

Appendix F
Covered Activities Project Lists

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Covered Activities Project Lists

The following tables provide specific lists of projects proposed for coverage under this Plan. These lists are WORKING DRAFTS and will continue to undergo revision throughout the development of this Plan. Additional lists will be provided by the Local Partners as such lists are developed. Activities and projects described in this Appendix are not intended to be exhaustive or definitive lists of activities and projects covered by this Plan. These lists represent current planned activities that are proposed for coverage by the Local Partners.

Additional activities and projects will be developed by the Partners over the course of the permit term of this Plan. To the extent that these additional activities are described in Chapter 2 (Section 2.3 *Covered Activities*) of this Plan as activities that will receive coverage under this Plan, and are consistent with the goals of this Plan, these additional activities will also be covered by this Plan.

Table F-1. Existing Bridges in the Study Area That Will Require Rehabilitation or Replacement

Santa Clara County
ALAMITOS CREEK on ALAMITOS ROAD (State Bridge No. 37C-159)
ALAMITOS CREEK on ALAMITOS ROAD (State Bridge No. 37C-160)
ALAMITOS CREEK on ALMADEN EXPWY (State Bridge No. 37C-808)
ALAMITOS CREEK on ALMADEN WAY (State Bridge No. 37C-510)
ALAMITOS CREEK on GRAYSTONE LANE (State Bridge No. 37C-540)
ARROYO CALERO CREEK on SHILLINGSBURG AVE (State Bridge No. 37C-569)
ARROYO CALERO on MC KEAN RD (State Bridge No. 37C-097)
BERRYESSA CREEK on MONTAGUE EXPWY (State Bridge No. 37C-127)
BODFISH CREEK on WHITEHURST RD (State Bridge No. 37C-582)
BODFISH CREEK on WHITEHURST RD (State Bridge No. 37C-583)
BRANCH OF LLAGAS CREEK on CASA LOMA RD (State Bridge No. 37C-522)
BRANCH OF PAJARO RIVER on FRAZER LAKE RD (State Bridge No. 37C-535)
Bridge on Elmwood Main Entrance (State Bridge No. 37I-001)
CANADA DE LOS OSIS CREEK on JAMIESON RD (State Bridge No. 37C-542)
CANOAS CREEK on ALMADEN EXPWY (State Bridge No. 37C-102)
CANOAS CREEK on CAPITOL EXPWY (State Bridge No. 37C-190)
CAPITOL EXPWY on ALMADEN EXPWY (State Bridge No. 37C-069)
CARNADERO CREEK on BLOOMFIELD AVE (State Bridge No. 37C-103)
COYOTE CREEK on GILROY HOT SPRINGS ROAD (State Bridge No. 37C-539)
COYOTE CREEK on HELLYER AVE (PED BRIDGE)
COYOTE CREEK on HELLYER AVE (State Bridge No. 37C-541)
COYOTE CREEK on MONTAGUE EXPWY (State Bridge No. 37C-075L)
COYOTE CREEK on MONTAGUE EXPWY (State Bridge No. 37C-075R)
COYOTE CREEK on OLD ALVISO MILPITAS ROAD (State Bridge No. 37C-819/556)
CROY CREEK on CROY ROAD (State Bridge No. 37C-528)
CURTNER AVE UNDER-XING on ALMADEN EXPWY (State Bridge No. 37C-028)
FISHER CREEK on HALE AVENUE (State Bridge No. 37C-218)
FISHER CREEK on LAGUNA AVENUE (State Bridge No. 37C-548)
FISHER CREEK on SANTA TERESA BLVD. (State Bridge No. 37C-219)
FURLONG CREEK on FRAZER LAKE RD (State Bridge No. 37C-534)
GUADALUPE CREEK on ALMADEN EXPWY (State Bridge No. 37C-041)
GUADALUPE RIVER on ALMADEN EXPWY (State Bridge No. 37C-071)
GUADALUPE RIVER on ALMADEN EXPWY (State Bridge No. 37C-101)

