



Orient Water Forum

**Presented by the Suffolk County Water
Authority**

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What SCWA is...

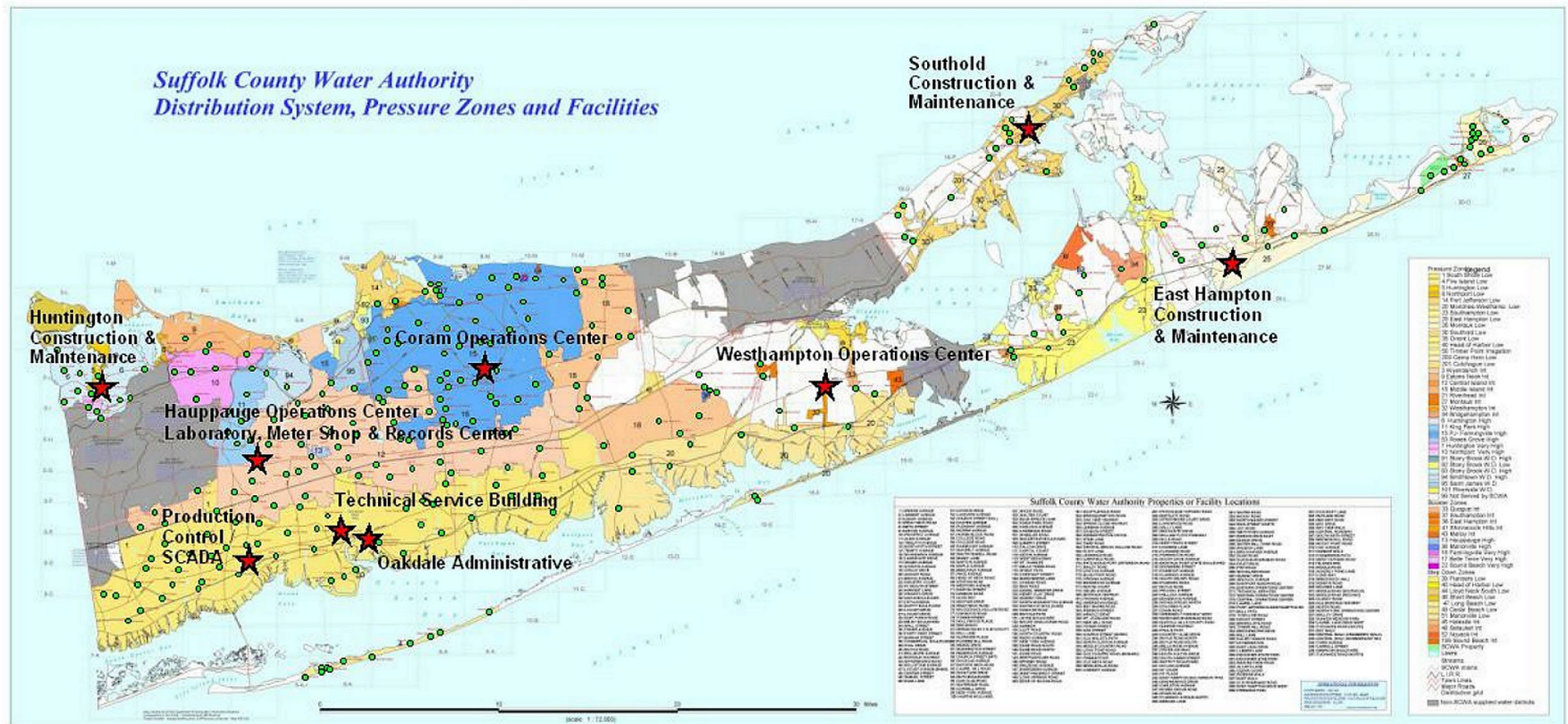
- The Suffolk County Water is one of the largest **groundwater suppliers** in the country. We've been at the cutting edge of the drinking water industry for more than **75 years**.
- SCWA is **a not-for-profit independent public-benefit corporation** operating under the Public Authorities Law of the State of New York.
 - We operate without taxpayer or investor dollars. All revenue we collect from our ratepayers gets invested back into our system.
- SCWA serves approximately **1.2 million** Suffolk County residents or 85% of the population in Suffolk County.

What SCWA is **not**...

- SCWA is **not** a branch of Suffolk County Government.
- SCWA does not create or enforce drinking water standards, but we are responsible for following regulations set by the of the U.S. Environmental Protection Agency (EPA) and New York State Department of Health (DOH).



