

**GLENBARD WASTEWATER AUTHORITY**

**Executive Oversight Committee**

**Agenda**

**Thursday, September 8, 2011**

**8:00 A.M.**

**Meeting will be held at the Glenbard Wastewater Plant**

**21 W 551 Bemis Rd, Glen Ellyn, IL**

1. Call to Order
2. Roll Call
3. Public Comment
4. Consent Agenda

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.**

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.**

**5. Adjourn to Executive Session**

To discuss pending Anaerobic Digester litigation.

**6. Other Business:**

**6.1** Leachate hauling contract discussion

**6.2** Thank you letter from the United States Department of Commerce

**6.3** Asset Analysis & Alternative Funding Update

**6.4** Manager's Report to be provided

**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.**