GUADALUPE RIVER on CAPITOL EXPWY (State Bridge No. 37C-044)
GUADALUPE RIVER on MONTAGUE EXPWY (State Bridge No. 37C-074)
HICKS CREEK on HICKS ROAD (State Bridge No. 37C-158)
HUNTING HOLLOW CREEK on GILROY HOT SPRINGS ROAD (State Bridge No. 37C-538)
LION CREEK on SANTA TERESA BLVD. (State Bridge No. 37C-355)
LIONS CREEK on KERN AVE. (State Bridge No. 37C-354)
LITTLE ARTHUR CREEK on REDWOOD RETREAT ROAD (State Bridge No. 37C-562)
LITTLE ARTHUR CREEK on REDWOOD RETREAT ROAD (State Bridge No. 37C-563)
LITTLE ARTHUR CREEK on REDWOOD RETREAT ROAD (State Bridge No. 37C-564)
LITTLE LLAGAS CREEK (W.) on MIDDLE AVE. (WEST) (State Bridge No. 37C-368)
LITTLE LLAGAS CREEK on CENTER AVE (State Bridge No. 37C-523)
LITTLE LLAGAS CREEK on CHURCH AVE (State Bridge No. 37C-526)
LITTLE LLAGAS CREEK on EDMUNDSON AVE (State Bridge No. 37C-168)
LITTLE LLAGAS CREEK on SAN MARTIN AVE (State Bridge No. 37C-178)
LITTLE UVAS CREEK on UVAS ROAD (State Bridge No. 37C-095)
LLAGAS CR. (WEST BRANCH) on DAY ROAD (State Bridge No. 37C-351)
LLAGAS CREEK on BLOOMFIELD AVE (State Bridge No. 37C-015)
LLAGAS CREEK on BOWDEN CT (State Bridge No. 37C-518)
LLAGAS CREEK on BUENA VISTA AVE (State Bridge No. 37C-519)
LLAGAS CREEK on CHURCH AVE (State Bridge No. 37C-525)
LLAGAS CREEK on GILMAN ROAD (State Bridge No. 37C-537)
LLAGAS CREEK on LEAVESLEY RD (State Bridge No. 37C-010)
LLAGAS CREEK on LLAGAS AVE (State Bridge No. 37C-549)
LLAGAS CREEK on LLAGAS AVE (State Bridge No. 37C-550)
LLAGAS CREEK on MASTEN AVE (State Bridge No. 37C-170)
LLAGAS CREEK on MONTEREY RD (State Bridge No. 37C-215)
LLAGAS CREEK on OAK GLEN AVENUE (State Bridge No. 37C-164)
LLAGAS CREEK on OAK GLEN AVENUE (State Bridge No. 37C-165)
LLAGAS CREEK on RUCKER AVE (State Bridge No. 37C-566)
LLAGAS CREEK on SANTA TERESA BLVD. (State Bridge No. 37C-161)
LLAGAS CREEK on SYCAMORE AVE (State Bridge No. 37C-163)
LLAGAS CREEK on UVAS ROAD (State Bridge No. 37C-096)
MARCELLA DITCH on LEAVESLEY RD (State Bridge No. 37C-009)
MIGUELITA CREEK on ALUM ROCK AVE (adjacent to) (State Bridge No. 37C-710)
MIGUELITA CREEK on ALUM ROCK AVE (State Bridge No. 37C-511)

PACHECO CREEK on DUNNE LANE (State Bridge No. 37C-531)
PAJARO RIVER on FRAZER LAKE RD (State Bridge No. 37C-536)
PEDESTRIAN OVERCROSSING on CALVARY WAY "POC" (State Bridge No. 37C-586)
PENITENCIA CREEK on PIEDMONT RD (State Bridge No. 37C-135L)
PENITENCIA CREEK on PIEDMONT RD (State Bridge No. 37C-135R)
PENITENCIAS CREEK on ALUM ROCK FALLS RD (State Bridge No. 37C-512)
RANDOL CREEK on ALMADEN EXPWY (State Bridge No. 37C-509)
RED FOX CREEK on NEW AVENUE (State Bridge No. 37C-172)
SAN FELIPE CREEK on SAN FELIPE ROAD #2 (State Bridge No. 37C-567)
SAN TOMAS AQUINO CREEK on PAYNE AVE. (State Bridge No. 37C-281)
SAN TOMAS CREEK P.O.C. on SAN TOMAS EXPWY (State Bridge No. 37C-568)
SANTA CLARA-SAN JOSE on CENTRAL EXPWY (State Bridge No. 37C-185)
SARATOGA CREEK on BOLLINGER RD (State Bridge No. 37C-288)
SARATOGA CREEK on CALVERT DRIVE (State Bridge No. 37C-079)
SARATOGA CREEK on LAWRENCE EXPWY (State Bridge No. 37C-013)
SILVER CREEK on CAPITOL EXPWY (State Bridge No. 37C-019)
STEVENS CREEK BLVD. on LAWRENCE EXPWY (State Bridge No. 37C-154)
UVAS CREEK on CROY ROAD (State Bridge No. 37C-529)
UVAS CREEK on THOMAS RD (State Bridge No. 37C-580)
UVAS CREEK on UVAS ROAD (State Bridge No. 37C-093)
UVAS CREEK on UVAS ROAD (State Bridge No. 37C-094)
UVAS CREEK on WATSONVILLE RD (State Bridge No. 37C-049)
WEST LITTLE LLAGAS CR. on WATSONVILLE RD (State Bridge No. 37C-377)

City of San José

ALAMITOS CREEK at MAZZONE DR
BERRYESSA WIDENING at BERRYESSA RD
CALABAZAS CREEK at BOLLINGER RD
CANOAS CREEK at HILLSDALE AVE
COYOTE CR (SAN ANTONIO) at SAN ANTONIO ST
COYOTE CREEK at BROKAW RD
COYOTE CREEK at COYOTE VLY PKWY
COYOTE CREEK at O'TOOL AVE
COYOTE CREEK at SANTA CLARA ST
COYOTE CREEK PEDESTRIAN BRIDGE at PHELAN AVE
GUADALUPE RIVER (GOLD ST) at GOLD ST