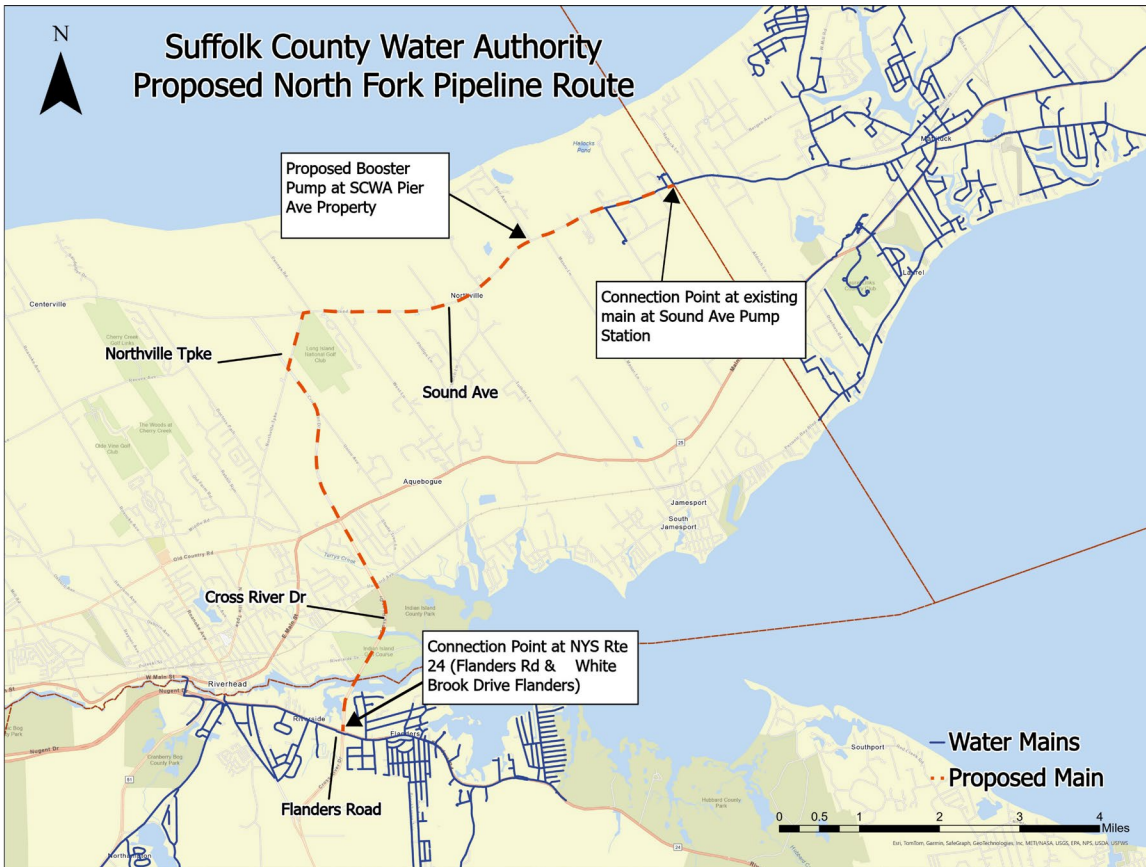
SCWA Service Territory and Pressure Zones





**Bringing SCWA Water
to the North Fork**

The North Fork Pipeline



The Pipeline:

- The North Fork Pipeline will consist of 8.5 miles of 24" water main from Flanders to Southold.
- The pipeline is a system improvement. The cost of this pipeline will be paid for out of the SCWA annual capital budget.
- The pipeline will connect to the existing distribution system in Southold at or near the town line.

Project Benefits



With less reliance on shallow Southold wells, SCWA will be able to cutback on the use and possibly **retire wells** impacted by saltwater intrusion or emerging contaminants in Southold and thereby avoid the cost of new treatment systems.



Importing water from outside the Southold hydrogeologic cycle will provide additional recharge to help **restore** Southold's thin aquifer.



With SCWA pumping less water from Southold, the agriculture industry can pump water for irrigation with **less risk** of saltwater intrusion.

Fire Safety



The Southold community relies on water supplied by SCWA for fire protection and emergency response.



In order to provide adequate pressure for fire flow, SCWA needs its water storage tanks to have adequate supply.



During peak summer demand, storage tanks on the North Fork can run dangerously low, particularly the Moore's Lane tank in Greenport.



This has led to customers experience low pressure in the early morning hours when the demand is at its highest.



