



SCOTTS VALLEY WATER DISTRICT

FY 2023 Capital Improvement
Program: Mid Year Update
Nate Gillespie- Operations Manager

Funded Projects:



FY22 Projects (Rolled Over):

- Hacienda Pump Station
- Bethany Tank Rehabilitation
- Sucinto Well (3B Replacement) & Lompico Formation Well



FY23 Projects:

- Intertie #1- Scotts Valley-City of Santa Cruz Water System Interconnection
- Main Replacement Program
- Monte Fiore Pump Station Rehab
- Service Line Replacement in Monteville
- Corp Yard Improvements

Hacienda Pump Station

Current Progress:

- Concrete block building installed
- In possession of plumbing and pumps
- Electrical control panels are completed
- Electrical distribution panel is nearing completion



Remaining to be completed:

- Installation of plumbing, set pumps and motors
- Testing of motor controls
- Tie over to distribution system and abandon plumbing in the street
- Install backup power and associated appurtenances



Bethany Tank Rehabilitation

Current Progress :

- Temporary tanks have been installed and piping connected.
- Temporary perimeter fencing has been installed around temporary tanks.
- Temporary tank controls installed on SCADA
- VFD installed at Sand Hill Booster Station
- In contract with Rehabilitation Specialist (RWMCE).



Upcoming Actions:

-Drain Bethany tank and operate the pressure zone on temporary tanks.

-Rehabilitation specialist will inspect structural members, existing coating thickness and general condition of the internals of the tank. Once completed, Rehabilitation Specialist will provide a recommendations report. Estimated to be completed by 5/1/2023.

- Once recommendations report is received, SVWD can go out to bid on design and rehabilitation of the tank. FY 2024.



Sucinto Well

Current Progress:

- Montgomery & Associates is in contract for construction management of the well.
- Working with Miller Maxfield regarding outreach to neighbors as well as ratepayers
- Maggiora Bros Drilling is in contract for drilling of the well.
- Drilling is expected to commence in late Spring 2023.



Intertie #1

Project highlights:

- Grant funded \$9.45M project.
- Installation of 9,200 LF of 12" pipeline down La Madrona Dr and a pump station.
- 70% design comments from SVWD and COSC submitted to project designer (KJ).
- SVWD staff frequently meets with design team as well as City of Santa Cruz staff to discuss logistics, water quality and operational considerations.

Critical milestones:

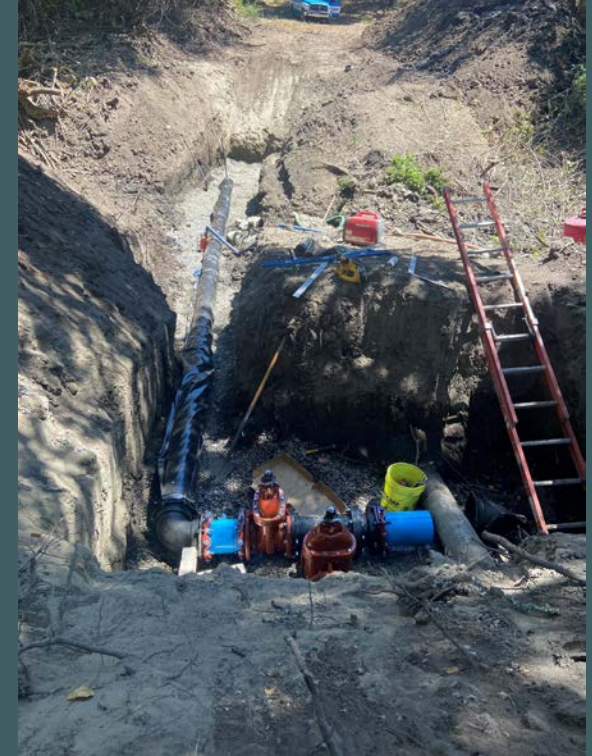
- 100% Design completion anticipated in summer of 2023.
- Construction anticipated to begin in early 2024 and last approximately 18 months.



Water Mains:

Bean Creek Rd Main Repair (12/2022):





Water Mains:

Canham Rd Creek Crossing (August 2022):



Water Mains:

Carbonera Creek Crossing at Janis Wy (October 2022)



Monte Fiore Pump Station Rehabilitation

- Reached out to engineering firms to provide bids on redesign of station.
- Current pump station does not have a roof and is exposed to the elements.
- Underground welded steel piping is difficult to access and continues to spring pinhole leaks.
- Pump station suction lines are undersized.
- Control panels are antiquated.





Questions?