GUADALUPE RIVER (SAN FERNANDO) at SAN FERNANDO ST

GUADALUPE RIVER (W ALMA AVE) at W ALMA AVE

GUADALUPE RIVER at CHYNOWETH AVE

LOS GATOS CREEK at LINCOLN AVE

LOS GATOS CREEK PEDESTRIAN BRIDGE at

LOS GATOS CRK BOH at SAN CARLOS ST

PENITENCIA CREEK at ALUM ROCK FALLS RD

PENITENCIA CREEK at NOBEL AVE

PENITENCIA CREEK ROAD at ALUM ROCK FALLS RD

ROSS CREEK at MERIDIAN AVE

UPPER PENITENCIA CREEK at N KING RD

US-101/MABURY INTERCHANGE at TAYLOR ST/MABURY RD

Source: City of San José and Santa Clara County Roads and Airports (2006).

Table F-2. Proposed Trails in the Study Area

Trail Name	Number of Segments	Length (miles)	Lead Agency
Butterfield Blvd Bicycle Trail (Cochrane - San Pedro)	1		City of Morgan Hill
Little Llagas Creek Trail			City of Morgan Hill
Llagas Creek/Silveira Park Trail			City of Morgan Hill
Tennant/Corralitos Creek Trail			City of Morgan Hill
Tennant-School Trail			City of Morgan Hill
West Little Llagas Creek Bicycle and Pedestrian Pathway (Spring Road - Watsonville Road; Watsonville Road - Silvera Park; Ciolino – Spring)	3		City of Morgan Hill
Almaden Park to Coyote Park Trail	1	8.23	City of San Jose
Bailey Avenue Trail	1	0.90	City of San Jose
Bambi Lane Trail	1	0.45	City of San Jose
Calero Creek Trail	1	3.22	City of San Jose
Coyote Creek Alternate 1	1	0.78	City of San Jose
Coyote Creek Alternate 3	1	0.75	City of San Jose
Coyote Creek Trail	5	11.19	City of San Jose
Coyote Creek Trail Alternate 2	1	2.27	City of San Jose
Fisher Creek Trail	2	8.29	City of San Jose
Fowler Creek Trail	2	5.78	City of San Jose
Guadalupe Creek Trail	2	4.21	City of San Jose
Guadalupe Oak Grove Park Trail	1	1.50	City of San Jose
Guadalupe River South Trail	10	2.79	City of San Jose
Guadalupe River Trail	9	16.22	City of San Jose
Guadalupe River Trail Spur to SJSU	1	0.62	City of San Jose
Guadalupe to Downtown Connection	1	0.32	City of San Jose
Hetch Hetchy Corridor	1	1.48	City of San Jose
Laguna Avenue Trail	1	1.75	City of San Jose
Los Alamitos Creek Trail	1	3.33	City of San Jose
Los Gatos Creek Trail	1	0.04	City of San Jose
Montgomery Hill-Yerba Buena Connection	1	0.60	City of San Jose
Palm Avenue Trail	1	1.19	City of San Jose
Penitencia Creek Trail	1	1.60	City of San Jose
San Francisco Bay Trail	1	0.84	City of San Jose
San Carlos Street Trail	1	0.49	City of San Jose

Trail Name	Number of Segments	Length (miles)	Lead Agency
Saratoga Creek Extension	1	1.09	City of San Jose
Saratoga Creek Trail	2	1.85	City of San Jose
South Tulare Hill Trail	1	0.73	City of San Jose
Thompson - Yerba Buena Creek Connection	1	0.07	City of San Jose
Thompson Creek Trail	1	6.58	City of San Jose
Vasona Light Rail Connection	1	0.43	City of San Jose
Willow Glen Spur Trail	2	2.85	City of San Jose
Coyote Creek trail gap between Sylvandale and the low-flow bridge			County of Santa Clara
Hellyer Park to Litton Industries			County of Santa Clara
Silicon Valley Boulevard to Silver Creek			County of Santa Clara

Source: City of Morgan Hill. City of San Jose 2006. County of Santa Clara 2006.

Table F-3. County Parks Projects Proposed for Coverage

Project Name	Estimated Construction Start Date
Improvements to the entrance of Coyote Creek County Park from Highway 101/Scheller Avenue.	
Mount Madonna showers.	
Trail creation and trail restoration of “volunteer” trails created without authorization at Motorcycle Park County Park.	
McAbee Staging Area improvements at Almaden Quicksilver County Park.	
Burnett (vehicular) Bridge construction at Anderson Lake Park.	
Jackson Ranch potable water system and access road improvements at Anderson Lake Park.	
18-hole disk golf facility at Perry’s Hill area (Ogier Ponds)	
Trail construction and restoration between Hellyer Park and Litton Industries, between Silicon Valley Boulevard and Silver Creek, and within the Coyote Creek trail gap between Sylvandale and the low-flow bridge.	
Madrone landfill closure at Coyote Creek Parkway County Park.	
Velodrome improvements at Coyote Hellyer County Park.	
Road improvements to Monument Peak at Edward R. Levin County Park.	
Expanded offices and office drainage improvements at Field Sports Park.	
Repair of the dam and canal system at Joseph D. Grant Park.	
Improvements to Los Gatos Creek Park including Los Gatos Creek trail upgrade and widening (<i>verify this is in the study area</i>).	
Pueblo day-use improvements at Santa Teresa County Park.	
Visitor center/office re-design/installation at Uvas Canyon Park.	
Wash station at Vasona Lake Park.	
Source: Santa Clara County Department of Parks and Recreation 2006.	

