

Locate Discharge Pipe; Outfalls at Four Blow-off Stations (2013-2-43)

Project Ranking

39%

Total Estimated Cost: \$40,000



Background

Blow-off valves exist on all low points of a water system. Along the South Coast Conduit (SCC), these valves function to dewater the SCC should it be necessary to shut down a section to perform essential work. Certain valves and associated piping are over fifty years in age and in poor condition. The blow-off valve is located within a concrete structure and the discharge pipe extends to the outside from the vault.

Need for Project

Staff has been unable to locate point of discharge on four blow-off stations. Therefore, it appears the discharge piping has been buried in silt for an extended period of time and has no screening to prevent the migration of storm water and/or animals into the discharge pipe and subsequently into the structure.

Description

This project would locate and replace inoperable blow-off valve discharge piping and install flap valves on the discharge pipe within the identified Lower Reach blow-off stations. It is anticipated that the proposed work will be conducted by COMB Operations staff.

Regulatory Compliance

This project has been identified by the USBR as a Category 2 recommendation.

Budget & Schedule

Internal Staff Estimate

| Fiscal Year | Cost |
|--------------------|-----------------|
| 2019-20 | \$40,000 |
| Total | \$40,000 |