

PISCATAWAY BASIN SANITARY SEWER SYSTEM REHABILITATION

Project No. CI/LL/LR7122B21 &
Project No. CI/LL/LR7119B21

June 07, 2021



Agenda

- Introduction to Project Team
- Sewer Rehabilitation Program Overview
- Project Overview
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- Sewer Rehab Methods
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- Questions & Answers

Project Team

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WSSC Water Overview



500,000
Laboratory tests per year

Est. 1918

102 years & counting!

No drinking water quality violations...ever.



162,000,000

gallons per day delivered to **1.8 million** residents



Our drinking water system spans

5,816 miles



3
reservoirs

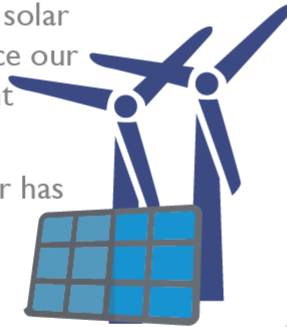


2 Water Filtration Plants



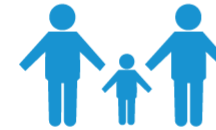
60
Tanks

Using wind and solar energy to reduce our carbon footprint



WSSC Water has **17,000** solar panels

Average daily consumption of **55 gallons** per person per day



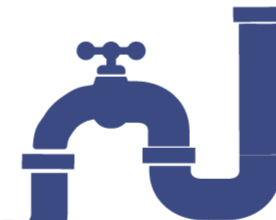
6 Water Resource Recovery Facilities

Our wastewater system spans

5,606 miles



55 pumping stations



43,000+
FIRE HYDRANTS MAINTAINED

FIRE PROTECTION

Sewer Rehabilitation Program Overview

- WSSC Water is strategically replacing and rehabilitating our aging water and sewer pipes throughout our service area, a part of our effort to enhance service and reliability to our customers.
- Provide for correcting structural deficiencies in sewer mains that may result from soil settlement, root penetration, or corrosion, and often contribute to sewage overflows and backups into homes.
- The completed projects will extend the life of the sewer pipes by at least 50 years.