[Note to Reader: Information on approximate construction timeline forthcoming.]

Watershed	Proj #	Project Name	Project Objectives	Scope of Work	Schedule		ESA Coverage
					Begin Date	Est. Comp. Date	
Uvas/LI - O&M	00042036	Lower Llagas Mitigation & Monitoring					
Uvas/LI - O&M	0071065	Uvas/Llagas Watershed Vegetation Management	Routine control of obstructive vegetation and planting and maintenance of revegetation and mitigation projects.				SMP
CW - O&M	00742013	Arundo Control Project	This project provides strategic control of Giant Reed infestations in Santa Clara County watersheds. The program goal is to control 125 acres in Santa Clara County over a ten year period. This project is required mitigation for the District's Stream Maintenance Program.				
Guad - O&M	00771053	Guadalupe Watershed Sediment Removal	This operation protects the public from flooding due to sediment accumulation in flood management facilities. This project also restores operational functions such as protected fish passage) to District facilities by removal of sediment.	SMP			SMP
Coyote - O&M	00771054	Coyote Watershed Sediment Removal	This operation protects the public from flooding due to sediment accumulation in flood management facilities. Projects will be completed for FY/05-06 based on prioritized sites identified during inspections.	Lower Silver Creek - Cunningham Ave to Tully Rd.			SMP
Guad - O&M	00771063	Guadalupe Watershed Vegetation Management	Routine control of obstructive vegetation and planting and maintenance of revegetation and mitigation projects.	SMP			SMP
Coyote - O&M	00771064	Coyote Watershed Vegetation Management	Routine control of obstructive vegetation and planting and maintenance of revegetation and mitigation projects.	Lower Silver Creek - Cunningham Ave to Tully Rd.			SMP

WORKING DRAFT

Watershed	Proj #	Project Name	Project Objectives	Scope of Work	Schedule		ESA Coverage
					Begin Date	Est. Comp. Date	
Coyote - CAP	26174043	Coyote Ck Montague to I-280	<ul style="list-style-type: none"> · Provide flood protection to the surrounding area. · Mitigate for all project impacts to stream habitat values and fisheries. · Identify stream habitat enhancement and/or restoration opportunities. · Identify opportunities to improve water quality within the project limits. · Identify opportunities to provide for public recreation and access. · Minimize the need for future operations and maintenance activities and create a self-sustaining system within the project limits. · Obtain community support. 	<p>This project plans, designs, and partially constructs improvements along approximately 6.1 miles of Coyote Creek, from Montague Expressway to Interstate 280. This project develops a comprehensive plan that reduces the potential for flood damages, addresses maintenance needs, and protects fish and wildlife habitat and the creek's environmental resources as a whole. It is anticipated that a full EIR and Engineer's Report will be prepared. Following completion of the planning study, design will commence, resulting in preparation of construction documents, based on the Board-approved preferred alternative. Construction will start on a portion of the project following completion of design. Additional funding will be required in order to complete construction of the entire project.</p>	<p>September 2002</p> <p>Construction</p> <p>December 2012</p>	<p>Construction</p> <p>January 2016,</p> <p>Close-out</p> <p>June 2016</p>	
Coyote - CAP	40184001	Calera Ck, Berryessa-680	Determine baseline channel capacity and flooding potential, sediment deposition, and maintenance requirements.	<p>This project will initially fund a reconnaissance study of Calera Creek to assess the flooding risk by determining the baseline channel capacity, sediment deposition and maintenance requirements. The District will request the U.S. Army Corps of Engineers to participate in the project under a Section 205 Agreement and help complete a reconnaissance study, feasibility study, design, and construction of a flood control project.</p>	<p>January 2001</p> <p>Construction</p> <p>TBD</p>	<p>Construction</p> <p>TBD</p>	

