

**Central Wastewater Region Large User Advisory Board Meeting
Wednesday April 26, 2017 – 1:30 P.M.
Fiveash Training Room, City of Fort Lauderdale**

Voting Members Present:

Miguel Arroyo, City of Fort Lauderdale / Water and Wastewater Treatment manager
Rick Johnson, City of Fort Lauderdale / Distribution & Collections Systems Manager
Rhonda Hasan, City of Fort Lauderdale / Assistant City Attorney III
Hank Breitenkam, City of Oakland Park / Assistant Public Works Director
David Archacki, City of Wilton Manors, Public Services Director

In Attendance:

Bob Mays, City of Wilton Manors / Finance Director
Chris Lips, City of Oakland Park / Utilities Manager
Don Bayler, Town of Davie / Director
Tim O'Neil, CDM Smith, Inc.
Justin Murray, City of Fort Lauderdale / Wastewater Treatment Facilities Manager
Susan LeSage, City of Fort Lauderdale / Business Manager
Kym Holcombe, City of Fort Lauderdale / Financial Administration
Alicia Sheffield, City of Fort Lauderdale / Accountant II
Rafeela Persaud, City of Fort Lauderdale / Administrative Assistant I

Welcome – Mr. Miguel Arroyo

Mr. Miguel Arroyo called the meeting to order to 1:37 p.m. Mr. Arroyo welcomed everyone and stated he was filling in for Mr. Abi-Karam who could not be at the meeting due to prior engagement, and introduced two new members in attendance, Justin Murray, the Wastewater Treatment Facilities Manager and Don Bayler, Town of Davie.

Approval of January 11, 2017 Meeting Minutes

Rick Johnson made a motion to approve the meeting minutes from January 11, 2017. Hank Breitenkam seconded. The meeting minutes for the January 11, 2017 were approved. Vote was unanimous.

Update on the G.T. Lohmeyer Wastewater Treatment Plant – Justin Murray

Construction Project Updates

- On April 4th, 2017, FDEP provided a Notice of Intent to issue a new Operating Permit for GTL's deepwells (5). The Operating Permit is expected to be issued in May after the required 30-day advertisement. Additionally, the Capacity Analysis Report and Renewal and Replacement report annual updates have begun.
- P12106 (Stormwater Management Facility to Address Flooding Issues) – The project was initiated in December 2014 as an ESMS target program. Construction was completed on March 1, 2017. This project provides a conveyance system for GTL stormwater.
- P11710 (Emergency Generator/Switchgear Upgrades) - The contractor (Florida Design Contractors, Inc. (FDC)) has begun work and is on schedule to complete the project February 6, 2018.

- P11773 (PCCP Pipe Replacement – Stage 1) - The bid opening was held on December 2, 2016. The City received three bids on the project. It is anticipated that the award recommendation will be going to commission for approval during the May 2, 2017 Commission meeting. *Mr. Arroyo explained*
- P12107 (Sludge Weighing Truck Scales) - The bid ended on April 20, 2017 and is pending award. This project will replace sludge truck scales in the dewatering building. The estimated cost of this project was \$188,000.
- The City's contractor is finalizing the Generator at GTL for compliance with RICE/NESHAP standards. Catalytic converters were installed on all the diesel engines, and testing was successfully completed on March 31, 2017.
- P12171 (Butler Building Restoration at the Deepwell Site) - Engineering staff worked with BCC Engineering to perform the structural inspections. A preliminary planning order of magnitude contractor's cost estimate would likely be more than \$300,000 to upgrade the building to current building codes. Engineering staff is considering recommendation options.
- P11770 (Main Air Compressor A at the Cryogenic Plant) - Budgeted cost of the project was \$355,000. The low bid was \$297,653. The bid was awarded and notice to proceed was granted on April 20, 2017. The contract is for 225 calendar days.
- The replacement of the chlorine piping system in the Chlorine Building is currently out to bid.

Capacity Issues

- Annual average flows for the last twelve months are currently at 34.8 MGD.

Operational Issues

- 1 General Contractor is currently onsite and a second is expected within the next 3 months. Ensuring the plant continues to meet permit limits while under construction is of foremost concern.
- The staffing has improved since last Large User Meeting.
 - A permanent Plant Manager was hired January 30, 2017 (Justin Murray)
 - 2 of 2 Chief Operators Filled (Robert Harris, Michel Gagnon)
 - 4 of 7 Operator IIs filled and current applications being reviewed
 - 8 of 9 Operator Is filled
 - 2 Operator Trainees selected and expected to be hired in May

Budgetary Issues

- The odor control systems are being evaluated to determine if the media and other components are past useful life.
- The dewatering belt presses are being evaluated to determine when they should be replaced. The Renewal and Replacement Analysis will help with this decision.

- The remaining stages of the PCCP replacement project (P11773) cost will be significant due to required bypass pumping. The cost for this work is included in the annual R&R document prepared by CDM Smith the City's consultant.

Mr. Arroyo explained that the PCCP project is a multi-year project due to the cost, which is over approximately \$13.7M and this project will be done in stages.

Rate Calculations – Susan LeSage

Ms. LeSage referred to Page 3 of one of the handouts, Schedule of Large Users Wastewater Treatment Rate Computation, which listed the details of how the 1,000 gallon cost for FY2016 was derived, Large Users were billed at \$1.80 per thousand gallons and the actual audited rate per 1,000 gallons was \$1.66 per. She explained that a rebate check should be mailed out to them by the end of May. Ms. LeSage referred to another handout which was a snapshot of the budget, showing 50% of the fiscal year complete. Ms. LeSage said the City is 12% below the budget at this time. Bob Mays asked about the expenditures in Character 30. Ms. LeSage explained that approximately \$2M of the total funds were encumbered.

Old/New Business

Mr. Arroyo explained there are two items: 1) The Turnaround – approximately every three years, the cryogenic plant has to be completely inspected, defrosted and repairs performed, and the repairs range in cost from approximately \$300,000 to \$600,000; and 2) A proposal was received from the hydrogen peroxide vendor for a new product, bioxide, which can be placed into the region collection system to help reduce the effects of the hydro sulfide. Mr. Arroyo explained it is an operational issue and because of the costs, it was now being mentioned and will keep the Board updated if, and when, the City moves forward with these items.

Next Meeting

The next meeting is scheduled for Wednesday, August 2, 2017 at 1:30 p.m. and will be hosted in the City of Fort Lauderdale, Fiveash Training Room.

Adjournment

Meeting was adjourned at 1:52 p.m.