

**Central Wastewater Region Large User Advisory Board Meeting
Wednesday May 15, 2013 – 1:30 p.m
Fiveash Regional Water Treatment Plant, Fort Lauderdale**

Voting Members Present:

Julie Leonard, City of Fort Lauderdale/Deputy Public Works Director - Utilities
Alicia Sheffield, City of Fort Lauderdale/ Accountant II
Ken Resor, City of Oakland Park/ Public Works Director
David Archacki, City of Wilton Manors/Public Services Director
Carrie Sarver, City of Fort Lauderdale/Assistant City Attorney I
Mark Darmanin, City of Fort Lauderdale/Distribution and Collection Systems Manager
Miguel Arroyo, City of Fort Lauderdale/Water and Wastewater Treatment Manager

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./City of Fort Lauderdale Wastewater Consultant
Tim O'Neil, CDM Smith, Inc./City of Fort Lauderdale Wastewater Consultant
Don Bayler, Town of Davie/Utilities Director
John McGeary, Town of Davie/Chief Operator
Susan Smith, City of Oakland Park/Assistant Public Works Director

Welcome – Julie Leonard

Julie Leonard welcomed everyone and called the meeting to order at 1:35 p.m. Ms. Leonard thanked everyone for attending this quarterly meeting.

Introduction of Advisory Board Members and Guests

All attendees introduced themselves.

Approval of January 16, 2013 Minutes

Miguel Arroyo made a motion to approve the August 1st minutes. David Archacki seconded it. The motion passed unanimously.

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

Construction Project Updates

- Work began the week of May 14, 2012 on the pre-treatment building parapet wall replacement and building improvements. Final inspection by the building department occurred April 5, 2013.
- Reactor 1, train A mixers were removed the week of February 11, 2013 for refurbishment. The tank was cleaned by plant personnel and 252 tons of grit were hauled to the Pompano landfill. During the cleaning of this tank it was discovered that protective coatings in the first stage were failing. A bid for removal of the existing coating and replacement closed on May 7, 2013. Work is estimated to be at \$100,000.

- Solutionwerks completed additional repairs at the Cryogenic facility March 7, 2013. This involved replacement of a vaporizer, temperature control valve, three temperature controllers and alarm switches, and three block valves. This was an extension of the emergency work done last June. The cost was \$144,500.
- Task Order 3 with 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. This project is very near to being released for bid.
- 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 FPL service point 1 (generator building). Task Order cost is \$425,164. This task order is in the 60% design stage. Task Order 6A is currently being negotiated to include replacement of conduit and mixer controls on reactor 1 along with MCC replacements at the cryogenic facility.
- Task Order 23 with CDM Smith to design replacement of four sections of PCCP concrete pipe was approved by commission on January 8, 2013. We have recently reviewed the 60% drawings for this project.

Capacity Issues

Annual average flows for the last twelve months are currently at 40.8 MGD.

Updated Capacity Analysis Report was submitted to FDEP in March 2013.

We backflushed four wells the week of April 29 to improve performance.

Operational Issues

The City entered into a five year warranty agreement with Caterpillar for the emergency generator at GTL along with four other CAT generators at Repump stations and Dixie Wellfield January 30, 2013.

We have had extreme difficulty in recruiting Operator II employees because of lack of proper licensing and cryogenic facility experience. We still have five vacant positions with two of them frozen.

Budgetary Issues

We are in the process of preparing an RFP for instrumentation replacement at the Cryogenic facility. Estimated cost to be \$3.5 million.

City is in the process of preparing documents to bid concrete rehabilitation work in both grit collection chambers. At the same time we will also be rehabilitating the collector drive units and replacing structural steel components that are supporting walkways to the drives.

Rate Calculations – Susan LeSage

Susan LeSage distributed three items for the group's review: 2012/2013 budget, 2011/2012 budget, and snapshot of the FAMIS system page showing rebates.

This time last year for fiscal year 11/12, the City was at 36% of it's anticipated budget and for this year the City is at 44%. The last time the board met, Ms. Lesage shared the dollar amounts of the rebates. The auditors made minimal revisions since then. The City Manager is to present the true-up and the calculations to the City Commission on May 21st and once approved, the checks will be released at the end of the month. Susan Smith requested the flows Ms. Lesage sent to Bob Mays. A copy of the auditor true-up report can be available to the group and will available online.

Old/New Business

Ms. Leonard mentioned the issue with the Department of Environmental Protection (DEP) has not been resolved yet regarding the 54 inch force main at the Harbor Shops when 7 million of untreated and raw sewage hit the receiving water body. The City met with DEP representatives to explain the scenario and situations. Although they were complimentary with how quickly the City responded, in lieu of being charged a fine, a detailed letter was requested regarding project improvements and costs. In response, three projects were identified and completed: 1,400 feet of questionable 54 inch pipe was replaced with 48 inch pipe running parallel with 17th Street, 600 feet of PCCP above ground was replaced, and outside of the pretreatment building, 100 feet of PCCP pipe was replaced along with one valve removed and another added. The draft letter was sent mid-April.

Mr. Arroyo referred to the rain event when GTL went from receiving 40 million gallons of water to 94 million gallons in one hour. City staff looked back to determine the contributions for each of the large users. The billing system was used to calculate the water being sold to the master meters and the wastewater being received. In general, for every 100 gallons sent to customers, 80 to 85 gallons are returned as wastewater. Only one fiscal year is done at a time and the numbers currently being updated are for the end date of 9/30/11. Mr. Arroyo went back three years 08/09, 09/10, 10/11, and for each year, removed the lowest and highest numbers and used the midpoint to give perspective. The City of Oakland Park had 164% of water sold whereas Wilton Manors had 109%. The data shows there are areas of improvement with the various large users. During that timeframe, Ms. Smith and Mr. Resor said the City of Oakland Park was paying extra in county penalties and because of that, the Broward County section was lined first, which is the western side. Mr. Arroyo said the first step is to mention the issue and the second step, after the information is updated, is to recommend and implement a cohesive approach to address this.

Next Meeting

The next meeting is scheduled for August 7, 2013 at 1:30 pm. The location is to be determined.

Adjournment

Ms. Leonard asked for a motion for adjournment. Mr. Arroyo made a motion to adjourn the meeting and Mr. Resor seconded it. The meeting adjourned at 2:05 p.m.

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