

**Central Wastewater Region Large Users Advisory Board Meeting
Wednesday May 11, 2022 – 1:30 P.M.
Central Maintenance Shop (CMS), Fort Lauderdale**

Voting Members Present:

David Archacki, City of Wilton Manors / Director, EM/Utilities
Fernando Martinez, City of Oakland Park / Public Works Manager
Talal Abi-Karam, City of Fort Lauderdale / Assistant Public Works Director - Utilities
Rhonda Hasan, City of Fort Lauderdale / Assistant City Attorney III
Miguel Arroyo, City of Fort Lauderdale / Water and Wastewater Treatment Manager

Roll Call:

Jud Hopping, City of Fort Lauderdale / Utilities D&C Systems Manager
Justin Murray, City of Fort Lauderdale / Wastewater Facilities Manager
Melissa Whiddon (Coningsby), Commissioner Assistant II, District I
Kym Holcombe, City of Fort Lauderdale / Business Manager
Kenya Baker, City of Fort Lauderdale / Senior Financial Administrator
Todd Hiteshew, City of Fort Lauderdale / Environmental Compliance Manager
Tim O'Neil, CDM Smith
Bert Fisher, City of Wilton Manors / Office Manager, EM/Utilities
Pennie Zuercher, City of Wilton Manors / Finance Director
Jerry Robinson, City of Tamarac / Wastewater Supervisor
Rafeela Persaud, City of Fort Lauderdale / Senior Administrative Assistant

Welcome – Talal Abi-Karam

Mr. Abi-Karam called meeting to order at 1:36 p.m. He stated that this is the (second) quarterly meeting of the Large Users Advisory Board, and the business of the Board is structured in accordance with the City of Ordinance Chapter 28, Sections 28-29. He explained that this meeting is for wastewater discussion only, and the votes are based on volume and contribution to the central large users wastewater system.

Mr. Abi-Karam welcomed everyone and asked everyone to introduce themselves, and verified there was a quorum.

Approval of February 9, 2022 meeting minutes. Miguel Arroyo made a motion to approve the meeting minutes. David Archacki seconded the motion. The meeting minutes for February 9, 2022 , were approved. Vote was unanimous.

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

Construction Projects

- P12171 (Pre-Engineered Metal Building Replacement at the Deepwell Site) – The design/build bid package was advertised and awarded at a cost of \$1.3 million. The temporary electrical design is being finalized by the design/build team. The project

is currently behind schedule while P12530 Deepwell Electrical is partially constructed (5%).

- P12530 (Deepwell Electrical Power & Instrumentation) – This project will supply new power and instrumentation wiring, applicable conduits, and duct banks at the Deepwell Facility from the control building to each of the five (5) underground injection wells and the three monitoring wells. The small control building where the valve controls are located will also be hardened against hurricane damage. The \$2.9 million project began construction January 25, 2022 and is scheduled for completion in March 2023. Approximately 30% of the underground work has been completed and work on the control building has started.
- P11781/P11917 (GTL Cryogenic Plant/MCC Elec Upgrades) – The replacement of the Cryogenic Plant with a new Vacuum Pressure Swing Adsorption (VPSA) process in a new building at a cost of \$17.4 million has begun construction as of February 2022. The final completion is scheduled for November 2023. The stem walls were poured last week. The process equipment is scheduled for delivery in May 2022.
- P12528 (GTL Chlorine Flash Mix Remodel) – Preparation of design documents has begun by the consultant AECOM. Construction cost estimates ranging from \$5.1M to \$6.1M at a Class IV level (-15% to +40%) were identified in the initial planning phase and a refined cost estimate should be available in the next update. Current funding level in the project is \$2.7 million and the difference will be requested in the next CIP cycle. This project may need to be fast-tracked so that space will be available for future generators under P12529.
- P12252 (GTL Interior Painting) – GTL staff negotiated a task order with a consultant to prepare design documents to repair concrete and apply protective coatings in the 2nd of the 4 treatment reactors. It is currently in the approval process.
- P12348 (Effluent Pumps VFD Replacement) – The five effluent pump variable frequency drives (VFDs) that control the speed of the pumps were replaced in April 2022 on time and under the budget of \$1.6 million.
- P12529 (Effluent Pumps Standby Generator & Admin Building Improvements) – This the project mandated by the FDEP amended consent order to provide standby power and ensure all effluent pumps can run without FP&L power. The kickoff meeting with the consultant (Smith Engineering) was held on May 6. The next step is to prepare the design criteria package for the design/build portion of the project. \$28 million is funded through the Community Investment Plan and upcoming 2023 bond, and the project is required to be completed by February 2024.
- P12702 (GTL Sludge Holding Tank Covers and Roof) – GTL staff have begun negotiations for a task order to replace the corroded tank covers and roof for the building between the tanks. The interior of the building has been rehabbed with the recent MCC project and plant improvements described below.

Flows:

- Annual average flows for the last twelve months are currently 41.4 MGD.

Operational Issues

- City Staff has procured a contract to line a 24-inch portion of RAS piping that has holes but is only leaking within the wetwell. This has caused operational issues that has lowered quality of treatment, but still within permit limits. GTL staff has implemented a temporary measure to counter these effects and improve treatment by moving biosolids using a portable pump.

Budgetary Issues

- The annual operating budget and the Repair and Replacement Pan (R&R) will require increases to account for chemical, materials, fuel, electricity, and other supply chain constraints.

Old and New Business

- The new large user agreements have been adopted by all municipality commissions. New Infiltration/Inflow (I/I) surcharges will be applied to monthly invoices if necessary after all flow meters are ensured to be operable and recently calibrated.

Rate Calculations – Kym Holcombe

Ms. Holcombe stated that, according to the financial page handout, the target for the past seven months would be at 58% and the City is currently at 45%, indicating the expenditures and encumbrances to date are below the target.

Mr. Archacki mentioned the new project City of Wilton Manors is currently working on – forcemain tie-in on NE 15 Avenue and NE 18 Street. He stated the engineers are currently working on the design phase.

Mr. Abi-Karam thanked everyone involved in getting the large user agreements signed for the next 20 years.

Next Meeting

The next meeting is scheduled for Wednesday, July 20, 2022, at 1:30 p.m.

Adjournment

Mr. Abi-Karam moved to adjourn the meeting. Meeting adjourned at 1:56p.m.