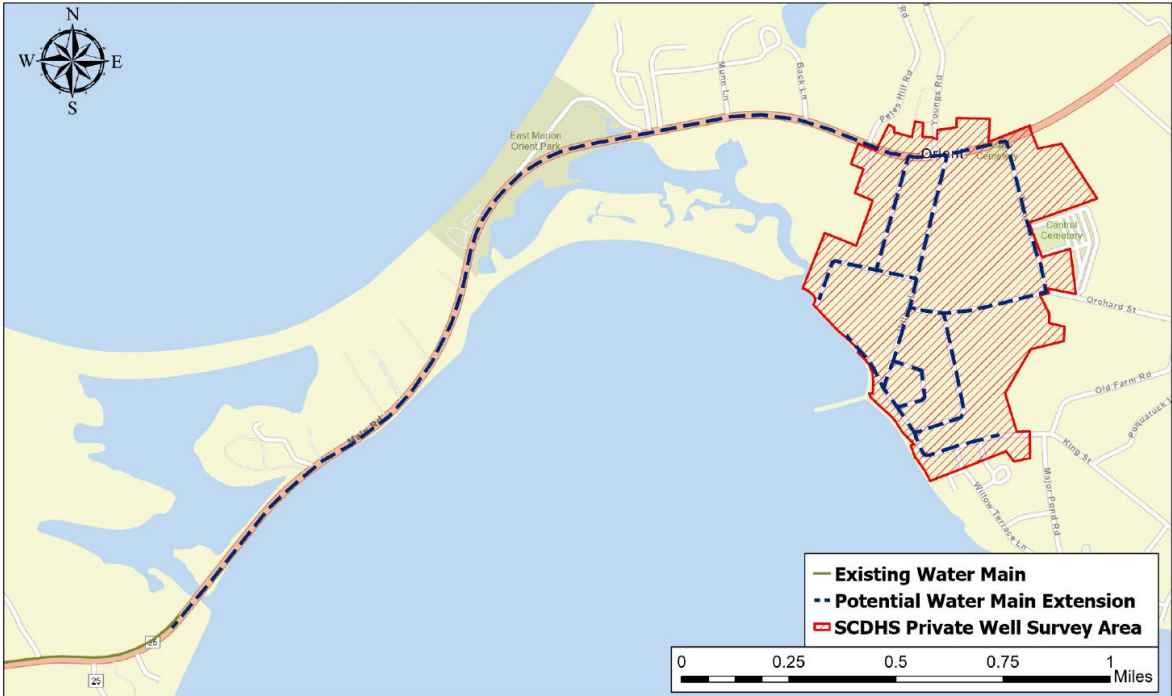
Fire fighters may not have enough water and pressure to respond to an emergency if a major fire were to breakout.

Update on The Environmental Review Process

- LEAF posted on May 9, 2025.
- SCWA held three public scoping sessions on
 - June 4, 2025
 - June 10, 2025
 - June 12, 2025
- The scoping comment period was extended twice.
- Final deadline for public comments was August 4, 2025.
- Over 100 comments were received.
- Final Scope is being prepared.



**Public Water in
Orient?**



- There is no immediate plan to extend water main to Orient.
- The extension, or “Phase 2”, is being considered in the environmental review to be transparent and incorporate the possible extension in the future.
 - Failing to do this as part of this environmental review could be considered “segmentation”, which is prohibited under SEQRA rules.
- Expansion into Orient would **require input** from the affected residents and that they cover the cost of the extension.



The Public Water Extension Process

- Extensions of public water are typically paid for by the customers that are served by the extension.
- SCWA rules and regulations call for the establishment of a surcharge that is to be paid by customers along the route of the extension. The amount of the surcharge is determined by the cost of the extension divided by the number of existing homes along the route.
- SCWA canvasses an area to determine which homes are interested in connecting to public water.
- SCWA requires that at a minimum, 40% of the customers along a route must agree to “sign up” in order for a project to go forward. In the case of contamination, such as in parts of Orient, SCWA requires 25% participation.
- Connecting to SCWA is not required. Homeowners can remain on their private well.



Public Water Extensions (Continued)

- In some cases, an extension is paid for by third parties.
- Per SCWA rules and regulations, in cases where there is a third party or polluter paying to extend water, the third party is required to pay 100% of the cost.
- The Suffolk County Department of Health Services assesses areas of the county where PFAS contamination may be present. Based on their findings, they create a priority list for public water connection.
- Since 2018, SCWA has been awarded **\$28 million** from federal, state and local governments to connect up to 1,053 homes to high quality public drinking water.
- These grants will reduce or, in some cases, **eliminate** the cost to connect for these new customers



