CITY OF FORT LAUDERDALE

PROSPECT LAKE
CLEAN WATER CENTER

Key Milestones

- All design, permitting and procurement activities are progressing in accordance with the Project schedule and the Comprehensive Agreement
- Change Order Source & Status:
  - Comprehensive Agreement:
    - Pre-Treatment & Booster Pump Work – Completed
    - OCCT Work – Anticipated submittal next month
  - City Requested:
    - Project Building Enhancements – Anticipated submittal by end of September
    - Temporary Power Work - Anticipated submittal by end of September
    - PFAS Evaluation – Preliminary evaluation under way
- Team Communications
  - Weekly calls between City, Hazen & Sawyer and Project Company
  - Weekly calls with design teams on design model walk-through
  - Bi-Weekly calls with permitting teams
  - Monthly in-person meetings with all parties
  - Monthly submittals of progress reports and schedule updates
  - Active use of cloud-based document management system (InEight) for all parties

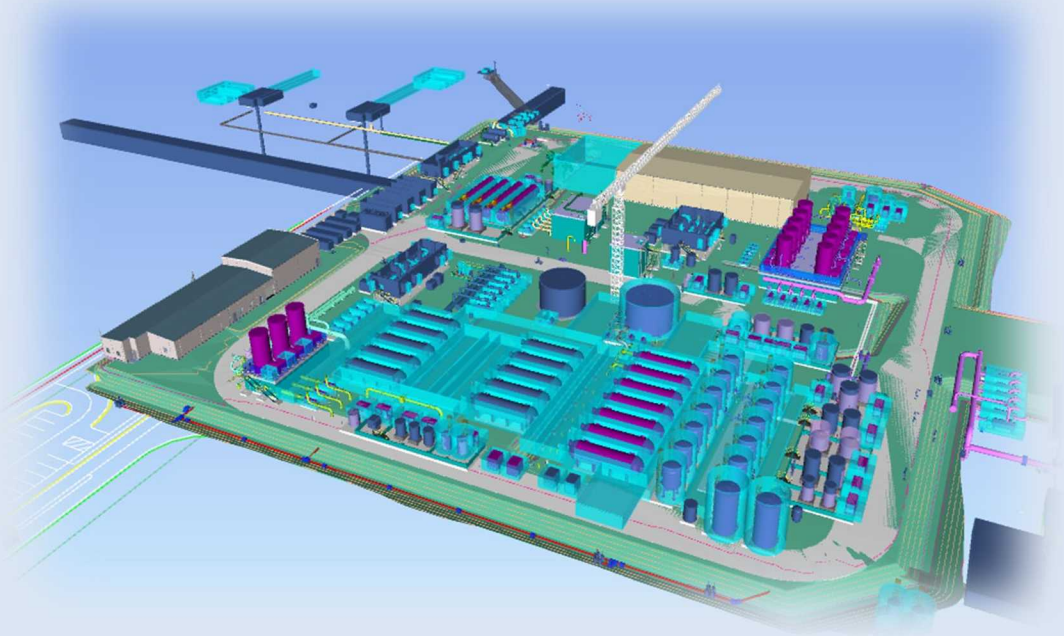
Design Update

❖ Submitted

- Preliminary Design Report
- 30% Buildings
- 60% Civil
- 30% Undergrounds
- Scheduling Comment Resolution Meetings for each of the returned packages

❖ Planned for the Next Two Months

- 60% Buildings
- 90% Civil
- 60% Undergrounds



Permitting Update

- Active Permit Applications:
  - Abandonment of Well 42
  - FDEP UIC Permit
  - Broward County Gen License Zone #1
  - Broward County Gen License Zone #2
  - SWPPP Plan
  - NPDES Permit
  - Broward County Surface Water License
  - Broward County Environmental Resource Permit
  - City Development Review Committee Process
  - City Temporary Construction Trailers Permit

- Critical Infrastructure Agreement between City and County to be approved by both parties this month
  - Agreement allows permitting prior to platting completion (estimated to take until March, 2024)

Procurement Update

- Instrumentation & Controls Subcontract
  - Final negotiations with Revere
  - Anticipate Notice To Proceed (NTP) this month
- Piping/Valves Early Works Package
  - Awarded to Ferguson
  - Anticipate Issued for Construction (IFC) this month
- Buildings Subcontract
  - Final negotiation and selection between two bidders
  - Anticipate NTP this month
- Transformers Subcontract
  - Proposals due this month from 3 bidders
  - Anticipate IFC by end of the month
- FRP Piping Subcontract
  - Proposals due this month from 3 bidders
  - Anticipate IFC in October
- Standby Diesel Generator Subcontract
  - Proposal due this month from 2 bidders
  - Anticipate IFC in October

PFAS Update

- PFAS Background (Ref: *EPA Proposed PFAS National Drinking Water Regulations FAQs)*
  - Per- and Polyfluoroalkyl Substances (PFAS) are manufactured chemicals used in industry and consumer products (e.g., nonstick cookware, waterproof clothing, firefighting foam) since the 1940s
  - The Environmental Protection Agency (EPA) set a proposed Maximum Contaminant Level (MCL) of 4 parts per trillion (PPT)
  - The MCL is anticipated to be promulgated next year along with a proposed schedule for monitoring and implementation of appropriate treatment
- Project Considerations and Activities To Date
  - City directed Project Company to test for PFAS in the well field over the summer; initial results indicated that average PFAS levels were approximately 18 PPT
  - Our design uses one of the most advanced treatment methods for PFAS, but the limiting factor will be where the EPA eventually sets the MCL
  - The City has requested Project Company to evaluate alternatives to comply with the proposed MCL
    - Additional testing will be conducted to confirm PFAS levels over the next several months
    - A report will be prepared that summarizes our findings for the City's review, in particular the benefits, costs, and risks associated with the alternatives
- Next Steps
  - Pending City notice to proceed, Project Company will submit the report within 3 weeks and will initiate additional testing
  - Project Company will submit plan to City to initiate pilot testing
  - City and Project Company will continue to monitor EPA rulemaking and opportunities for state, federal, and/or 3rd party funding available for treatment of PFAS

4" Water Hydrant for Youngquist
Temp Water line w/ Hydrants
CRAFT PARKING
STOCKPILE AREA
STAFF PARKING
PIPE YARD
Maint. & Fuel Storage
Craft Training
RESERVED FOR EQUIPMENT LAYDOWN
Burrowing Owl Mitigation Area
TOPSOIL STOCKPILE
MULCH / DEBRIS STOCKPILE
TEMP PARKING (EARLY WORK)
Building Steel Laydown
Youngquist Laydown Area
Burrowing Owl Mitigation Area

Upcoming Onsite Activities

- Phase 1 mobilization to site – October 2nd, 2023 (19 staff)
- Start tree clearing – October 20th 2023
- Start grading work – October 23rd, 2023
- Install new 48” plant effluent line – November 20th, 2023 (1600 LF)
- Setup office trailer complex – December 1st, 2023
- Start first concrete foundation – December 22nd, 2023
- Set-up tower crane – January 25th, 2024

Thank You
Questions