

GLENBARD WASTEWATER AUTHORITY
Executive Oversight Committee
Minutes
February 9, 2017
Meeting held at the Glenbard Wastewater Plant
21 W 551 Bemis Rd, Glen Ellyn, IL

Members Present:

Alex Demos	President, Village of Glen Ellyn
Keith Giagnorio	President, Village of Lombard
Dean Clark	Trustee, Village of Glen Ellyn
Mike Fugiel	Trustee, Village of Lombard
Christina Coyle	Finance Director, Village of Glen Ellyn
Tim Sexton	Finance Director, Village of Lombard
Julius Hansen	Public Works Director, Village of Glen Ellyn
Carl Goldsmith	Public Works Director, Village of Lombard

Others Present:

Erik Lanphier	Executive Director, GWA
Matthew Streicher	Engineer/Assistant Director, GWA
Rick Freeman	Electrical Superintendent, GWA
Jay Dahlberg	Maintenance Superintendent, GWA
David Goodalis	Operations Superintendent, GWA
Laurie Frieders	Environmental Resources Coordinator, GWA
Gayle Lendabarker	Administrative Secretary, GWA
Derek Wold	Baxter & Woodman
Diane McGinley	Trustee, Village of Glen Ellyn

1. Call to Order at 7:33 a.m.
2. Roll Call: President Giagnorio, President Demos, Trustee Fugiel, Trustee Clark, Mr. Sexton, Ms. Coyle, Mr. Goldsmith and Mr. Hansen answered "Present". Mr. Niehaus and Mr. Franz were excused.
3. Pledge of Allegiance
4. Public Comment
5. Consent Agenda - The following items are considered to be routine by the Executive Oversight Committee and will be approved with a single vote in the form listed below:

Motion the EOC to approve the following items including Payroll and Vouchers for the months of January 2017 totaling \$888,335.08. (Trustee Clark)

Mr. Clark motioned and Mr. Giagnorio seconded the *MOTION that the following items on the Consent Agenda be approved. President Giagnorio, President Demos, Mr. Fugiel, Mr. Clark, Ms. Coyle, Mr. Sexton, Mr. Franz, Mr. Goldsmith, and Mr. Hansen responded “Aye” during a roll vote. The motion carried.*

- 5.1 Executive Oversight Committee Meeting Minutes:
 - January 12, 2017 EOC Meeting
- 5.2 Vouchers previously reviewed by Trustee Clark
 - January 2017
- 5.3 Replacement Welders and New Welder Purchase Request

The 2017 budget under Capital Fund 40 – Rolling Stock Vehicle and Equipment Replacement, contained two line items:

- * UNIT 620, a 1993 Miller Shopmaster 300 welding generator (TIG)
- * UNIT 606, new MIG welder

The Maintenance Department obtained three competitive quotes for the purchase of these welders. Upon receipt of the above pricing, the Maintenance Department reviewed the Vehicle and Equipment Replacement schedule and sought pricing to replace:

Unit 618, a 2003 Miller Trailblazer 301G which is mounted to the crane truck.

The projected replacement for Unit 618 is shown as “on Hold” in the 2017 Vehicle and Equipment Replacement schedule. Due to the pricing received for the budgeted items, it was observed we could possibly replace a 17-year old welder with a newer model.

The total cost to replace the two existing welders (Units 620 and 618), and purchase the new MIG welder (Unit 606) from Airgas in the amount of \$19,215.11, invoiced to Capital Fund 40 Account #40-570155 Rolling Stock. If this request is approved, the Vehicle and Equipment replacement schedule will be updated accordingly.

Mr. Lanphier noted one change to the Minutes from the January 12, 2017 meeting in the list of those present, Legal Counsel for Glenbard Wastewater Authority is Greg Dose not Erik Dose.

6. Biological Phosphorus Detailed Feasibility Study Request for Approval

with the Detailed Feasibility Study to convert to biological phosphorus removal at the Glenbard Wastewater Authority Executive Oversight Committee (EOC) meeting. The addendum provided for this follow-up request provides several clarifications to the technical memorandum, as requested by the EOC.

Annual Costs of Chemical Phosphorus Removal reflects the annual costs for treatment to an effluent total phosphorus limit of 1.0 mg/L instead of 0.5 mg/L, as presented in the 2013 Facility Planning Report.

Activated Sludge Improvements have been amended to reflect compliance with a total phosphorus effluent limit of 1.0 mg/L. This has been updated as it is the most likely scenario per current communications from the IEPA.