Total Water Main Footage = 21,632 Feet

Number of homes = 222

Total Cost of Water Main = Approx \$7.8M

Taps and Service lines = Approx \$3.2M

Total Project = Approx \$11M



**Recent Projects That
Brought Public Water
to Communities
Impacted by Emerging
Contaminants**

0.5 Miles

•• Manorville-Riverhead Main Extension
 — Existing SCWA Water Main

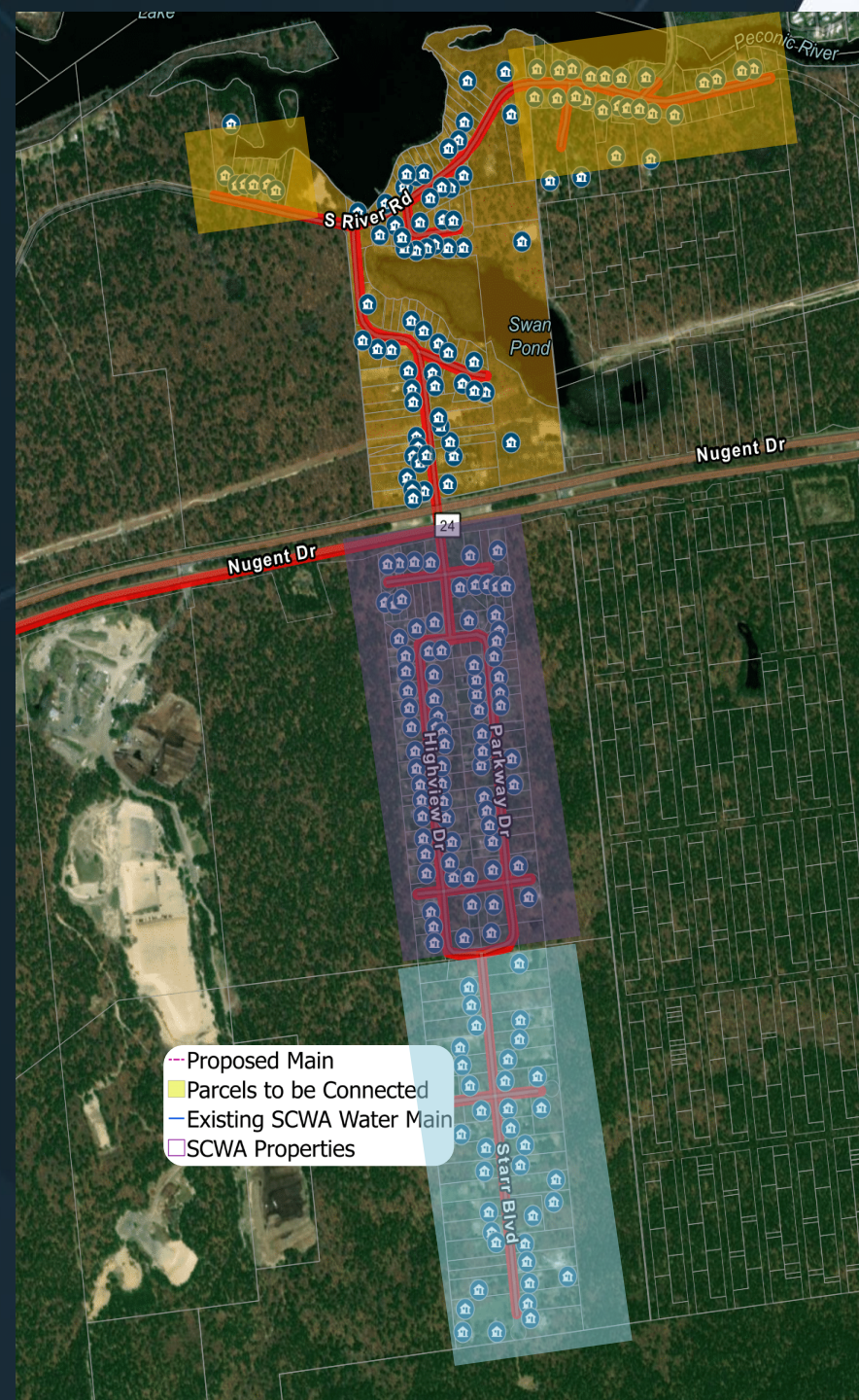
2022 Manorville-Riverhead AV Design
 EIR/CEIS: 2022.02.01 12:00 PM by eir/ceis
 Service Layer: 2022.02.01 New York State, Palmyra

- • Manorville-Riverhead Main Extension
- Existing SCWA Water Main

0.5 Miles

South River Road Project Highlights

- COST:
 - PHASE 1: \$6.6 million to connect 92 homes
 - PHASE 2: \$3.2 million to connect 81 homes
 - PHASE 3: \$1.3 million to connect 36 homes
- FUNDING:
 - PHASE 1:
 - 🏠 \$5 million from Congressionally Directed Spending
 - 🚚 \$1.85 million from BIL
 - ⊕ \$1.8 million from ARPA
 - PHASE 2:
 - 🏠 \$700k from WIIA
 - ⊕ \$2.1 million from ARPA
 - PHASE 3:
 - ⊕ \$1.3 million from ARPA
- TIMELINE: PHASE 1 construction will begin this month.





Thank You