WORKING DRAFT

Watershed	Proj #	Project Name	Project Objectives	Scope of Work	Schedule		ESA Coverage
					Begin Date	Est. Comp. Date	
Guad - CAP	<u>62184001</u>	SMP Stream Watershed Land	<p>· Provide 71 acres of Stream Maintenance Program (SMP) mitigation credits through preservation of approximately 720 to 950 acres of streams and watershed lands to provide long-term protection of unique and valuable local stream resources and watersheds, in a largely self-sustaining setting. Approximately 108 acres of the total land preservation will be for protection of riparian and upland habitats that are known to support California red-legged frogs and Western pond turtles. · Provide approximately 10 acres of SMP mitigation credits through environmental restoration on the lands acquired. · Seek opportunities to partner with other organizations to accomplish the project objectives.</p>	<p>· Conduct outreach activities related to the project. · Provide site screening and prioritization for acquisition and mitigation credit. · Conduct technical site investigation and evaluation for land preservation and restoration. · Coordinate site review with regulatory agencies and other entities. · Evaluate restoration opportunities for each site. · Coordinate for property acquisition and make presentation to the Board. · Prepare site management plans · Conduct on-going monitoring and maintenance (for mitigation credit) · Prepare Annual Program Monitoring Reports SMP will cover this activity</p>	Design Only TBD	Design Only TBD	
Uvas/LI CAP	62754001	Pajaro Basin Fresh Water Wetlands Mitigation	<p>The primary goal is to provide four acres of freshwater wetland mitigation credits for the SMP mitigation program. Provide a healthy and safe environment and enhanced quality of life. Meet the California Environmental Quality Act (CEQA) and regulatory mitigation requirements for implementation of the SMP so that the District can continue maintaining flood protection for Santa Clara Valley residents. Located in the Carnedaro Preserve, it is at the confluence of Carnedaro Creek and the Pajaro River</p>	<p>Create at least four acres of freshwater wetland habitat to support local wetland-related plants and wildlife. Mitigation Monitoring</p>			
Guad - O&M	62761004	Guadalupe Watershed Erosion Protection	<p>This operation provides funding for routine and emergency erosion prevention, control and repair to protect property and reduce sediment deposits downstream. This operation emphasizes the use of the “softest” feasible solution to stabilize stream banks and</p>				SMP
Coyote - O&M	62761005	Coyote Watershed Erosion Protection	<p>This operation provides funding for routine and emergency erosion prevention, control, and repair to protect property and reduce sediment deposits downstream. This operation emphasizes the use of the “softest” feasible solution to stabilize stream banks a</p>				SMP

WORKING DRAFT

Watershed	Proj #	Project Name	Project Objectives	Scope of Work	Schedule		ESA Coverage
					Begin Date	Est. Comp. Date	
Uvas/LI - O&M	62761045	Uvas/Llagas Watershed Erosion Protection	This operation provides funding for routine and emergency erosion prevention, control, and repair to protect property and reduce sediment deposits downstream. This operation emphasizes the use of the “softest” feasible solution to stabilize stream banks a				SMP
CW - CAP	91184008	Advanced Recycled Water Treatment Facility	Improve the overall quality of the tertiary treated sewer effluent to a level such that its resultant use will not degrade to quality of the groundwater basin.	· This project plans, designs, and constructs pilot plants in Santa Clara County as follows: · Phase 1 near San Jose Waste Water Treatment Plant, Phase 2 in Coyote Valley	Planning Only January 2004 Construction TBD	Planning Only December 2007 Construction TBD	
WTSPY - O&M	91211099	Pacheco Conduit (PAC)	PAC inspection and air release valve rehabilitation project	Perform an internal inspection of the PAC between The Pacheco Sectionalizing Valve (PSV) and the Santa Clara Tunnel Inlet. Rehabilitate utility vaults on the identified reach of pipeline including, but not limited to replacing air valves, modifying piping connections and painting abourtenances.	As scheduled	2008	
WTSPY - O&M	91211099	Pacheco Conduit (PAC)	PAC inspection	Perform an internal inspection of the PAC.	As scheduled	2023	
WTSPY - O&M	91211099	Pacheco Conduit (PAC)	PAC inspection and air release valve rehabilitation project	Perform an internal inspection of the PAC between The Pacheco Sectionalizing Valve (PSV) and the Santa Clara Tunnel Inlet. Rehabilitate utility vaults on the identified reach of pipeline including, but not limited to replacing air valves, modifying piping connections and painting abourtenances.	As scheduled	2033	
WTSPY - O&M	91211099	Pacheco Conduit (PAC)	PAC inspection	Perform an internal inspection of the PAC.	As scheduled	2043	
WTSPY - O&M	91211099	Pacheco Conduit (PAC)	PAC inspection and air release valve rehabilitation project	Perform an internal inspection of the PAC between The Pacheco Sectionalizing Valve (PSV) and the Santa Clara Tunnel Inlet. Rehabilitate utility vaults on the identified reach of pipeline including, but not limited to replacing air valves, modifying piping connections and painting abourtenances.	As scheduled	2058	
WTSPY - O&M	91211099	Pacheco Tunnel	Pacheco Tunnel Inspection	Perform an internal inspection of the Pacheco Tunnel	As scheduled	2008	