Project Funding Alternatives has been amended to reflect a status quo of using delivered liquid oxygen in lieu of the cryogenic facilities. This included removing capital cost avoidances related to the cryogenic facilities and updating annual savings to reflect purchased chemicals instead of power costs from the cryogenic system. Furthermore, the cost of chemical use, as presented in the 2013 Facility Planning Report, were modified to reflect a limit of 1.0 mg/L instead of 0.5 mg/L.

The EOC also requested a comment on why the proposed process is superior to other methods for biological phosphorus removal. Financially, a side-stream phosphorus removal process is the most effective process because it allows the ability to reuse existing tank space. Moving the heart of the nutrient removal process out of the existing activated sludge space preserves the integrity of the nitrification capacity. Other processes like Anaerobic-Oxic (A/O) and Anaerobic-Anoxic-Oxic (A²/O) may be equally effective as a side-stream phosphorus removal process; however, they would require construction of new tanks to accommodate the process change.

The Authority would like to request the EOC approve the tabled January 12th “Detailed Biological Phosphorus Feasibility Study” in order to proceed with answering the lingering detailed questions pertaining to the technical, feasible and financial benefits as identified.

Motion the EOC to waive competitive bidding for Professional Service Per Administrative Order No. 3 Section C (1a) and to award Baxter & Woodman the Detailed Biological Phosphorus Feasibility Study in the amount of \$95,000 to be invoiced to the Capital Account 40 Biological Phosphorus Removal Engineering.

Mr. Goldsmith motioned and Mr. Clark seconded the MOTION to waive competitive bidding for Professional Service Per Administrative Order No. 3 Section C (1a) and to award Baxter & Woodman the Detailed Biological Phosphorus Feasibility Study in the amount of \$95,000 to be invoiced to the Capital Account 40-

580180 Biological Phosphorus Removal Engineering. President Giagnorio, President Demos, Mr. Fugiel, Mr. Clark, Ms. Coyle, Mr. Sexton, Mr. Franz, Mr. Goldsmith, and Mr. Hansen responded “Aye” during a roll vote. The motion carried.

Mr. Lanphier indicated that questions and information requested at the last EOC meeting were evaluated and Mr. Wold from Baxter & Woodman would be making a presentation specific to the questions from the January 2017 EOC Committee meeting.

Mr. Wold gave a brief presentation updating the Committee with answers to the questions posed at the January 2017, EOC Committee meeting namely the change in costs if the IEPA permit required a .05ml removal, purchasing liquid oxygen versus producing liquid oxygen in-house and why the side stream process is being considered over other methods. Mr. Wold referred to a technical memo prepared and included in the packet answering the questions posed at the January 2017 meeting.

Mr. Demos clarified that the purpose of the feasibility study was to ascertain if the process being recommended would work and does not tie GWA to using the Danish equipment for the project. Mr. Wold indicated that while it is not required, there is a preference that the with the grant being funded by the Danish government, Danish equipment would be at least considered along with comparable equipment from other manufacturers; however, at the same time, the Danish government and manufacturer do not want us to pick them solely because of the grant and then not be happy with the equipment. Mr. Wold indicated that goal is to have GWA serve as the flagship where other facilities can be brought and see how the equipment and process works to achieve the goal.

7. Discussion

7.1 Facilities Improvement Project – Update

Mr. Streicher provided an update on the submittals and project being completed which includes the approval of the sand filter equipment for purchase which was approved. Mr. Streicher indicated that the issue with dewatering is still ongoing and that the additional boring and geotechnical evaluation that was completed has revealed conditions similar to what was outlined in the bid specifications.

Mr. Goldsmith asked if the basis for bid used by Black & Veatch were based on Terracon’s borings and reports. Mr. Streicher indicated that it was and that the Testing Service Corp. reports were done after the bid had been awarded.

8. Other Business

8.1 Technical Advisory Committee Updates

Mr. Lanphier summarized the results of a meeting with the MUDP and GWA's TAC with regards to the grant and work packages which provided clarification to everyone on the grant and work packages are intended to flow as well as taking GWA's request to extend the grant decision out six (6) months. Mr. Lanphier advised the MUDP was going to present the request to their board however they delayed the presentation of this request due to other internal issues not relating to GWA or the grant until the week after the EOC Committee meeting.

8.2 Pending Agenda Items

9. ***Next EOC Meeting*** – The next regularly scheduled EOC Meeting is set for ***Thursday, March 9, 2017 at 7:30 a.m. at the Glenbard Facility.***

Mr. Fugiel moved to adjourn the February 9, 2017 EOC Meeting and Ms. Coyle seconded the MOTION. The members responded unanimously to a verbal call of "Aye". The motion carried. The meeting adjourned at 8:00 a.m.

Submitted by:

Gayle A. Lendabarker
GWA Administrative Secretary