

**Central Wastewater Region Large User Advisory Board Meeting**  
**Wednesday May 14, 2014 – 1:30 P.M.**  
**George T. Lohmeyer (GTL) Regional Wastewater Treatment Plant, Fort Lauderdale**

**Voting Members Present:**

David J. Archacki, City of Wilton Manors/Public Services Director  
Miguel Arroyo, City of Fort Lauderdale/Water & Wastewater Treatment Manager  
Tamira Coffman, City of Fort Lauderdale/Assistant Public Works Director  
Cole Copertino, City of Fort Lauderdale/Assistant City Attorney I  
Alicia Sheffield, City of Fort Lauderdale, Accountant II  
Kenneth Resor, City of Oakland Park/Public Works Director

**In Attendance:**

Pat Long, City of Fort Lauderdale/GTL Wastewater Treatment Facility Manager  
Rick Johnson, City of Fort Lauderdale/Distribution and Collection Systems Manager  
Bob Mays, City of Wilton Manors/Finance Director  
Chet Jablonka, City of Tamarac, Maintenance Supervisor/Utilities  
Joseph Teolis, City of Oakland Park, Utilities Manager  
Jon Goldman, CDM Smith / Consultant  
Tim O'Neil, CDM Smith /Consultant

**Welcome – Miguel Arroyo**

Miguel Arroyo welcomed everyone and called the meeting to order at 1:30 p.m. Mr. Arroyo introduced Ms. Tamira Coffman, the new Assistant Public Works Director for the City of Fort Lauderdale, and thanked everyone for attending the meeting.

**Introduction of Advisory Board Members and Guests**

All attendees introduced themselves.

**Approval of January 22, 2014 Minutes**

David Archacki made a motion to approve the January 22, 2014 minutes. Mr. Copertino seconded the motion. The motion passed unanimously.

**Update on the G.T. Lohmeyer Wastewater Treatment Plant Update – Pat Long**

**Construction Project Updates**

- Reactor 1, train A mixers were removed the week of February 11, 2013 for refurbishment. During the cleaning of this tank it was discovered that protective coatings in the first stage were failing. Contract was awarded on September 17, 2013 to Atlantic Painting for \$157,900. Original protective coatings were removed exposing extensive concealed concrete damage especially on ceiling beams. A change order of \$59,000 was approved by City Commission on March 18, 2014. Revised contract was finalized on April 30 and contractor is awaiting new PO issuance to resume work. Installation of the last three refurbished mixers by Arroyo Equipment is awaiting the application of the new coating.
- Task Order (TO) 3 with Camp Dresser McGee (CDM) Smith to design replacement of all conduits, wiring and control circuits to sludge feedwell mixers along with electrical outlets in dewatering room are complete. Bid opened on October 30, 2013. Florida Bridge Builders, Inc. is the contractor performing the work for \$170,776. Notice to Proceed was issued by

Public Works Engineering on March 17, 2014 however building department permitting has resulted in a delay which will affect the substantial completion date of May 17, 2014.

- Task Order 6 with CDM Smith was approved at July 10, 2012 commission meeting to study and design upgrades to the switch gear and electrical feeds at Florida Power & Light (FPL) service point 1 (generator building). TO cost was \$425,164. The City is in negotiations with CDM to complete this design.
- Task Order 23 with CDM Smith to design replacement of four sections of Pre-stressed Concrete Cylinder Pipe (PCCP) was approved by City Commission on January 8, 2013. The 90% review comments were submitted to CDM Smith on December 19, 2013.
- City Commission approved a project January 7, 2014 to replace 26 electro-mechanical overload relays and 6 power monitors with new General Electric (GE) all inclusive protective devices at FPL main power feeds 2 and 3. CE Power Solutions was low responsive bidder at a cost of \$65,319. The City Attorney's office approved this contract on March 4, 2014. A preliminary meeting with the contractor was held on May 1 and equipment has been ordered. Project should be completed by June 30, 2014.
- Task Orders 8 and 11 for the Capacity Analysis Report and Renewal and Replacement analysis respectively are scheduled to be approved by City Commission on June 3, 2014. Total cost for the two task orders is \$29,958.
- A project to rehabilitate four clarifier drives and walkways for a cost of \$396,000 is scheduled for approval by City Commission on June 3, 2014.
- A bid was just closed to paint seven clarifier drives, clarifier center supports and effluent piping for \$23,484 with West Florida Maintenance, Inc. A contract is being developed for signatures before a Notice to Proceed can be issued.
- Plant staff replaced both bio-reactor influent gate actuators on May 5, 2014 to achieve more efficient splitting of flows between the actuators.
- FPL completed repairs of an insulating gas leak in the automatic transfer switch of their electrical vault for primary feed point #4 on May 6, 2014.