WORKING DRAFT

Watershed	Proj #	Project Name	Project Objectives	Scope of Work	Schedule		ESA Coverage
					Begin Date	Est. Comp. Date	
WTSPLY - O&M	91221099	Santa Clara Conduit (SCC)	SCC inspection and air valve rehabilitation project	Perform an internal inspection of the SCC (including the Calaveras Fault Crossing) between the Santa Clara Tunnel Outlet and Sectionalizing Valve 1 (SV1). Rehabilitate utility vaults on the identified reach of pipeline including, but not limited to replacing air valves, modifying piping connections and painting appurtenances.	As scheduled	2009	
WTSPLY - O&M	91221099	Santa Clara Conduit (SCC)	SCC inspection and air valve rehabilitation project	Perform an internal inspection of the SCC between the Sectionalizing Valve 1 (SV1) and Coyote Pumping Plant. Rehabilitate utility vaults on the identified reach of pipeline including, but not limited to replacing air valves, modifying piping connections and painting appurtenances.	As scheduled	2011	
WTSPLY - O&M	91221099	Santa Clara Conduit (SCC)	SCC inspection	Perform an internal inspection of the SCC between CFO and SV1.	As scheduled	2024	
WTSPLY - O&M	91221099	Santa Clara Conduit (SCC)	SCC inspection and air valve rehabilitation project	Perform an internal inspection of the SCC between the Santa Clara Tunnel Outlet and Sectionalizing Valve 1 (SV1). Rehabilitate utility vaults on the identified reach of pipeline including, but not limited to replacing air valves, modifying piping connections and painting appurtenances.	As scheduled	2034	
WTSPLY - O&M	91221099	Santa Clara Conduit (SCC)	SCC inspection	Perform an internal inspection of the SCC between CFO and SV1.	As scheduled	2044	
WTSPLY - O&M	91221099	Santa Clara Conduit (SCC)	SCC inspection and air valve rehabilitation project	Perform an internal inspection of the SCC between the Santa Clara Tunnel Outlet and Sectionalizing Valve 1 (SV1). Rehabilitate utility vaults on the identified reach of pipeline including, but not limited to replacing air valves, modifying piping connections and painting appurtenances.	As scheduled	2059	
WTSPLY - O&M	91221099	Santa Clara Tunnel	Santa Clara Tunnel Inspection	Perform an internal inspection of the Santa Clara Tunnel	As scheduled	2008	
Guad - CAP	91264001	Vason Pumping Station, Chemical Feed (Perc Pond)	Included in CIP list of possible future projects				

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Watershed	Proj #	Project Name	Project Objectives	Scope of Work	Schedule		ESA Coverage
					Begin Date	Est. Comp. Date	
Guad - CAP	91854001	Almaden Dam Outlet Works	· Modify or construct a new intake structure, capable of releasing 246 cfs of water without flushing of sediments through the outlet works.· Correct existing problems with the outlet energy dissipation structure, piping and valves.	This project plans, designs, and constructs improvements to the Almaden Dam Outlet Works as follows: · Investigate structural integrity of the existing intake tower, outlet pipe and energy dissipation structures. · Conduct planning study and prepare an Engineers Report and EIR for the proposed project. · Obtain DSOD approval and required Resource Agency Permits. · Design facilities and prepare plans and specifications for bidding. · Construction and project close out activities.	October 2000 Construction January 2012	Construction December 2013 Close-out June 2014	FAHCE
Coyote - CAP	91864084	Anderson Reservoir Bank Erosion					
Guad - CAP	91874003	Calero/Fellows Dike	Resolve the Fellows Dike restriction in a cost-effective manner, while balancing water utility benefit and competing stakeholder interest.	· The Calero/Fellows Dike is under the jurisdiction of the Division of Safety of Dams (DSOD). Modifications are required to the dike to certify the dam and rescind the operational restriction imposed by DSOD. · The planning phase for this project includes a decision document (to be approved by the CEO), a Negative Declaration as the appropriate CEQA document, and environmental permits. · The design phase for this project includes final design, and the preparation of the plans, specifications, and estimate for bidding. · The construction phase includes construction of improvements.	October 2000 Construction January 2009	Construction September 2009 Close-out December 2009	
WTSPY - O&M	92254083	Central Pipeline	Central Pipeline Rehabilitation Project (Capital Project).	Inspect potentially distressed piping and make essential repairs to pipeline as needed.	As scheduled	2007	
	TBD	Vasona Dam- General Maintenance	TBD	TBD			
Guad - CAP	92264008	Vasona Pumping Plant Electrical	Included in CIP list of possible future projects				
Guad - CAP	92534002	Kirk Ditch	Included in CIP list of possible future projects				
Guad - CAP	92724001	*Almaden-Calero Canal Rehab					

