

GLENBARD WASTEWATER AUTHORITY

Executive Oversight Committee

Minutes

Thursday, September 8, 2011

8:00 A.M.

**Meeting was held at the Glenbard Wastewater Plant
21 W 551 Bemis Rd, Glen Ellyn, IL**

Members Present:

William Mueller	President, Village of Lombard
Mark Pfefferman	President, Village of Glen Ellyn
Bill Ware	Trustee, Village of Lombard
Phil Hartweg	Trustee, Village of Glen Ellyn
David Hulseberg	Village Manager, Village of Lombard
Mark Franz	Village Manager, Village of Glen Ellyn
Carl Goldsmith	Public Works Director, Village of Lombard
Bob Minix	Village Engineer, Village of Glen Ellyn

Others Present:

Erik Lanphier	Wastewater Manager, GWA
Gary Scott	Sr. Plant Mechanic, GWA
Rick Freeman	Sr. Electrician/Electronics Technician, GWA
Gayle Lendabarker	Administrative Secretary, GWA
Larry Noller	Interim Finance Director, Village of Glen Ellyn
Tim Sexton	Finance Director, Village of Lombard
Derke Price	Legal Counsel, Ancel, Glink, Diamond, et al

1. Call to Order at 8:00 a.m.
2. Roll Call: Mr. Mueller, Mr. Ware, Mr. Hartweg, Mr. Hulseberg, Mr. Franz, Mr. Goldsmith and Mr. Minix answered "Present". Mr. Pfefferman arrived after Roll Call had taken place.

Mr. Mueller took a moment and introduced Trustee Bill Ware as the new Trustee Representative from the Village of Lombard. Mr. Mueller asked everyone to take a moment and introduce themselves to Mr. Ware.

3. Public Comment
4. Consent Agenda

Mr. Hulseberg motioned and Mr. Goldsmith seconded the *MOTION* that the following items on the Consent Agenda be approved. Mr. Mueller, Mr. Ware, Mr. Hartweg, Mr. Franz, Mr. Goldsmith, Mr. Hulseberg and Mr. Minix individually responded "Aye" during a roll vote. The motion carried.

- 4.1 Minutes from the July 14, 2011 EOC Meeting.
- 4.2 Vouchers previously reviewed by Trustee Hartweg.

4.3 North Primary Pump Rehabilitation

The Glenbard Wastewater Authority team utilizes two (2) Progressive Cavity Pumps supplied in 2003 as part of the original Digester Improvement Project. The pumps are located on the lower level of the Primary Diversion Structure and are utilized to pump settled material known as “sludge” to the thickener clarifier or to the digester.

The South progressive cavity sludge pump was rehabilitated with spare parts supplied under the original construction contract in May 2010. The North progressive cavity sludge pump currently exhibits pump output reduction consistent with average pump loss for this operating length, and is beginning to have impacts on plant operations, and requires rehabilitation.

Motion EOC to approve the unbudgeted cost of the North Primary Sludge Pump in the amount of \$14,361.18, plus shipping charges to LAI Ltd of Arlington Heights, IL invoiced to Glenbard Wastewater Treatment Facility Equipment Rehabilitation account 40-580150.

Mr. Lanphier explained that this repair is to a pump that was installed during the Anaerobic Digester project and while a problem occurred with the South pump, that pump was repaired using parts and materials that were on the shelf in GWA's warehouse. Mr. Lanphier indicated that GWA staff had made changes to the process in an effort to reduce the wear on the pumps and would be monitoring the pumps to see if the change is proving effective in extending the life of the pumps.

4.4 Ultra Violet Lamp Purchase

In accordance with Glenbard's National Pollutant Discharge Elimination System (NPDES) permit, which is issued by the Illinois Environmental Protection Agency (IEPA), our plant effluent must be disinfected prior to being discharged into the receiving stream (East Branch of the DuPage River).

