

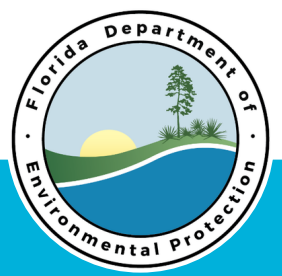


City of Pompano Beach

C-51 Reservoir Capacity Purchase

Non-Sewer Area C Sanitary Sewer Improvements Project

December 13, 2021



Facilities
Plan
Public
Meeting

What is the Project?

C-51 Reservoir Capacity Purchase



- The City has entered an agreement with South Florida Water Management District (SFWMD) to dedicate funds to the C-51 Reservoir Project.
- In return, the City will be granted an additional 2 MGD raw water supply capacity allocation for their western wellfield.



Why is Pompano Beach doing the Project?



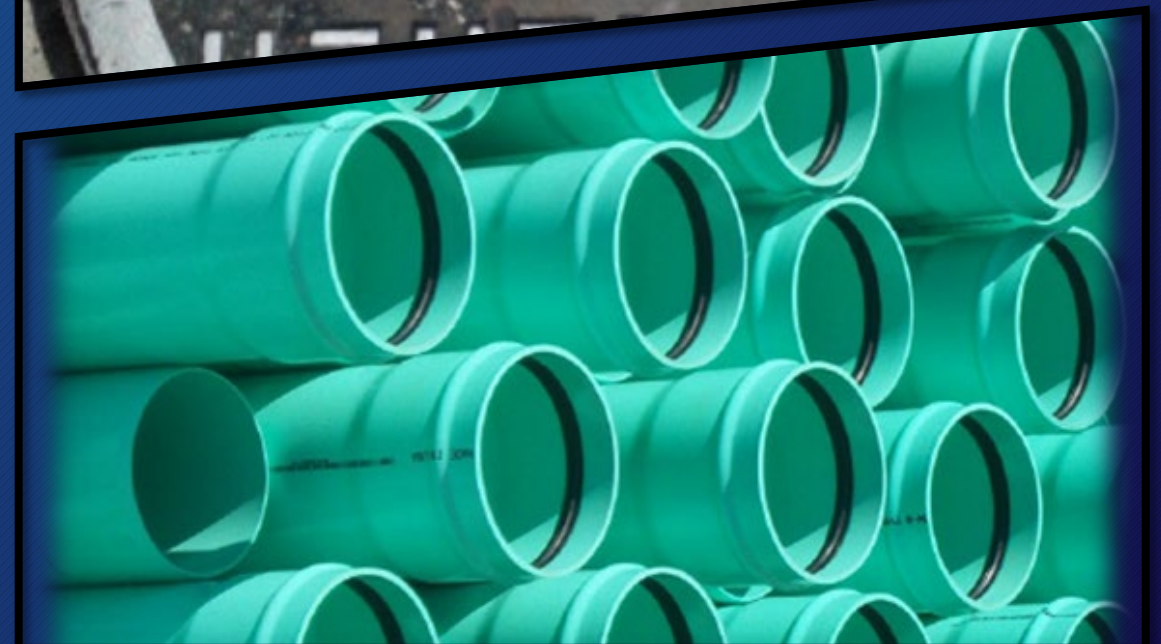
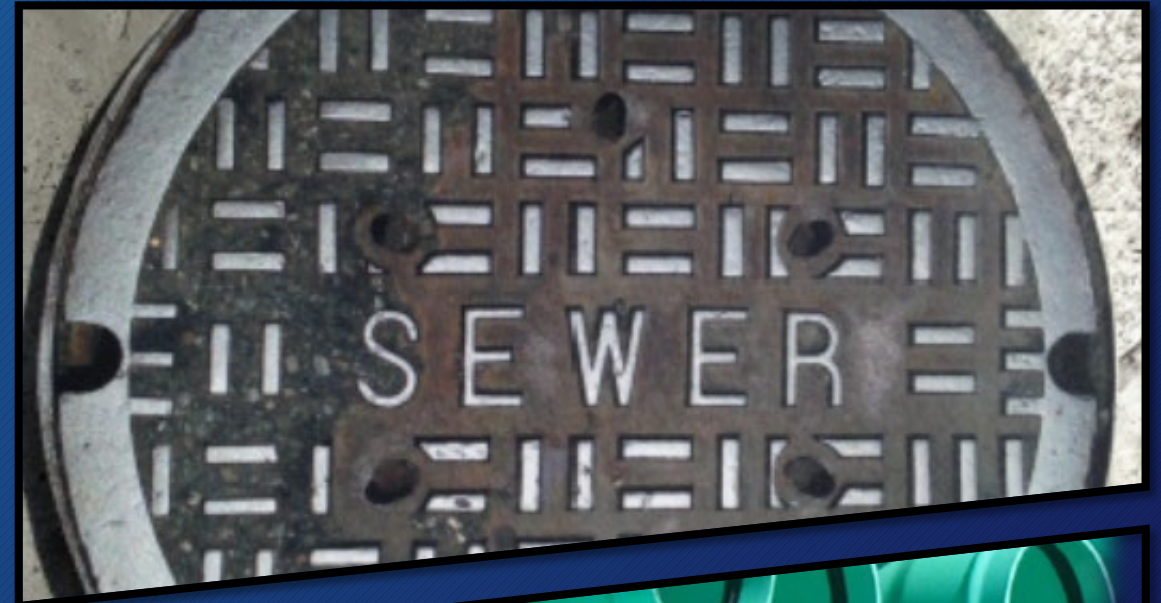
- The City's eastern wellfield raw water supply allocation is limited by SFWMD from November 1st through May 31st of each year to mitigate saltwater intrusion.
- To counter the restriction the city entered into an agreement to purchase an additional 2 MGD of raw water supply capacity allocation for their western wellfield in exchange for dedicated funds for the C-51 Reservoir Project.
- The City's western wellfield is more environmentally sustainable and not susceptible to saltwater intrusion.
- The additional raw water supply allocation will allow the City to provide reliable drinking water to their customers without the need for extensive upgrades to the City's water treatment plant.