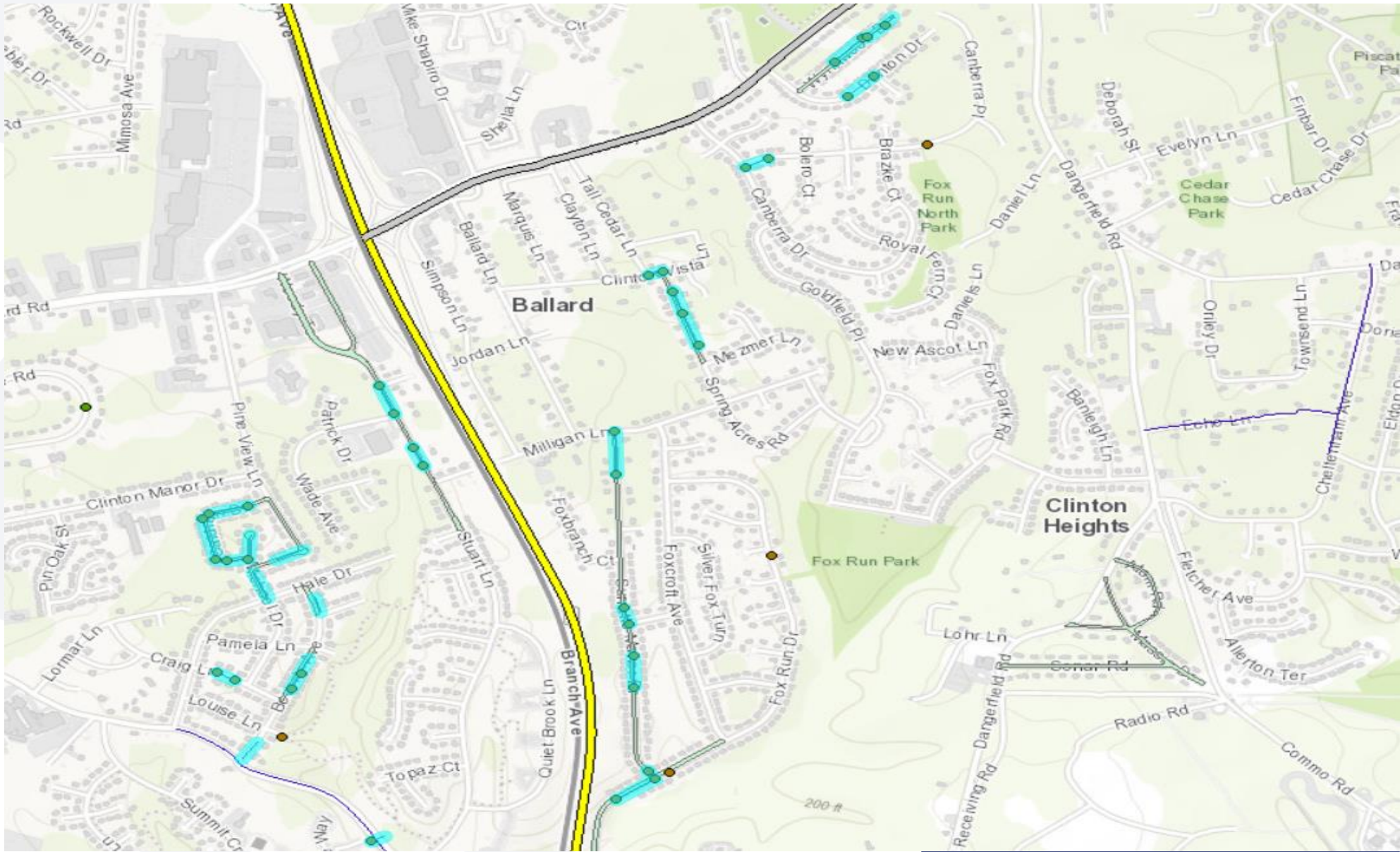
Project Overview

- Sewer pipes and manholes will be rehabilitated using primarily Trenchless methods.
- Pipes and manholes that are in very poor condition will require excavation to replace or repair them.
- Approximately **2.91** miles of sewer pipes will be rehabilitated or replaced;
- Approximately **88** manholes will be rehabilitated or replaced.
- Sewer house service connections (up to property lines) will be replaced and reconnected where sewer pipes are replaced.
- WSSC Water will restore areas affected by construction.

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Directly Impacted Streets

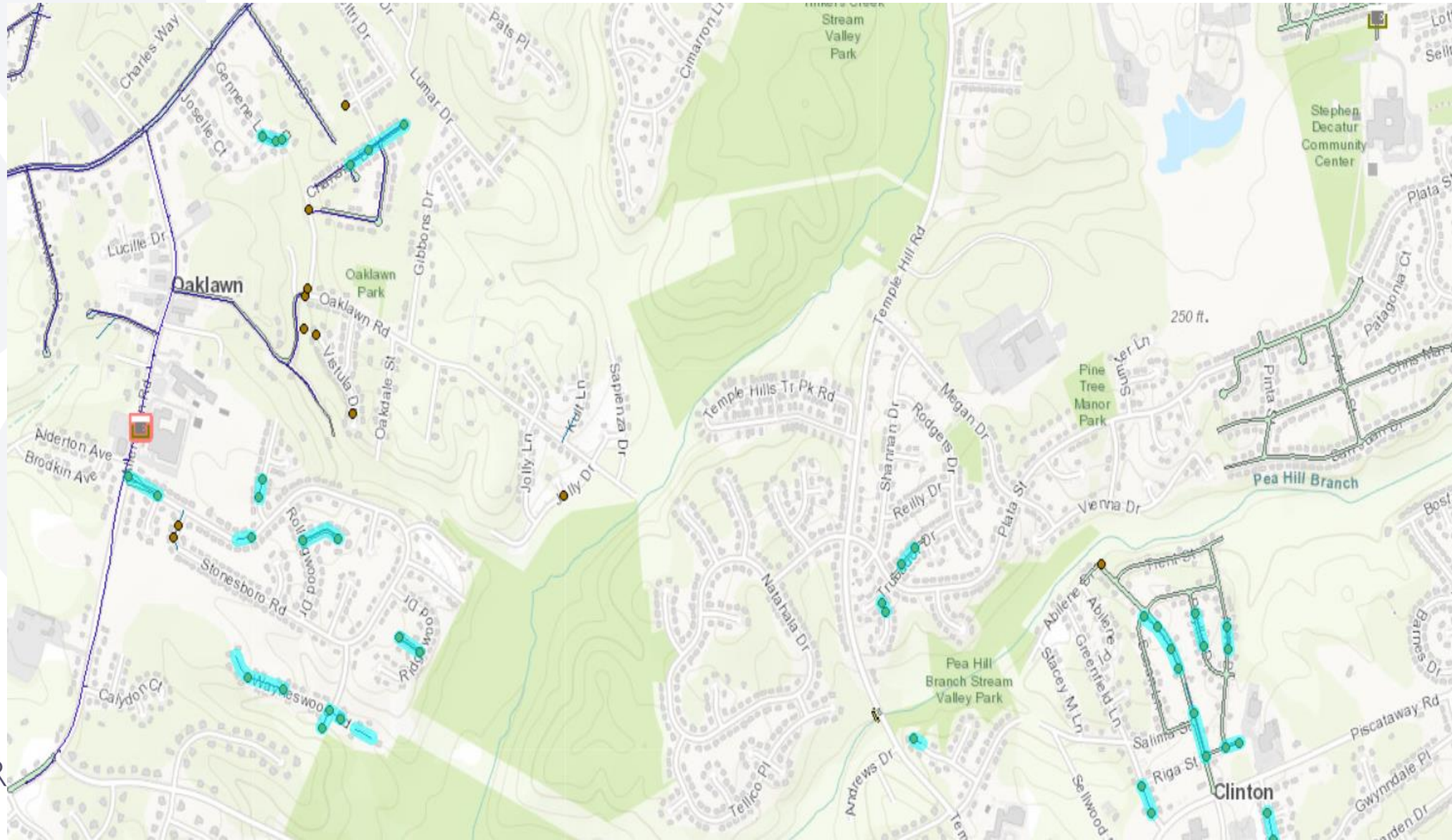
STUART LN
SURRETTS RD
CRAIG LN
BEVERLY AVE
MICHAEL DR
PINE VIEW LN
MICHAEL DR
SPRING ACRES RD
VISTA LN
CANBERRA DR
WYNNWOOD DR
DENTON DR
SURRETTS MANOR DR
LOUISE LN
FOX RUN DR
SURRETTS MANOR DR
TOPAZ CT
CALDRAN DR
MILLIGAN LN
CANBERRA PL
WYNNWOOD DR



