

Summary of Key Performance Indicators for the 15-Year Program

Project	Key Performance Indicator
Priority A: Ensure a Safe, Reliable Water Supply	
A1 Main Avenue and Madrone Pipelines Restoration	1. Restore transmission pipeline to full operating capacity of 37 cubic feet per second from Anderson Reservoir. 2. Restore ability to deliver 20 cubic feet per second to Madrone Channel.
A2 Safe, Clean Water Partnerships and Grants	1. Award up to \$1 million to test new conservation activities. 2. Increase number of schools in Santa Clara County in compliance with SB 1413 and the Healthy Hunger-Free Kids Act, regarding access to drinking water by awarding 100% of eligible grant requests for the installation of hydration stations; a maximum of 250 grants up to \$254,000. 3. Reduce number of private well water users exposed to nitrate above drinking water standards by awarding 100% of eligible rebate requests for the installation of nitrate removal systems; a maximum of 1,000 rebates up to \$702,000.
A3 Pipeline Reliability Project	1. Install 4 new line valves on treated water distribution pipelines.

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Priority B: Reduce Toxins, Hazards, and Contaminants in Our Waterways	
B1 Impaired Water Bodies Improvement	1. Operate and maintain existing treatment systems in 4 reservoirs to remediate regulated contaminants, including mercury. 2. Prepare plan for the prioritization of pollution prevention and reduction activities. 3. Implement priority pollution prevention and reduction activities identified in the plan in 10 creeks.
B2 Inter-Agency Urban Runoff Program	1. Install at least 2 and operate 4 trash capture devices at storm water outfalls in Santa Clara County. 2. Maintain partnerships with cities and County to address surface water quality improvements. 3. Support 5 pollution prevention activities to improve surface water quality in Santa Clara County, either independently or collaboratively with South County organizations.
B3 Pollution Prevention Partnerships and Grants	1. Provide 7 grant cycles and 5 partnerships that follow pre-established competitive criteria related to preventing or removing pollution.
B4 Good Neighbor Program: Encampment Cleanup	1. Perform 52 annual cleanups for the duration of the Safe, Clean Water program to reduce the amount of trash and pollutants entering the streams.
B5 Hazardous Materials Management and Response	1. Respond to 100% of hazardous materials reports requiring urgent on-site inspection in 2 hours or less.
B6 Good Neighbor Program: Remove Graffiti and Litter	1. Conduct 60 cleanup events (4 per year). 2. Respond to requests on litter or graffiti cleanup within 5 working days.
B7 Support Volunteer Cleanup Efforts and Education	1. Provide 7 grant cycles and 3 partnerships that follow pre-established competitive criteria related to cleanups, education and outreach, and stewardship activities. 2. Fund District support of annual National River Cleanup Day, California Coastal Cleanup Day, the Great American Pick Up, and fund the Adopt-A-Creek Program.

Project	Key Performance Indicator
Priority C: Protect our Water Supply from Earthquakes and Natural Disasters	
C1 Anderson Dam Seismic Retrofit	1. Provide portion of funds, up to \$45 million, to help restore full operating reservoir capacity of 90,373 acre-feet.
C2 Emergency Response Upgrades	1. Map, install, and maintain gauging stations and computer software on seven flood-prone reaches to generate and disseminate flood warnings.

