined Sewer Outfall Facility Primary Clarifiers for an additional not to exceed amount of $60,000.

6. Request a motion to approve the agreement with General Energy Corporation for the installation of a "back of the meter" battery storage unit in the amount of $4,093,900.

A Behind-the-Meter Battery Energy Storage System allows an organization to store electricity and strategically discharge that energy when it provides the greatest operational or financial benefit. Unlike traditional energy procurement strategies, battery storage provides the ability to actively manage electricity demand and reduce reliance on the electrical grid during periods of peak consumption. Some of the benefits of a battery storage system include reduction in electricity demand charges energy cost management, operational, improved energy management, and long-term financial planning. A battery storage system also provides an opportunity to reduce exposure to increasing electricity costs and improve predictability in managing energy expenses.

On October 12th, 2026, the Authority released a competitive request for qualifications and proposals for the installation of a 1-megawatt battery storage system and a 10-kilowatt solar array. The purpose of including the small solar array is to gain better incentives making the overall return on investment for the project better. The Authority expects the solar installation will cost roughly an additional $30,000 to the project, whereas it will gain roughly $300,000 in incentives.

After receiving the proposals on the November 6th, due date, the results are as follows:
- General Energy: $4.09M system cost, $485K net, Year 4 payback, $2.68M over 15 years
- Verde: $4.15M system cost, $1.17M net, Year 7 payback, $2.0M over 15 years
- GRP Wegman: $4.40M system cost, $1.33M net, Year 8 payback, $1.8M over 15 years
- Mars: $5.01M system cost, $1.69M net, Year 9 payback, $1.5M over 15 years.

While this project was not specifically budgeted for in the draft CY2027 budget, it's estimated that at least 87% of the cost will be recovered within the first year due to incentive and grant payouts, with the entire return on the investment being achieved after less than 4 years, and a net positive generation of just under $3M within the first 15 years. After performing analysis and inputting costs/revenue into the capital plan it was determined that the Authority's available capital cash available can easily sustain the brief expenditure on funds before the return on the investment is achieved. Further analysis can be completed with the Village of Glen Ellyn's Finance Director before proceeding further.

The Authority seeks a motion for EOC to authorize the approval to enter into an agreement with General Energy Corporate in the amount of $4,093,900 for the development and installation of a behind the meter battery storage system. This project will be funded from 40-580180, Capital Improvements.

7. Discussion

    7.1 Pending EOC Action Items

        7.1.1 Annual approvals of agreement renewals for the purpose of obtaining purchase orders (all consent agenda items).

8. Other Business

    8.1 Technical Advisory Committee Minutes

    8.2 Other items

9. ***Next EOC Meeting*** –Next regularly scheduled EOC Meeting on ***Monday, January 7, 2027, at 8:00 a.m.***