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Directly Impacted Streets

WAYNESWOOD RD
ASHBORO CT
CHANDLER DR
FALLSTONE CT
STONESBORO RD
BRIGHTWOOD DR
GENNENE LN
WAYNESWOOD RD
DIXON DR
TRUBADOR DR
SWEDEN ST
SLEEPY HOLLOW RD
OAKLAWN RD
RIGA ST
VISTULA DR
JOLLY CT
PHYLLIS DR
MATADOR CT
ANNA DR
DIXON DR
PELLA PL
DALMATIA DR



Sewer Repairs Types: Trenchless Technology



Sewer Repairs Types: Open Trench



Sewer Repairs Types: Manhole Rehabilitation



Estimated Construction Schedule

Expected Construction Start: Fall 2021

Expected Construction Duration: One Year

Construction schedules are estimated and weather permitting

Operational Changes in response to Covid-19

- WSSC Water has implemented protocols that align with recommendations from local, state, and federal public health authorities.
- Working to minimize impact
 - Facial masks (when indoors) and physical distancing
- All WSSC Water employees and contractors are required to refrain from coming to work if displaying symptoms of COVID-19.
 - We have implemented robust internal contact tracing and quarantine requirements.
- Earlier notification to customers
 - Contact via handouts



What to Expect During Construction

- Anticipated Work schedule: 9:00 a.m. to 3:00 p.m., Monday-Friday
 - Conditions at some locations may require different work hours
 - Residents will be notified at least 2 days prior to all construction activities
- Construction activities may include:
 - Marking locations of utilities
 - Field Inspections
 - Rehabilitation of sewer mains, manholes and laterals (primarily in the roadway)
 - Pavement restoration where digging is necessary
- Reliable sewer service will be maintained during construction



What to Expect During Construction

- Street parking will be limited on streets with active construction.
 - 48-hours advanced notification will be provided.
 - NO PARKING signs will be posted.
 - All roads will remain accessible at all times during construction. However, certain activities may require temporary closures and delays.
- Access from the public roadway to businesses and homes will be maintained at all times.
- Entry into homes is NOT required.
- Tree removal, only when necessary, pruning and/or stump removal.
 - New trees will be planted where trees needed to be removed
 - Trees on private property will not be removed

Traffic Impacts

- Certain construction activities may require temporary changes to traffic patterns
 - Traffic will be managed to minimize community disruptions
- Access will be maintained to homes during construction
 - Access into homes is **NOT** required
 - Access onto private property is generally **NOT** required
- Parking restrictions
 - WSSC Water will provide 48-hour advance (denoted by “No Parking” signs) notice prior to any parking restrictions
 - Any vehicles that have not been removed from the designated area will be towed to a nearby street at no cost to the owner.
- Final restoration of sidewalks, roadways and landscaping will take place within 90 days of construction completion.



Project Summary

- WSSC Water will be rehabilitating pipes, manholes, and some laterals.
 - Lateral work will not extend past the property line.
- WSSC Water is committed to minimizing the impact of construction.
- WSSC Water will restore all areas impacted by construction activities at the end of the project.
- We understand the inconvenience these types of projects can cause and appreciate your patience as we work to provide safe, seamless and satisfying water and sewer services, for our customers every day.
- Sign-up at www.wsscwater.com/CNS, to receive emails and/or text alerts so you can keep updated on work in your neighborhood.

QUESTIONS?