## **Capacity Issues**

Annual average flows for the last twelve months are currently at 39.9 MGD.

The Mechanical Integrity Test (MIT) plan for the five deep injection wells was submitted to FDEP for approval on April 11, 2014. A second plan for mechanical cleaning and acidization of the wells will be submitted for approval in the near future. Approval for installation of a backflush line for well #4 was approved by FDEP on May 1, 2014 and the MIT work, cleaning procedures, and installation of the new line are currently out for bid.

The impeller for effluent pump #5 was replaced March 6, 2014 at a cost of \$84,230. This new, epoxy coated impellor replaced the original which was severely damaged by cavitation. This has restored pumping capacity to this small effluent pump.

## **Operational Issues**

The renewal application for the Broward County operating permit was submitted April 29, 2014.

We have recently hired a Mechanic I, Painter, Operator II, and Operator trainee at the facility. Currently we only have one open position at GTL, an Operator trainee that has been converted from a Mechanic I.

## **Budgetary Issues**

Core sampling of existing concrete in the grit collection chambers and associated channels was completed on April 10, 2014. Public Works Engineering is awaiting the report from this testing to finalize bid specs and provide cost estimates.

Work to complete a Request for Proposal (RFP) package for the Cryogenic instrumentation project is being developed by City Engineering staff. Estimated cost of construction for the project is \$3.5M.

## **Rate Calculations – Alicia Sheffield**

Ms. Sheffield distributed several reports: The Computation of Rates for FY2013 Actual; a FAMIS report detailing wastewater usage for Oakland Park, Wilton Manors, Tamarac, Fort Lauderdale, and Davie; Wastewater Regional Flows spreadsheet; and the Central Regional Wastewater System Operations Report for Fiscal Year 2013/14.

The FAMIS report details end of year Large User Account Receivables.

The Wastewater Regional Flows spreadsheet details recorded actual flows.

The Central Regional Wastewater System Operations Report for Fiscal Year 2013/14 outlines total expenditures and encumbered amounts for the year. The report indicates that there has not been a significant change from prior years.

Ms. Sheffield announced that the reports had been prepared by Ms. Susan LeSage, Financial Administrator for the City of Fort Lauderdale, and advised that they had been audited.

Bob Mays inquired if water rates were expected to increase. Miguel Arroyo stated that data will be analyzed to prepare for a rate discussion at the next meeting.

## **Old Business**

None

## **New Business**

Ms. Coffman introduced herself to the group and announced that she will now be heading the Large User meetings. She urged all in attendance to work on their Inflow and Infiltration (I & I) to avoid the need for costly repairs.

Mr. Arroyo stated that the City of Fort Lauderdale is currently pursuing their ISO 14000 certification. The ISO 14000 addresses various aspects of environmental management and will help the City improve their environmental performance.

**Next Meeting**

The next meeting is scheduled for August 13, 2014 at 1:30 pm, and will be hosted by the City of Wilton Manors.

**Adjournment**

Mr. Arroyo asked for a motion for adjournment. Ms. Coffman made a motion to adjourn the meeting. Mr. Resor seconded the motion. The motion passed unanimously. The meeting adjourned at 2:30 p.m.