What is the Project?

Non-Sewer Area C Sanitary Sewer Improvements



- The city would like to eliminate septic tanks in a commercial / industrial area.
- The area contains no residential properties. The project would be new installation of the following:
 - 28 Manholes
 - Duplex submersible lift station
 - 4,340 LF of gravity sewer
 - 1,735 LF of force mains

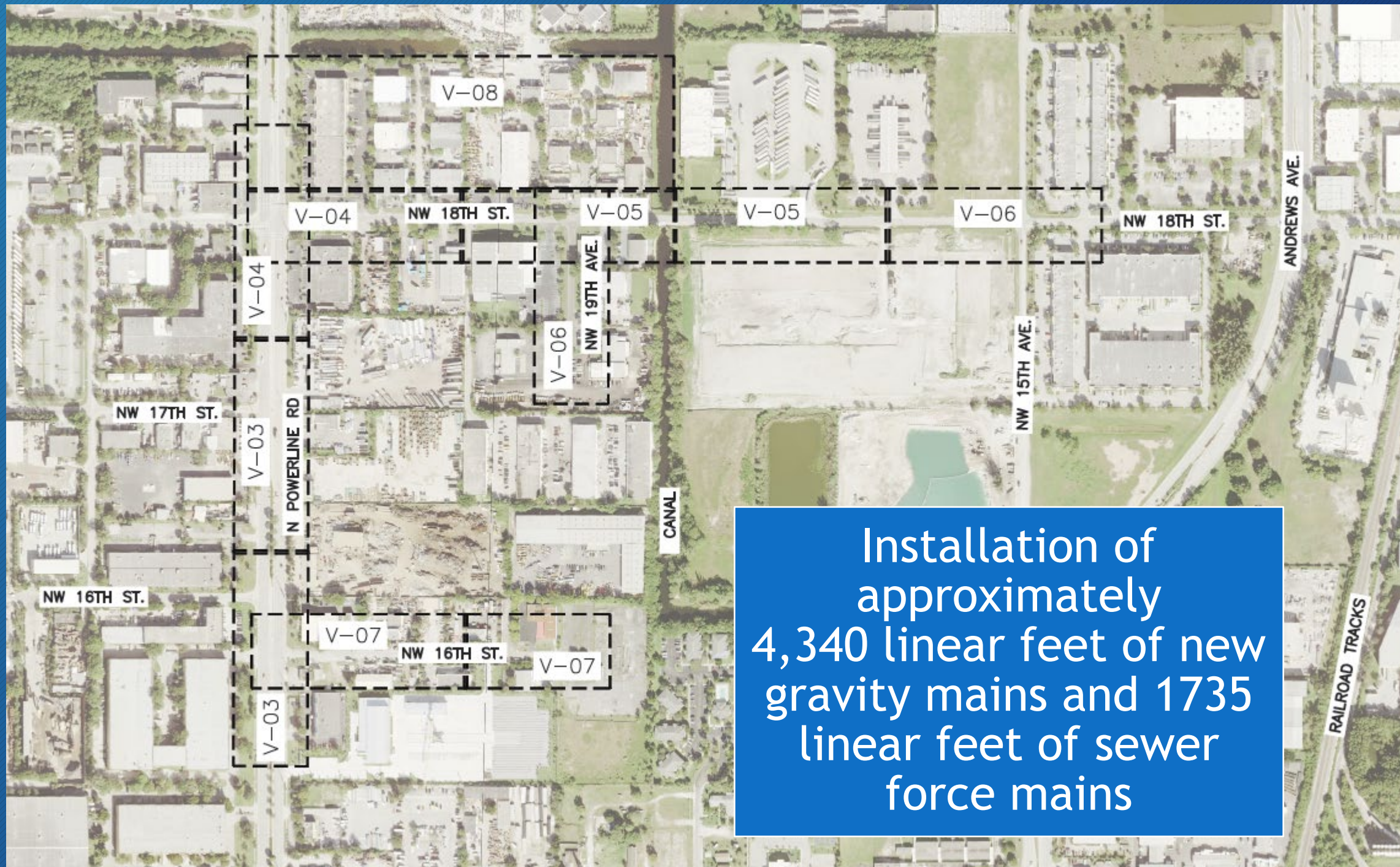


Why is Pompano Beach doing the Project?



- The City's service area population was estimated to be approximately 112,046 based on 2020 census data
- The reduction and elimination of septic systems is one of the ways the city of Pompano Beach is proactively improving the health of the local environment and waterways.

What is the Project?



Installation of approximately 4,340 linear feet of new gravity mains and 1735 linear feet of sewer force mains

This Meeting



- Required by the Florida Department of Environmental Protection
- Public meeting intended to afford individuals the opportunity to comment on:
 - Project and Facilities Plan
 - Economic & Social Effects
 - Location
 - Design
 - Environmental Impact

