

GLENBARD WASTEWATER AUTHORITY
Executive Oversight Committee
Agenda

April 14, 2022

8:00 a.m.

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

1. Call to Order
2. Pledge of Allegiance
3. Roll Call
4. Public Comment
5. Staffing Update
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 part of the month of February 2022 and March 2022 \$2,156,271.43 (Trustee Christiansen).

- 6.1 Executive Oversight Committee Meeting Minutes:
February 10, 2022 EOC Meeting
- 6.2 Vouchers Previously Reviewed:
February 2022 – Trustee Christiansen
March 2022 – Trustee Christiansen
- 6.3 Approval to purchase CHP Media

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

In the 2021 GWA budget, staff allocated \$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.

Therefore, we motion the EOC to authorize approval to purchase CHP media from Unison Solutions in the amount of \$24,498.00. This has been discussed with the TAC, and all are in agreement with the recommendation.

7. Request to Authorization to Approve Proposal for National Pollutant Discharge Elimination System (NPDES) Permit Special Condition Assistance

In early 2022 the Authority received its renewed NPDES Permit's for both the main plant and the Combined Sewer Outfall (CSO) plant. The NPDES permits are mandated at a federal level by the United States Environmental Protection Agency, who delegates authority to the Illinois Environmental Protection Agency (IEPA). These permits essentially dictate the operation of the Authority, by setting pollutant removal requirements, water quality standards, operating requirements, special condition projects, and other various requirements.

Traditionally, these permits are renewed every 5 years, at which time the IEPA (through the USEPA) may impose new permit requirements or special conditions. The Authority's previous permits had expired August 31, 2020. Many of the special conditions were being negotiated over the two years it took to issue the new permit. Although most of the pollutant removal requirements and water quality standards have not changed in the new permits, many of the special conditions require studies, evaluations, or other written reports to be completed each permit cycle. In addition, several new requirements in the special conditions have been added.

Although many of the special condition requirements will be completed in-house by Authority staff, due to both the complexity and the volume of work to complete several of the requirements, Authority staff will need assistance from a consulting engineer familiar with the NPDES process.

There are three major components of this project; the local limits evaluation, the Capacity, Management, Operations, and Maintenance (CMOM), and the Combined Sewer Outfall Plan Updates. The CMOM Plan and CSO Plans will begin immediately and are due back to the IEPA at the beginning of the 2023. Those two components (total of \$19,400) will be charged to CY2022's budget Fund 270-520816, which has \$20,000 budgeted currently. The local limits evaluation (\$24,000) will begin in 2023, and will be charged to CY2023's budget Fund 270-530107 (once approved by the EOC).

Therefore, it is recommended that the EOC allow waiving of the RFP process for selecting a consultant, and authorize the Authority to award Baxter & Woodman, Inc. the contract for the National Pollutant Discharge Elimination System (NPDES) Permit Special Condition Assistance in the amount not to exceed \$43,400. This has been discussed with the TAC, and all are in agreement with the recommendation.

- 8. Discussion
 - 8.1 Capital Improvement Projects Update
 - 8.2 Fire Monitoring Panel Future Approval Discussion

Siemens Fire Monitoring System located throughout the Authority’s buildings and remote sites has reached the end of its useful service life, and many parts/repairs are becoming obsolete. Parts of the system were replaced during the 2021 Biosolids Dewatering Improvements Project, as the building permit issuance was reliant on the system being brought up to standards, however, the remainder of the plant and remote sites still need to be upgraded to current technology. A quote was obtained in 2021 for this work, coming in at \$235,365.87. Therefore, that amount was inserted into the approved CY2022 budget. Since some of the work was completed with the Biosolids project, a new quote was requested, however, it has not been received. As this purchase is for a highly specialized piece of equipment, I am requesting to waive competitive bidding for this purchase based on Section C.1.f of the purchasing policy, which waives competitive bidding for “Standardization purchases, defined as technical nature of certain items or services may result in the standardization of a particular supplier’s specifications being necessary or desirable to Village operations. Competitive bidding may be waived if the Village requires compatibility with existing software, machinery, or other existing equipment.” This item has been discussed with the TAC during a meeting in 2021.

The intent of this discussion is to make the EOC aware of the future request for approval, in event timing between EOC meetings becomes a hindering issue.

- 9. Other Business
 - 9.1 Technical Advisory Committee Updates
- 10. ***Next EOC Meeting*** – The next regularly scheduled EOC Meeting is set for ***Thursday, May 12, 2022 at 8:00 a.m.***