SMP Extension

WORKING DRAFT

Watershed	Proj #	Project Name	Project Objectives	Scope of Work	Schedule		ESA Coverage
					Begin Date	Est. Comp. Date	
WTSPLY - O&M	92761099	Almaden Valley Pipeline (AVP)	AVP inspection and air release valve rehabilitation project	Perform an internal inspection of the AVP between Vasona Valve Yard and Coleman Line Valve. Rehabilitate utility vaults on the identified reach of pipeline including, but not limited to replacing air valves, modifying piping connections and painting appurtenances.	As scheduled	2007	
WTSPLY - O&M	92761099	Almaden Valley Pipeline (AVP)	AVP inspection and air release valve rehabilitation project	Perform an internal inspection of the AVP between Coleman Line Valve and Calero Turnout. Rehabilitate utility vaults on the identified reach of pipeline including, but not limited to replacing air valves, modifying piping connections and painting appurtenances.	As scheduled	2008	
WTSPLY - O&M	92761099	Almaden Valley Pipeline (AVP)	AVP inspection	Perform an internal inspection on the reach of pipe identified.	As scheduled	2022	
WTSPLY - O&M	92761099	Almaden Valley Pipeline (AVP)	AVP inspection and air release valve rehabilitation project	Perform an internal inspection of the AVP. Rehabilitate utility vaults on the identified reach of pipeline including, but not limited to replacing air valves, modifying piping connections and painting appurtenances.	As scheduled	2032	
WTSPLY - O&M	92761099	Almaden Valley Pipeline (AVP)	AVP inspection	Perform an internal inspection on the reach of pipe identified.	As scheduled	2047	
WTSPLY - O&M	92761099	Almaden Valley Pipeline (AVP)	AVP inspection and air release valve rehabilitation project	Perform an internal inspection of the AVP. Rehabilitate utility vaults on the identified reach of pipeline including, but not limited to replacing air valves, modifying piping connections and painting appurtenances.	As scheduled	2057	
WTSPLY - O&M	92761099	Anderson Force Main (AFM)	AFM inspection and air release valve rehabilitation project	Perform an internal inspection of the AFM. Rehabilitate utility vaults on the identified reach of pipeline including, but not limited to replacing air valves, modifying piping connections and painting appurtenances.	As scheduled	2014	
WTSPLY - O&M	92761099	Anderson Force Main (AFM)	AFM inspection	Perform an internal inspection of the AFM.	As scheduled	2029	

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Watershed	Proj #	Project Name	Project Objectives	Scope of Work	Schedule		ESA Coverage
					Begin Date	Est. Comp. Date	
WTSPLY - O&M	92761099	Anderson Force Main (AFM)	AFM inspection and air release valve rehabilitation project	Perform an internal inspection of the AFM. Rehabilitate utility vaults on the identified reach of pipeline including, but not limited to replacing air valves, modifying piping connections and painting appurtenances.	As scheduled	2039	
WTSPLY - O&M	92761099	Anderson Force Main (AFM)	AFM inspection	Perform an internal inspection of the AFM.	As scheduled	2054	
WTSPLY - O&M	92761099	Calero Pipeline (Bypass)	CAP inspection and air release valve rehabilitation project	Perform an internal inspection of the CAP. Rehabilitate utility vaults on the identified reach of pipeline including, but not limited to replacing air valves, modifying piping connections and painting appurtenances.	As scheduled	2040	
WTSPLY - O&M	92761099	Calero Pipeline (Bypass)	CAP inspection	Perform an internal inspection of the CAP.	As scheduled	2055	
WTSPLY - O&M	92761099	Calero Pipeline (Bypass) (CAP)	CAP inspection and air release valve rehabilitation project	Perform an internal inspection of the CAP. Rehabilitate utility vaults on the identified reach of pipeline including, but not limited to replacing air valves, modifying piping connections and painting appurtenances.	As scheduled	2015	
WTSPLY - O&M	92761099	Calero Pipeline (Bypass) (CAP)	CAP inspection	Perform an internal inspection of the CAP.	As scheduled	2030	
WTSPLY - O&M	92761099	Central Pipeline (CPL)	CPL inspection	Perform an internal inspection on the reach of pipe identified.	As scheduled	2020	
WTSPLY - O&M	92761099	Central Pipeline (CPL)	CPL inspection and air release valve rehabilitation project	Perform an internal inspection of the WPL. Rehabilitate utility vaults on the identified reach of pipeline including, but not limited to replacing air valves, modifying piping connections and painting appurtenances.	As scheduled	2030	
WTSPLY - O&M	92761099	Central Pipeline (CPL)	CPL inspection	Perform an internal inspection on the reach of pipe identified.	As scheduled	2045	
WTSPLY - O&M	92761099	Central Pipeline (CPL)	CPL inspection and air release valve rehabilitation project	Perform an internal inspection of the WPL. Rehabilitate utility vaults on the identified reach of pipeline including, but not limited to replacing air valves, modifying piping connections and painting appurtenances.	As scheduled	2055	

