



06/04/2024

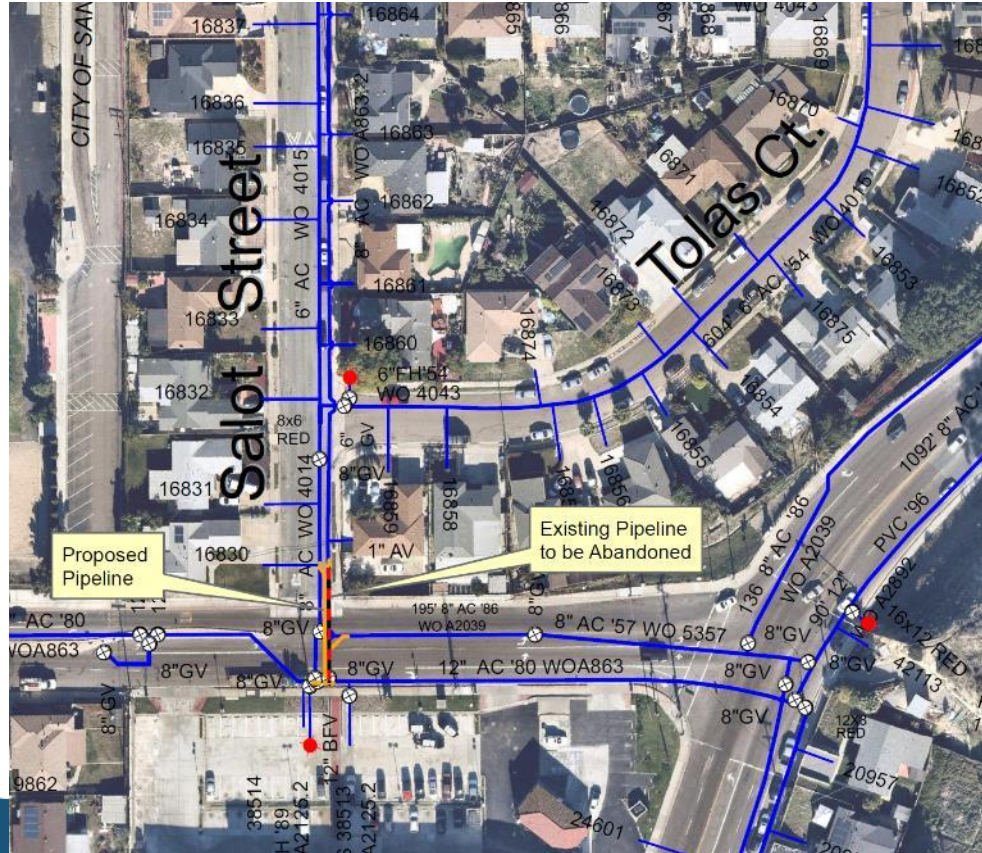
Capital Projects in National City and Temporary Test Well at Stein Farm

Erick Del Bosque, Director of Engineering and Operations
Paul Oberbauer, Engineering Manager of Water Resources/Environmental

