

PROJECT D3

SEDIMENT REUSE TO SUPPORT ~~SHORELINE~~ RESTORATION PROJECTS

This project reuses local sediment removed through Valley Water’s Stream Maintenance Program, capital projects and other local sources to create and restore tidal marsh, **riparian or wetland** habitats. Sediment may be reused to support the South Bay Salt Pond Restoration project or other environmental enhancement and restoration projects. Valley Water removes sediment from streams to maintain their capacity to carry floodwaters. To secure environmentally appropriate reuse sites, **partnership agreements may be required**. ~~this project continues the existing partnership with the U.S. Fish and Wildlife Service (FWS) and explores partnerships with others.~~ This project also funds site improvements necessary to facilitate sediment delivery to the reuse sites.

Beneficial reuse of sediment has become a key component in tidal marsh, **riparian or wetland** restoration around the ~~Bay~~ **bay and throughout the county**. As sea levels rise, natural sedimentation and vegetation rates cannot keep up and tidal zones are in danger of being submerged, erasing environmental gains from restoration work. By delivering clean sediment from local creeks that would have naturally flowed into the San Francisco **or Monterey** Bays, this project accelerates natural marsh-building processes and helps to keep up with sea-level rise. Activities necessary for sediment reuse may include testing, transport, cover material, and site improvements required for access.

Benefits

- Accelerates progress of important tidal wetland restoration projects, **including tidal marsh, wetland, and riparian habitat**
- Reduces disposal costs for sediment that has been removed from local channels
- Reduces disposal of clean fill into local landfills
- Addresses climate change

Key Performance Indicators (FY22–36)

1. ~~Maintain partnership agreements to reuse sediment to improve the success of salt pond and tidal marsh restoration projects and activities.~~ **Reuse sediment meeting applicable screening criteria at available Valley Water or partnership project sites to support restoration.**
2. Provide up to \$4 million per 15-year period to support activities necessary for sediment reuse.

Geographic Area of Benefit: Countywide

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