



CITY OF FORT LAUDERDALE
City Commission Agenda Memo
CONFERENCE MEETING

#26-0374

TO: Honorable Mayor & Members of the
Fort Lauderdale City Commission

FROM: Rickelle Williams, City Manager

DATE: April 21, 2026

TITLE: Prospect Lake Clean Water Center Progress Update – Utility Services
Department (**Commission Districts 1, 2, 3 and 4**)

The purpose of this agenda item is to provide the City Commission with an update on the operational progress of the Prospect Lake Clean Water Center (PLCWC) project. The project continues to advance and remains on schedule for completion in September 2026.

On February 7, 2023, the City Commission approved agreements (CAM #23-0196) with Prospect Lake Water, L.P., along with a Labor Services Agreement with PLCWC O&M, LLC, to design, construct, operate, and maintain the PLCWC to replace the Fiveash Water Treatment Plant. The PLCWC will utilize nanofiltration and ion exchange technologies to produce up to fifty (50) million gallons of high-quality potable water per day and is engineered to withstand a Category Five (5) hurricane.

Construction began in September 2023, with completion required by September 2026, followed by a thirty (30)-year operation and maintenance period. The water treatment plant has a fixed project cost of \$485 million with seventy-five percent (75%) of the funding provided by the City and the remaining twenty-five percent (25%) provided by Prospect Lake Water, L.P. Additionally, the City is investing \$181 million into infrastructure enhancements to integrate the new facility into the existing water system, for an overall City investment of \$666 million.

The following major project milestones were achieved since the Letter to the Commission (LTC) No. 26-011 was distributed on January 14, 2026:

- Infrastructure & Commissioning - All work requiring the use of the tower crane has been completed and the crane has been demobilized. System start-up and testing of Nano Filtration One (1) with water has begun, and ten (10) of the seventeen (17) media filters are now in normal operation. Additionally, two (2) Ion Exchange vessels and several chemical systems, including sodium bisulfite, sodium chloride, and antiscalant, are now active.
- Regulatory & Permitting - The Florida Department of Environmental Protection (FDEP)

approved the Chemical Storage Tank Facility License and staff has submitted the FDEP tank registration. FDEP also approved operational testing for the Injection Well. A meeting with FDEP held on March 30, 2026, for guidance on the permit application to clear the plant for operation was successful. FDEP confirmed that once the permit application is submitted, approval should take two (2) weeks.

- Site & Connectivity - Roadwork plans for the right-hand turn lane into the facility were approved on March 17, 2026. Once Broward County issues the permit, roadwork will commence with a completion date in July 2026. The Information Technology Services Department completed the Administrative Building data network setup.
- Operations & Staffing - Construction on the twelve-inch (12") water main is anticipated to begin on April 27, 2026. A purchase order was issued for wireless controllers for all twenty-eight (28) Prospect Wellfield wells. A total of forty (40) employees will be permanently staffed at PLCWC when it is fully operational. Ten (10) City employees are already on-site. Twenty-one (21) of the positions are filled and will be onsite by May 31, 2026. Nine (9) positions are in various stages of the recruitment process.

Resource Impact

There is no fiscal impact associated with this item.

Strategic Connections

This item is a Fiscal Year (FY) 2026 *Commission Priority*, advancing the Infrastructure and Resilience initiative.

This item supports the *Press Play Fort Lauderdale 2029* Strategic Plan, specifically advancing:

- The Infrastructure and Resilience Focus Area, Goal 3: Be a sustainable and resilient community.

This item advances the *Fast Forward Fort Lauderdale 2035* Vision Plan: We Are Ready.

This item supports the *Advance Fort Lauderdale 2040* Comprehensive Plan, specifically advancing:

- The Infrastructure Focus Area
- The Sanitary Sewer, Water, & Stormwater Element
- Goal 3: Develop and maintain an adequate water supply, treatment and distribution system, which meets the existing and projected needs of the service area in an efficient, economical, and environmentally sensitive manner.

Attachment

Exhibit 1 – Presentation

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Department Directors: Albert J. Carbon III, P.E., Utility Services

04/21/2026

CAM #26-0374