Effluent disinfection is accomplished through the use of a Ultra-Violet Light Disinfection System. The ultra-violet light disrupts the bacteria's DNA, thus halting replication of the bacteria in the effluent. The disinfection system consists of 2,304 Germicidal Ultra-Violet Lamps, which are located in four separate disinfection channels. Each channel is capable of handling flows up to 14.3 million gallons per day. These channels are automatically staged into and out of service, at predetermined set-points, as the wastewater flow through the plant changes.

Motion EOC to approve the budgeted cost of the Ultra Violet Germicidal Lamps in the amount of \$25,800, plus shipping charges to Iron Brook Partners, Sharron, Ontario, Canada, invoiced to Glenbard Wastewater Treatment Facility Equipment Rehabilitation account 40-580150.

Mr. Lanphier indicated that this purchase is part of a routine plan that takes place every 4 to five years.

Mr. Franz asked if the lamps were being replaced. Mr. Lanphier indicated that the actual lamps are being replaced and that the use of the UV system relates to the NPDES permit, GWA follows the manufacturer's replacement recommendation of five year use. Mr. Lanphier did advise that in the previous year, GWA sought to reduce the costs by using a non-OEM supplier and the plant experienced upsets as a result. Mr. Lanphier indicated that Mr. Freeman and his Electrical team ended up switching these bulbs out for the OEM bulbs in a relatively short amount of time. Mr. Freeman then managed to secure a full refund on those lamps.

5. Adjourn to Executive Session

To discuss pending Anaerobic Digester litigation.

Mr. Hulseberg moved and Mr. Minix seconded the motion to recess to Executive Session to discussion pending Anaerobic Digester mediation: The members responded unanimously to a verbal call of "Aye". The motion passed. Mr. Pfefferman arrived after the EOC Committee went to Executive Session.

8:30 a.m. Reconvene from Executive Session

There were no actions to be taken as a result of the Executive Session.

Roll Call: Mr. Mueller, Mr. Pfefferman, Mr. Ware, Mr. Hartweg, Mr. Hulseberg, Mr. Franz, Mr. Goldsmith and Mr. Minix answered "Present".

6. Other Business

6.1 Leachate hauling contract discussion

Mr. Lanphier distributed a copy of a contract from Waste Management for the hauling of landfill leachate from Waste Management Facilities. Mr. Lanphier explained that he had quickly reviewed the contract as it was delivered late on Wednesday evening and therefore the document had not yet be submitted for review to legal counsel as well. Mr. Lanphier advised the hauling would start out as a trial basis with three (3) trucks a day coming in and off loading the leachate at a cost of 2.5 cents per gallon (\$.025).

Mr. Lanphier provided a history on how the leachate had been taken in the past.

Mr. Lanphier asked if the contract should simply be executed and deal with any impact on Bemis Road neighbors or should the neighbors be brought in before the contract is signed and hauling begins.

Mr. Mueller asked what is the advantage of taking the leachate in directly at GWA versus having it dumped at Glen Ellyn Public Works, as it had been done previously. Mr. Lanphier advised the GWA staff is able to monitor and test the materials coming in to help control impacts to the total process as well as having an onsite covered storage tank which would allow for a slower introduction to the system.

Mr. Mueller asked about the odor with leachate. Mr. Lanphier indicated there is odor, however the plan is to have the incoming trucks equipment with hoses that will connect to a hose into the storage tank and allow for direct off loading into the tank as well as limiting the amount of loads coming in.

Mr. Mueller asked what the projected revenue of the contract was. Mr. Lanphier indicated it is approximately \$117,000 per year. Mr. Mueller asked how much will operational costs increase by accepting this material. Mr. Lanphier indicated he would have to wait until he received the loading information from Waste Management and project a cost based on this information, but feels the costs would be under \$10,000 per year.

Mr. Hulseberg asked if the rate indicated in the contract is consistent with the industry standard. Mr. Lanphier advised that he had verified with other facilities.