Project	Key Performance Indicator
Priority D: Restore Wildlife Habitat and Provide Open Space	
D1 Management of Revegetation Projects	1. Maintain a minimum of 300 acres of revegetation projects annually to meet regulatory requirements and conditions.
D2 Revitalize Stream, Upland and Wetland Habitat	1. Revitalize at least 21 acres, guided by the 5 Stream Corridor Priority Plans, through native plant revegetation and removal of invasive exotic species. 2. Provide funding for revitalization of at least 7 of 21 acres through community partnerships. 3. Develop at least 2 plant palettes for use on revegetation projects to support birds and other wildlife.
D3 Grants and Partnerships to Restore Wildlife Habitat and Provide Access to Trails	1. Develop 5 Stream Corridor Priority Plans to prioritize stream restoration activities. 2. Provide 7 grant cycles and additional partnerships for \$21 million that follow pre-established criteria related to the creation or restoration of wetlands, riparian habitat and favorable stream conditions for fisheries and wildlife, and providing new public access to trails.
D4 Fish Habitat and Passage Improvements	1. Complete planning and design for 2 creek/lake separations. 2. Construct 1 creek/ lake separation project in partnership with local agencies. 3. Use \$6 million for fish passage improvements. 4. Conduct study of all major steelhead streams in the county to identify priority locations for installation of large woody debris and gravel as appropriate. 5. Install large woody debris and /or gravel at a minimum of 5 sites (1 per each of 5 major watersheds).
D5 Ecological Data Collection and Analysis	1. Establish new or track existing ecological levels of service for streams in 5 watersheds. 2. Reassess streams in 5 watersheds to determine if ecological levels of service are maintained or improved.
D6 Creek Restoration and Stabilization	1. Construct 3 geomorphic designed projects to restore stability and stream function by preventing incision and promoting sediment balance throughout the watershed.
D7 Partnerships for the Conservation of Habitat Lands	1. Provide up to \$8 million for the acquisition of property for the conservation of habitat lands.
D8 South Bay Salt Ponds Restoration Partnership	1. Establish agreement with FWS to reuse sediment at locations to improve the success of Salt Pond restoration activities. 2. Construct site improvements up to \$4 million to allow for transportation and placement of future sediment.

Project	Key Performance Indicator
Priority E: Provide Flood Protection to Homes, Businesses, Schools, and Highways	
E1.1 Vegetation Control for Capacity	1. Maintain 90% of improved channels at design capacity. 2. Provide vegetation management for 6,120 acres along levee & maintenance roads.
E1.2 Sediment Removal for Capacity	
E1.3 Maintenance of Newly Improved Creeks	
E1.4 Vegetation Management for Access	
E2.1 Coordination with Local Municipalities on Flood Communication	1. Coordinate with agencies to incorporate District-endorsed flood emergency procedures into their Emergency Operations Center plans. 2. Complete 5 flood-fighting action plans (1 per major watershed).
E2.2 Flood-Fighting Action Plans	
E3 Flood Risk Reduction Studies	1. Complete engineering studies on 7 creek reaches to address 1% flood risk. 2. Update floodplain maps on a minimum of 2 creek reaches in accordance with new FEMA standards.
E4 Upper Penitencia Creek Flood Protection Coyote Creek to Dorel Drive – San Jose	1. Preferred project with federal and local funding: Construct a flood protection project to provide 1% flood protection to 5,000 homes, businesses and public buildings. 2. With local funding only: Acquire all necessary rights-of-ways and construct a 1% flood protection project from Coyote Creek confluence to King Road.
E5 San Francisquito Creek Flood Protection San Francisco Bay to Middlefield Road – Palo Alto	1. Preferred project with federal, state and local funding: Protect more than 3,000 parcels by providing 1% flood protection. 2. With state and local funding only: Protect approximately 3,000 parcels from flooding (100-year protection downstream of Highway 101, and approximately 30-year protection upstream of Highway 101).
E6 Upper Llagas Creek Flood Protection Project Buena Vista Avenue to Wright Avenue – Morgan Hill, San Martin, Gilroy	1. Preferred project with federal and local funding: Provide flood protection to 1,100 homes, 500 businesses, and 1,300 agricultural acres, while improving stream habitat. 2. With local funding only: Provide 100-year flood protection for Reach 7 only (up to W. Dunne Avenue in Morgan Hill). A limited number of homes and businesses will be protected.
E7 San Francisco Bay Shoreline Study Milpitas, Mountain View, Palo Alto, San Jose, Santa Clara and Sunnyvale	1. Provide portion of the local share of funding for planning and design phases for the former salt production ponds and Santa Clara County shoreline area. 2. Provide portion of the local share of funding toward estimated cost of initial project phase (EIA 11).
E8 Upper Guadalupe River Flood Protection Highway 280 to Blossom Hill Road – San Jose	1. Preferred project with federal and local funding: Construct a flood protection project to provide 1% flood protection to 6,280 homes, 320 businesses and 10 schools and institutions. 2. With local funding only: Construct flood protection improvements along 4,100 feet of Guadalupe River between Southern Pacific Railroad (SPRR) crossing, downstream of Willow Street, to Union Pacific Railroad (UPRR) crossing, downstream of Padres Drive. Flood damage will be reduced; however, protection from the 1% flood is not provided until completion of the entire Upper Guadalupe River Project.