



Wastewater Treatment



TRANSFORMING
WASTEWATER
TO RESOURCES



Recycled Water



Energy Production



Biosolids Reuse

Emergency Repair Authorization: Shore Acres Pump Station Forcemain

Special Board of Directors Meeting
December 11, 2024

Shore Acres Pump Station Forcemain Failure Site Location



Shore Acres Pump Station Forcemain Failure Event Summary



- Identified failure of SAPS Forcemain at 3:20 pm on Mon (12/2)
 - Ongoing sanitary sewer overflow (SSO) (~one million gallons per day)
 - Conducted initial site visit with construction contractor at 4:30 pm
- Initiated construction contractor mobilization at 5:30 am on Tue (12/3)
 - Excavate at failure point to determine if repair is possible
 - Install aboveground temporary piping system to restore operation
 - Initiated storage of incoming flow using onsite tank (800,000 gal) at 9:30 am—temporarily stopped SSO conditions
- Utilized 324 sewer cleaning vacuum truck runs to remove ~667,100 gallons upstream of failure point—minimized potential SSO conditions during construction (12/3-12/4)
- Completed point repair (20-ft section) of SAPS FM and returned to service at 5:30 pm on Wed (12/4)—48 hours after discovery
- Installed 0.9-mile temporary piping system as backup on Fri (12/6); however, continuing to address leaks, pursuing improved pipe system

Shore Acres Pump Station Forcemain Emergency Point Repair Work



Excavation Work to Expose SAPS
Forcemain Failure Point (Tue, 12/3)



Installation of 20-ft PVC Section to
Repair Forcemain (Wed, 12/4)

Near-term Focus Areas

- Completing installation of temporary piping system (replacing pipe type)—expected completion in one week
 - Existing temporary pipe system provides some redundancy
 - Following pipe type replacement, allows staff to inspect forcemain and address any additional repairs, as needed
- Engaging with CA Department of Fish and Wildlife and Regional Water Board to assess site restoration approaches
 - Staff is working to contract with biologist(s), site restoration companies
 - Completing extended water quality monitoring in receiving waters
- Meeting regulatory reporting requirements
 - Submitted 3-day Draft Spill Response on Thu (12/5)
 - Upcoming 15-day and 45-day Spill Response Reports

Recommended Actions



- 1) Adopt a resolution declaring that, as of December 2, 2024, public interest and necessity demanded the immediate expenditure of public money to repair the unanticipated structural failure of a 16-inch pressurized segment of the Shore Acres Pump Station Forcemain, to safeguard life, health, and property, without submitting the expenditure to bid, in accordance with Public Contract Code Section 20783.
- 2) Ratify the General Manager's establishment of a new Fiscal Year 2024/2025 (FY24/25) project within the Wastewater Capital Asset Replacement (WW CAR) Fund, entitled Shore Acres Forcemain Repair Project, and the transfer of monies to this project from the WW CAR Fund Reserves (\$200,000) and POC HVAC System Improvements Project (\$400,000), for a total project budget of \$600,000.

Recommended Actions



- 3) Ratify the General Manager's negotiation and execution of agreements for material procurement, construction, and other related services as required to complete the emergency repair of the Shore Acres Pump Station Forcemain, including installation of a temporary bypass piping system, in a total combined amount not to exceed \$600,000.
- 4) Determine that the emergency repair of the Shore Acres Pump Station Forcemain is exempt from environmental review under the California Environmental Quality Act (CEQA), pursuant to Section 15302 (Replacement or Reconstruction) of the CEQA Guidelines, and direct the General Manager, or his designee, to file a CEQA Notice of Exemption (NOE) with the County Clerk-Recorder.