

**Central Wastewater Region Large User Advisory Board Meeting
Wednesday, February 24, 2010 – 1:30 p.m.
Fiveash Regional Water Treatment Plant, Fort Lauderdale**

Voting Members Present:

Julie Leonard, City of Fort Lauderdale, Assistant Utilities Services Director, Operations
David Womacks, City of Oakland Park, Public Works Director
David Archacki, City of Wilton Manors, Utilities Director
Vicki Minard, City of Fort Lauderdale, Assistant City Attorney
Gloria LeClaire, City of Fort Lauderdale, Controller

In Attendance:

Neil Buckeridge, Town of Davie, Superintendent of Operations
Brian London, City of Tamarac, Wastewater Supervisor
Chet Jablonka, City of Tamarac, Supervisor
Susan LeSage, City of Fort Lauderdale, Financial Administrator
Ruth Burney, Camp Dresser & McKee, City of Fort Lauderdale Wastewater Consultant
Pat Long, City of Fort Lauderdale, Wastewater Treatment Facility Manager, GTL
Susan Smith, City of Oakland Park
Noha Ezzeddine, City of Fort Lauderdale, Senior Accountant
Miguel Arroyo, City of Fort Lauderdale, Water and Wastewater Treatment Manager
Mark Darmanin, City of Fort Lauderdale, Distribution and Collection Systems Manager

Welcome – Julie Leonard

Ms. Leonard welcomed everyone and called the meeting to order at 1:38 p.m.

Introduction of Advisory Board Members and Guests

All attendees introduced themselves.

Approval of November 18, 2009 Minutes

Mr. Womacks made a motion to approve the minutes. Mr. Archacki seconded it.

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

Construction Project Updates

- A 1750 HP effluent motor #4 was reconditioned with new bearings and seals in January 2010. A 1250 HP effluent motor failed January 2010 and is currently being rewound. The motor should be returned to service this week.
- Influent Screening Equipment
A maintenance service agreement at @\$45,000/year is being reviewed and is expected to be entered into to keep the current JWC units in operation. The units will be scheduled to be totally rebuilt every two years. This will include inclined augers as we have recently

replaced the lower half of three units and are in the process of replacing the last one. We have made one trip to inspect alternative screening devices in operation.

- Influent channel concrete repair and an additional new 54" force main tie-in is being presented for a change order at March commission meeting. This project is scheduled to begin 60 – 80 days after commission approval.
- A contract to apply protective coatings and minor stucco repairs of all building exteriors at the plant and all piping at the deepwell injection site is being presented to Commission for approval March 2, 2010. This work was estimated at \$393,000 but the low bidder was \$175,000. These projects are per the annual Renewal and Replacement report.

Additional Ongoing Projects:

- Cryogenic Facility Instrumentation System Upgrades – This project has been awarded to Close Construction and will begin within the next two months. It includes the following work:
 - PA system upgrade
 - Liquid Oxygen storage tank replacements
 - Concrete repair in dewatering building
 - Grit classifier replacement
 - Seal water system replacements
 - New hoisting equipment in pretreatment building to service influent screening area
 - New Spare parts storage area in effluent building
 - Lime silo removal and roof repair

Capacity Issues

Annual average flows for the CY2009 are currently at 37.8 MGD. The 2010 Capacity Analysis Report is presently in development.

Operational Issues

Injection well permit renewal application submitted November 6, 2008. Final Mechanical Integrity testing of the five wells was completed November 12, 2009. Submitted the MIT report to regulatory authorities January 12, 2010. Some improvement in well performance was seen after high chlorination plus backflushing of the wells in November 2009. We will be applying a higher concentration of chlorine and backflushing again within the next month to gain even more improved performance. CDM submitted a report analyzing the wells performance and our options in bringing performance levels back to acceptable levels. Data will be collected over the next nine months and reanalyzed at that time.

A Request for Information response concerning the plant injection well permit was submitted January 21, 2010.

Investigation has been made concerning AC units that cool the effluent pump VFD rooms. This project is in the final stages of design.

Florida DEP plant operating permit renewal application was submitted September 2009. Request for Information response was submitted November 24, 2009. One of the issues being addressed is the amount of Infiltration and Inflow, estimated at 50% of flows, being used for the data projections.

The plant currently has four vacancies. Instrument Technician position should be filled within the next month.

All plant flow meters were calibrated in January 2010 per Department of Environmental Regulation and Broward County EPD annual requirements.

Budgetary Issues

Budget process will begin in March.

A task order is being prepared to do polymer testing on our biosolids removal system in preparation of bidding a new polymer supplier contract.

Rate Calculations

Ms. LeSage stated the rate computation came in at \$1.19 per thousand gallons and we billed at \$1.24. Therefore, a refund is due to each Large User for Fiscal Year 2009. As for our current Fiscal Year, we are under budget as of February 2010.

Old/New Business

There was a question regarding the status of the cost of services analysis study for water rates prepared by the consultant. Ms. Leonard had just received the draft study and it was handed out to staff members to review. Ms. Leonard said the report came back within a couple of percentages of what is being charged now. Once the draft is reviewed, a final version will be prepared, presented to the Commission, and shared with the other municipalities.

Mr. Arroyo extended an invitation to new members to visit G.T. Lohmeyer to get an idea what is going on at that facility. For example, the five injection wells cost \$100,000 to remediate and will save the City \$500,000. Mr. Arroyo discussed a meeting with Hazen and Sawyer who are very interested in the City's results because it will help other cities. Liquid oxygen is made on site and expenses are directly related to size and volume of flows. The R&R numbers usually go up and this year the cost is a minus .4% instead of 3% or 5%. There is a final draft of the R&R and a meeting was scheduled for Friday, February 26, 2010. Mr. Arroyo said by May the R&R will be complete as well as a capacity analysis report. Based on the latest revision, by 2017 something may need to be done at G.T.L which means a set up pre-planning for eventual design and construction will start in 2012. Mr. Arroyo said these numbers may change the permit from 55.7mgd to 56.6mgd if awarded by FDEP and could possibly go beyond 2021 or 2022.

Mr. Darmanin said he has not received any phone calls regarding any issues with the regional wastewater repump station. This has been under renovations through Waterworks 2011 and there have been suction pressure issues but it is monitored day and night.

Tentative Date for next Quarterly Meeting

Ms. Leonard presented several dates for the next quarterly meeting. The date tentatively chosen is May 12, 2010. The location will be the Emergency Operations Center in the new Wilton Manors City Hall from 1:30 p.m. to 2:30 p.m.

Adjournment

A motion was made and seconded to adjourn the meeting at 1:57 p.m. A vote to pass the adjournment was unanimous.