

**Central Wastewater Region Large User Advisory Board Meeting  
Wednesday January 22, 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  
Cole Copertino, City of Fort Lauderdale/Assistant City Attorney I  
Miguel Arroyo, City of Fort Lauderdale/Water & Wastewater Treatment Manager  
Alicia Sheffield, City of Fort Lauderdale, Accountant II  
Steve Roberts, Jr., City of Fort Lauderdale, Distribution & Collection Supervisor  
Susan Smith, City of Oakland Park/Assistant Public Works Director

**In Attendance:**

Pat Long, City of Fort Lauderdale/GTL Wastewater Treatment Facility Manager  
Susan LeSage, City of Fort Lauderdale/Financial Administrator  
Ruth Burney, CDM Smith, Inc. / Consultant  
John McGeary, Town of Davie/Chief Operator  
Bob Mays, City of Wilton Manors/Finance Director  
Brian London, City of Tamarac  
Chet Jablonka, City of Tamarac, Maintenance Supervisor/Utilities  
Harris Hamid, City of Oakland Park, Director/Engineering and Community Development  
Harvey Rambarath, City of Oakland Park, Asst. Director/Engineering and Community Development  
Joseph Teolis, City of Oakland Park, Utilities Manager  
Jon Goldman, CDM Smith / Consultant  
Marlon Lobban, City of Oakland Park, Civil Engineer II  
Keith Hutchinson City of Fort Lauderdale, Distribution & Collection Supervisor  
Tim O'Neil, CDM Smith /Consultant  
Troy Balint, City of Fort Lauderdale, Environmental Inspector

**Welcome – Miguel Arroyo**

Miguel Arroyo welcomed everyone and called the meeting to order at 1:30 p.m. Mr. Arroyo thanked everyone for attending the meeting.

**Introduction of Advisory Board Members and Guests**

All attendees introduced themselves.

**Approval of August 7, 2013 Minutes**

David Archacki made a motion to approve the August 7, 2013 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. We are in negotiations with the contractor for

a change order to complete this project. 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. Contract is currently being finalized with the responsible low bidder, Florida Bridge Builders, Inc. for \$170,776. Notice to Proceed will be issued by Public Works as soon as contract is finalized.
- 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.

### **Capacity Issues**

Annual average flows for the last twelve months are currently at 39.7 MGD.

The City is currently negotiating a TO with CDM Smith to brush clean the injection wells concurrently with the five year Mechanical Integrity Test (MIT) which is due in October 2014. City Engineering staff is also designing installation of a 24" backwash line for well #4 in conjunction with this project. This cleaning will hopefully restore a portion of the well capacity.

A Purchase Order (PO) has been secured for the replacement of the impeller for effluent pump #5 at a cost of \$84,230. We are waiting for delivery of the new impeller which should occur by early February.

### **Operational Issues**

The renewed Broward County operating permit effective July 1, 2013 was received on December 24, 2013. Specific Condition 7 of the new permit has a change in that the Licensee/Co-Licensee must notify Environmental Protection and Growth Management Department (EPGMD) by phone if any private collection/transmission system malfunction results in or has the potential to result in a sanitary sewer overflow. Also a call or email must be sent as to the resolution of the event.

We have recently promoted two Operator 1 employees to Operator 2 positions at GTL, one in August and one in December. An Operator Trainee was hired in November and a Mechanic I began work in December. Another Mechanic I is in the approval process. A recently retired employee has returned and is working on special projects and training. We currently have four openings at the facility.

### **Budgetary Issues**

City Engineering staff is in the process of preparing documents to bid concrete rehabilitation work in both grit collection chambers along with rehabilitating the collector drive units and replacing structural steel components that are supporting walkways to the drives.

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 – Susan LeSage**

Ms. LeSage 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.

Ms. LeSage reported that after the books were closed for 2013, it was determined the actual rate was \$1.54 per 1,000 gallons, noting that the billing rate over the year has been \$1.44, which has resulted in an additional amount due of approximately .10 cents per 1,000 gallons. Ms. Lesage explained that Computation of Rates for FY2013 Actual is calculated by operations, total debt and bond costs, replacement and reserve funding divided by total flows.

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. LeSage advised that at this point in the budget year, there have been some budget reductions due to various cost-saving measures.

### **Old Business**

None

### **New Business**

Troy Balint reported that the City of Fort Lauderdale has sent letters requesting updated commercial/industrial business information. This information will be used to update the Industrial Pretreatment Program Database to identify these businesses and issue permits based on their discharges. Mr. Balint explained that the City is in the process of expanding the program to reach a greater number of businesses, and asked the Board to participate in this endeavor by sending surveys to their respective commercial/industrial businesses. Mr. Balint offered to make the survey sheet used by the City available to be used as a template. Please see Attachment 1.

Susan Smith reported that the City of Oakland Park has contacted a contractor to independently test the master meter to verify accuracy of the meter. In addition, the City of Oakland Park would like to know the cost of having their own meter, so that as they move around performing their infiltration and inflow work, they will be able to quantify

their savings. Ms. Smith asked that Mr. Roberts and/or Mr. Hutchinson join her on site at the time of the independent testing.

Ms. Smith stated that the check valve on the City of Fort Lauderdale's meter, may need to be replaced, therein alerting the City of Fort Lauderdale to the fact that the valves will have to be closed at some point in order to have this checked.

Ms. Smith requested a key to the master meter so that the City of Oakland Park would be able to read the master meter twice daily. Mr. Roberts explained that the City of Fort Lauderdale is upgrading the system and that meters will be placed on the Supervisory Control and Data Acquisition (SCADA) system. There will still be mechanical and pulse meters. Mr. Roberts agreed to provide the meter key to Ms. Smith.

Mr. Archacki requested calibration of the new Master Meter at Lift Station #11 (behind the bowling alley at 16<sup>th</sup> and 34<sup>th</sup>). Mr. Roberts and Mr. Hutchinson agreed to meet Mr. Archacki on site to investigate.

#### **Next Meeting**

The next meeting is scheduled for May 14, 2014 at 1:30 pm at the City of Oakland Park, 5399 Dixie Highway. Members and staff were advised to car pool as parking is limited.

#### **Adjournment**

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