Pipeline Replacement – Salot Street

Tolas Ct to E 8th Street
8-inch diameter PVC

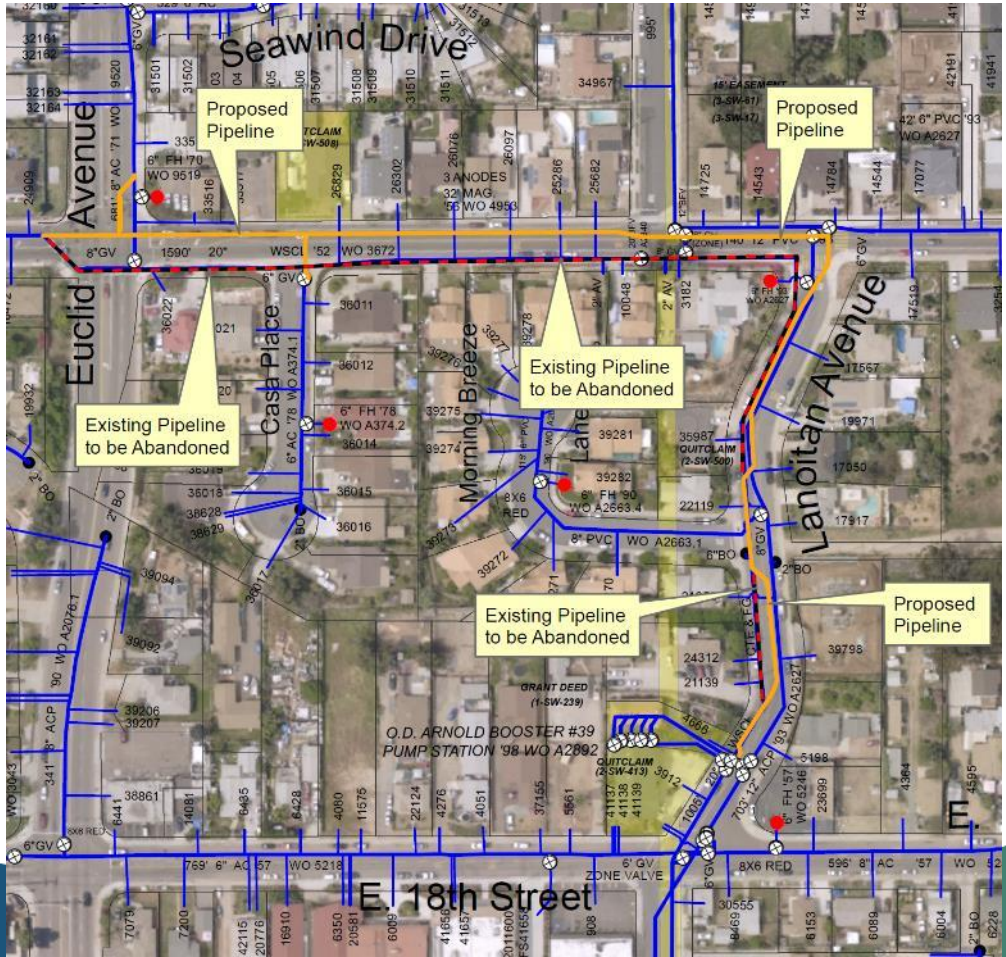
- Mobilization planned Mid-June
- Work planned to be complete by October



Pipeline Replacement – E 16th Street , Lanoitan Avenue

Euclid Av. to E 18th St.
20-inch diameter PVC

- Mobilization planned Mid-July
- Work planned to be complete by October



National City Wells Iron & Manganese Removal System

1. 10/2023 Advertised for bids
2. 1/2024 Rejected bids due to insufficient budget (Low Bid \$9.3M)
3. 4/2024 Federal Grant for \$959,752
4. Design modifications are in progress
5. Re-advertisement planned late Summer 2024