Mr. Minix, asked why GWA stopped taking leachate in the past. Mr. Lanphier indicated the plant experienced multiple NPDES permit violations due to a lack of regulation with the material being dumped at Glen Ellyn Public works and not being trickled into the system to help disbursement impact more evenly instead of a large influx all at once. Mr. Lanphier indicated that due to more specific wording of the contract limiting the amount of leachate and the assurance that the incoming loads are not from industrial landfills.

Mr. Minix did express his concern about the impact on the residents of Bemis Road and feels that GWA should reach out to them and inform them of what will be transpiring.

Mr. Goldsmith asked if the estimated \$10,000 included staff time and question whether GWA had enough staff to handle the process of inspecting, analysis and off loading the shipments. Mr. Lanphier indicated that the inspection would consist of running a five (5) to ten (10) minute test checking the pH and ammonia levels of the incoming load. Mr. Goldsmith asked if the project revenue \$100,000 included additional costs of solids. Mr. Lanphier indicated that there are minimal solids in leachate therefore there should be no significant increase in solids.

Mr. Goldsmith added that he thinks the insurance minimums as listed in the contract are too low and asked if the acceptance of leachate is a permitted use in the Village of Lombard as the facility resides in Lombard had he checked with the Lombard Building Department to verify legality of accepting material. Mr. Goldsmith expressed concerned that the residents would be calling the Village of

Lombard to complain about the number of trucks coming into the plant. Mr. Hulseberg indicated that the only restriction maybe regarding the amount of truck traffic on Bemis Road but Mr. Goldsmith and himself will look into this item.

Mr. Mueller asked if we still had contact with the homeowners association for Bemis Road. Mr. Lanphier indicated we do not know of one for Bemis Road, however there is an association for Butterfield West which is located along the South property line of the plant. Mr. Mueller indicated he was in agreement with Mr. Minix that we should hold a public meeting with the residents.

Mr. Ware asked what time the first would be coming into the plant. Mr. Lanphier indicated that as stipulated in all contracts involving big trucks, they are not allowed to be on Bemis Road prior to seven o'clock in the mornings.

Mr. Franz asked about a limit on the number of trucks. Mr. Lanphier agreed that we should not try and limit ourselves to the number of trucks. Mr. Lanphier added that the reason for the current contract limit of three (3) per day was to be able to monitor the impact of the leachate being trucked in on the plant process.

Mr. Franz asked if Mr. Lanphier new of a potential demand for the disposal of leachate. Mr. Lanphier indicated that Waste Management has upwards of six (6) to eight (8) million gallons a year of leachate to dispose of therefore, GWA is a highly sought after stopping point. Mr. Lanphier added that Waste Management is aware of our concern that the leachate they bring will have a negative impact on our system and they will once again, lose dumping privileges.

6.2 Thank you letter from the United States Department of Commerce

6.3 Asset Analysis & Alternative Funding Update

Baxter & Woodman is still at the fact-finding stage of the project and have made numerous telephone calls with questions and requests for additional information. They are on track to meet the October deadline with a presentation at the November EOC Committee meeting.

6.4 Manager's Report to be provided

Mr. Lanphier distributed a copy of his monthly Manager's report and highlighted the fact that while the Senior Plant Mechanic, Gary Scott, was off for about thirty (30) days, due to a non-work related back injury, Mr. Henry Altott did step up and server as the temporary department lead in Mr. Scott's absence and did a great job.

Mr. Mueller inquired as to the number of days GWA had gone without an injury and was advised the number had reached 1,096 days.

7. **Next EOC Meeting** – The next regularly scheduled EOC Meeting will be on **Thursday, October 13, 2011 at 8:00 a.m. at the Glenbard Plant.**

Mr. Minix moved to adjourn the September 8, 2011 EOC Meeting and Mr. Pfefferman seconded the motion. The members responded unanimously to a verbal call of “Aye”. The motion carried. The meeting adjourned at 9:00 a.m.

Submitted by:

Gayle A. Lendabarker
GWA Administrative Secretary