Pompano Beach's Project Description

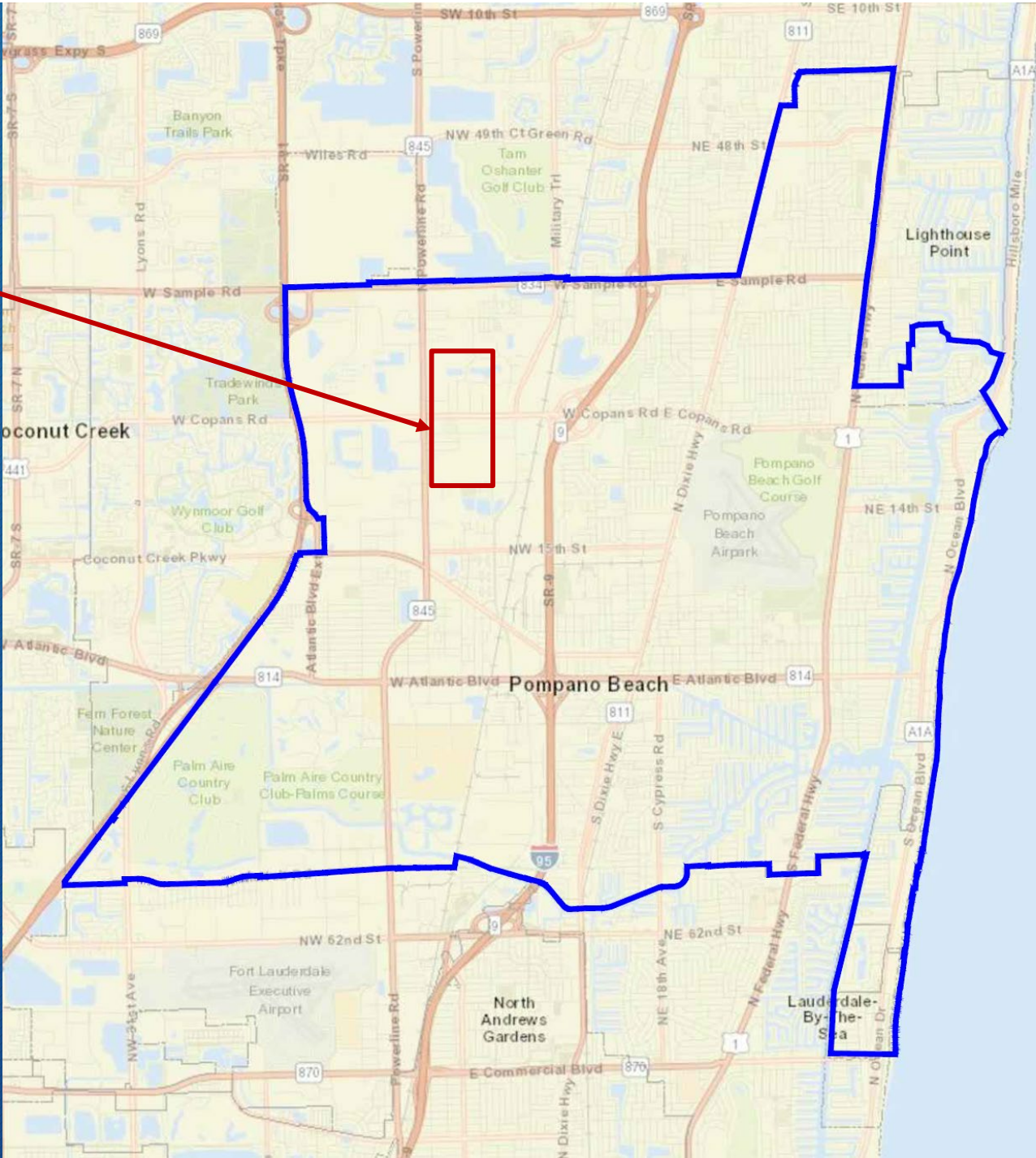


- C-51 Reservoir Capacity Purchase Project
 - Increasing western wellfield raw water allocation from SFWMD by dedicating funds to the construction of C-51 Reservoir
- Construction Cost: \$9,200,000 SRF loan
 - Cost for 2 million gallons per day capacity allocation
- Non-Sewer Area C Sanitary Sewer Improvements Project
 - 28 manholes, approx. 4,340 LF of 8" gravity main, 32 service connections, 1 lift station, and 1,735 LF of 4" and 6" force main.
- Construction Cost: \$2,420,091 SRF loan
 - Estimated Construction Cost: \$2,200,083
 - Technical Services during construction: \$220,008

Pompano Beach's Service Area



Non-Sewer Area
C Sanitary Sewer
Improvement
Project Location



Schedule

C-51 Reservoir Capacity Purchase



- December 2021 - Submitted Facilities Plan
- December 13, 2021 - Public Meeting
- February 2022 - Be on the agenda for approval at SRF Hearing
- April 2022 - Sign State Revolving Fund loan agreement
- September 2022 - C-51 Reservoir Construction Substantial Completion
- October 2022 - C-51 Operational Testing
- December 2022 - Reservoir Final Cleanup and Demobilization
- January 2023 - Commencement of Operations and Payment of capacity Allocation
- February 2023 - Complete close-out project documentation
- March 2023 - Begin State revolving Fund Loan payments to FDEP

Schedule

Non-Sewer Area C Sanitary Sewer Improvements



- December 2021 - Submitted Facilities Plan
- December 13, 2021 - Public Meeting
- December 2021 - Submit plans and specifications to FDEP
- February 2022 - Be on the agenda for approval at SRF Hearing
- April 2022 - Sign State Revolving Fund loan agreement
- May 2022 - Start projection construction
- May 2023 - Complete construction of the projects
- May 2023 - Certify operational performance of project and complete close-out documentation
- June 2023 - Begin State Revolving Fund loan payments

Questions?