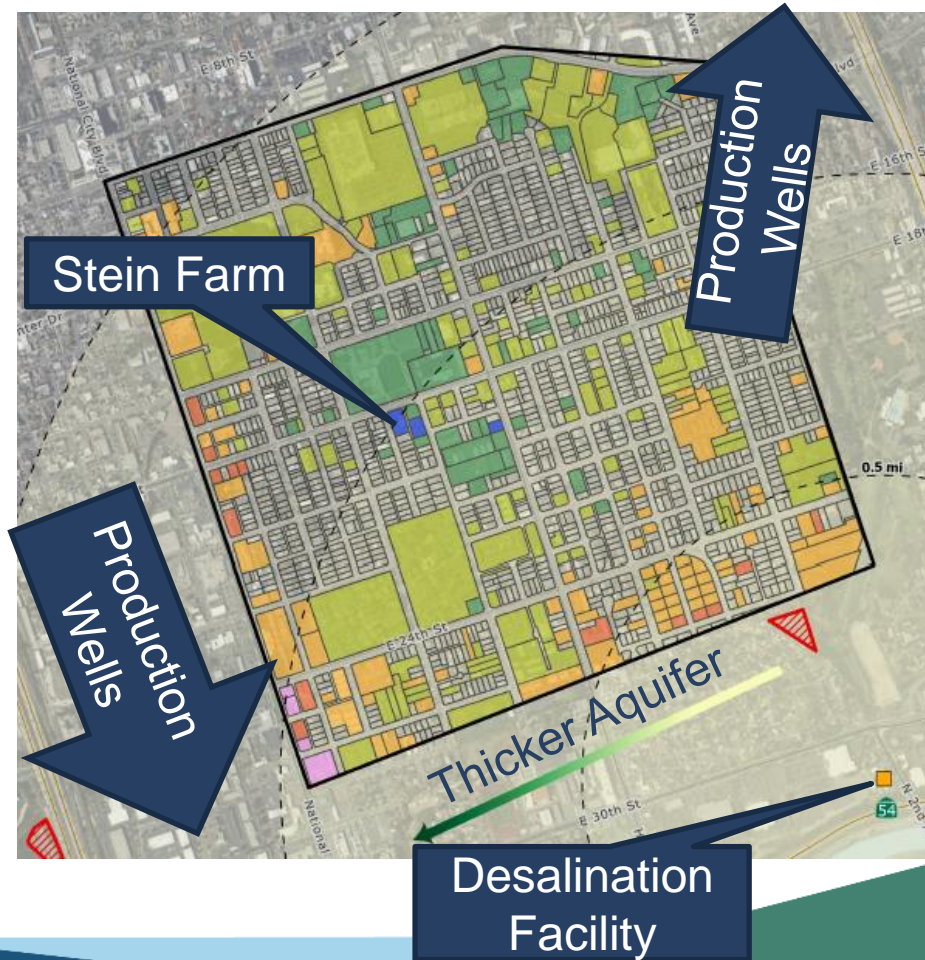
Well Siting Study in National City

- Sweetwater Authority operates 14 regionally-unique groundwater production wells in National City and Northwest Chula Vista
- Additional brackish groundwater well would support operational reliability
- Obtained an approximately \$800,000 grant from CA Department of Water Resources for the study
- Well siting study identified candidate sites for a ~6-week test well to determine quality and quantity of water produced at a site



Well Siting Study

- Stein Farm one of top-ranked sites considered
- Authority has had an easement at Stein Farm for an existing monitoring well since 1993
- Test well would include noise abatement barriers, notifications to neighbors
- Surface restored after test
- Minimized impact to facility operations



Next Steps

- Test well planned to start June 17
- If results show the site is suitable for production, Authority will request to amend existing easement to allow for a possible production well at Stein Farm and permitting for transmission pipe
- A new production well would be a valuable asset to National City to reduce dependence on costly imported water supply



Conceptual test well layout
(subject to change)

Questions?



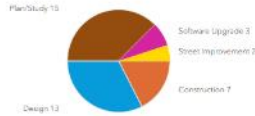


This dashboard shows current projects for Sweetwater Authority. You can use the filter below to sort through project phases.

Filter

Phase is: - All -

Projects by Phase



Total Projects

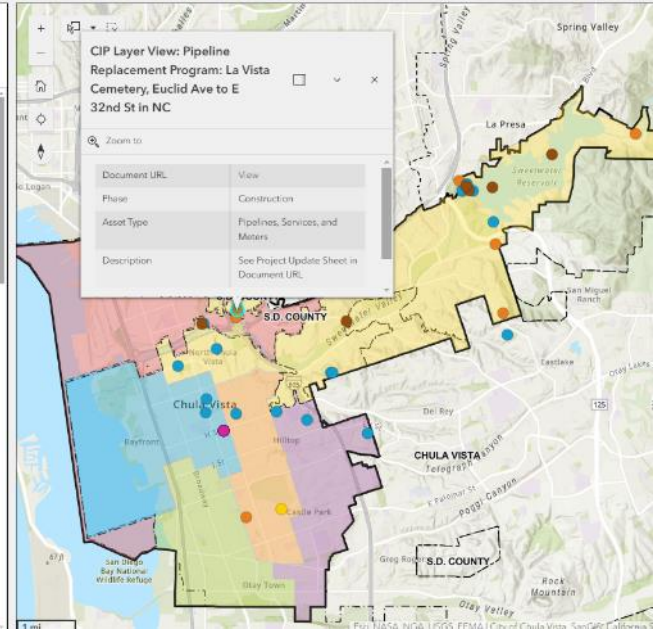
40

Project List

Last Updated: 4/26/2024

Schedule

- Cathodic Protection of Three Storage Tanks: Bonita Highlands #1 and #2
- Cathodic Protection of Three Storage Tanks: McMillin Tank
- San Miguel Rd Pipeline to Central Wheeler Tank
- Cleanwell Effluent Meter Replacement
- Pipeline Replacement Program: Salot St, Tolas Ct to E 8th St in NC
- Pipeline Replacement Program: E 16th St, Euclid Ave to Pump Station No. 39 in NC
- Pipeline Replacement Program: La Vista Cemetery, Euclid Ave to E 32nd St in NC
- Pipeline Replacement Program: E 32nd St, between Olive St and Orange St in NC
- Pipeline Replacement Program: Olive St, E 32nd St to Sweetwater Rd in NC
- National City Wells Iron and Manganese Removal System
- Aeration/Destratification System for Sweetwater Reservoir
- Hazardous Tree Removal Defensible Space at Perdue
- Central Wheeler Tank
- Tank Rehabilitation Program: Claire Vista B Tank
- Tank Rehabilitation Program: Halecrest Tank
- Tank Rehabilitation Program: Desal Chlorine Contact Tank
- Tank Rehabilitation Program: Cherry Hills Tank
- Tank Rehabilitation Program: Bonita Valley Reservoir
- Customer Water Bill Payment Kiosk



Contact Us

Erick Del Bosque, Director of Engineering and Operations
edelbosque@sweetwater.org
 619-409-6750

Paul Oberbauer, Engineering Manager
poberbauer@sweetwater.org
 619-409-6752

For Additional Project Details:
www.sweetwater.org/148/Current-Projects
 Click on “CIP Dashboard”