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Watershed	Proj #	Project Name	Project Objectives	Scope of Work	Schedule		ESA Coverage
					Begin Date	Est. Comp. Date	
WTSPLY - O&M	92761099	Cross Valley Pipeline (CVP)	CVP inspection and air release valve rehabilitation project	Perform an internal inspection of the CVP. Rehabilitate utility vaults on the identified reach of pipeline including, but not limited to replacing air valves, modifying piping connections and painting appurtenances.	As scheduled	2014	
WTSPLY - O&M	92761099	Cross Valley Pipeline (CVP)	CVP inspection	Perform an internal inspection of the CVP.	As scheduled	2029	
WTSPLY - O&M	92761099	Cross Valley Pipeline (CVP)	CVP inspection and air release valve rehabilitation project	Perform an internal inspection of the CVP. Rehabilitate utility vaults on the identified reach of pipeline including, but not limited to replacing air valves, modifying piping connections and painting appurtenances.	As scheduled	2039	
WTSPLY - O&M	92761099	Cross Valley Pipeline (CVP)	CVP inspection	Perform an internal inspection of the CVP.	As scheduled	2054	
WTSPLY - O&M	92761099	Gilroy Reclamation Line (GRL)	GRL inspection and air release valve rehabilitation.	Perform an inspection of the GRL. Rehabilitate utility vaults on the identified reach of pipeline including, but not limited to replacing air valves, modifying piping connections and painting appurtenances.	As scheduled	2016	
WTSPLY - O&M	92761099	Gilroy Reclamation Line (GRL)	GRL inspection	Perform an inspection of the GRL.	As scheduled	2031	
WTSPLY - O&M	92761099	Gilroy Reclamation Line (GRL)	GRL inspection and air release valve rehabilitation.	Perform an inspection of the GRL. Rehabilitate utility vaults on the identified reach of pipeline including, but not limited to replacing air valves, modifying piping connections and painting appurtenances.	As scheduled	2041	
WTSPLY - O&M	92761099	Gilroy Reclamation Line (GRL)	GRL replace	Replace the GRL.	As scheduled	2056	
WTSPLY - O&M	92761099	Santa Teresa Force Main	Santa Teresa Force Main inspection	Perform an internal inspection of the Santa Teresa Force Main	As scheduled	2008	
WTSPLY - O&M	92761099	Santa Teresa Force Main	Santa Teresa Force Main inspection	Perform an internal inspection of the Santa Teresa Force Main	As scheduled	2022	
WTSPLY - O&M	92761099	Santa Teresa Force Main	Santa Teresa Force Main inspection	Perform an internal inspection of the Santa Teresa Force Main	As scheduled	2032	
WTSPLY - O&M	92761099	Santa Teresa Force Main	Santa Teresa Force Main inspection	Perform an internal inspection of the Santa Teresa Force Main	As scheduled	2047	
WTSPLY - O&M	92761099	Santa Teresa Force Main	Santa Teresa Force Main inspection	Perform an internal inspection of the Santa Teresa Force Main	As scheduled	2057	
Guad - CAP	94042014	Alamitos Creek - Drop Structure	Remediate Fish Passage Barrier				FAHCE

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Watershed	Proj #	Project Name	Project Objectives	Scope of Work	Schedule		ESA Coverage	
					Begin Date	Est. Comp. Date		
CW - O&M	94042014	FAHCE	Complete a programmatic Environmental Impact Report/Environmental Impact Statement covering the proposed fisheries management program developed for the Stevens Creek, Guadalupe and Coyote Creek watersheds in the Fisheries and Aquatic Habitat Collaborative Effort (FAHCE). This plan will meet CEQA/NEPA requirements by evaluating all elements of the FAHCE draft settlement agreement. Complete a Habitat Conservation Plan covering reservoir operations and maintenance of facilities located in the Stevens Creek, Guadalupe and Coyote Creek watersheds. This plan will address the proposed water supply operations described in the draft Settlement Agreement. To provide for implementation of the draft settlement agreement developed in the Fisheries and Aquatic Habitat Collaborative Effort (FAHCE). Petition the SWRCB to amend the District's Water Rights Licenses and Permit in accordance with this Agreement,	This project provides the staff time, services and supplies for the completion of programmatic environmental documents, a Habitat Conservation Plan (HCP), an adaptive management program and other administrative elements of the draft Settlement Agreement developed in FAHCE. This project will also provide for integrating any changes to the fisheries management plan described in the draft settlement agreement that might occur as a result from state or federal agency review conducted under CEQA, NEPA or the Endangered Species Act. The Programmatic environmental documents (EIR/EIS) will cover water supply operations, habitat restoration, capital improvements and additional studies in the Stevens Creek, Guadalupe and Coyote watersheds. Completion of this environmental documentation is a required step towards settlement of a 1996 water rights challenge filed before the SWRCB. The Habitat Conservation Plan will evaluate the proposed reservoir operations contained in the draft settlement agreement as well as potential impacts from routine reservoir maintenance act			FAHCE	
CW - CAP	94042014	FAHCE - Channel Modifications	Modification of channels and adjacent riparian areas to meet non-FAHCE mitigation commitments in reaches where these commitments supplement commitments made under the FAHCE Settlement Agreement (other channel modifications);					FAHCE
CW - CAP	94042014	FAHCE - Dam outlet repair or replacement	Modification and/or maintenance of reservoir outlet facilities to ensure that FAHCE flow regimes may be implemented (dam outlet repair or replacement);					FAHCE

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Watershed	Proj #	Project Name	Project Objectives	Scope of Work	Schedule		ESA Coverage
					Begin Date	Est. Comp. Date	
CW - CAP	94042014	FAHCE - Fish Passage Modifications	Physical modifications to in-channel structures to improve upstream and downstream fish passage, including modifications to streamflow gauges, conversion of diversion dams to inflatable dams, and screening of diversions to limit potential to entrain fish and other aquatic animals into recharge basins (fish passage modifications);				FAHCE
CW - CAP	94042014	FAHCE - Installation of Flashboard Dams in Coyote Creek	Installation and seasonal operation of several removable flashboard-type dams in the channels below CWMZs in Coyote and Stevens creeks to retard and spread flows in the creek and enhance in-channel recharge of reservoir, pipeline, and/or reclaimed water releases (temporary in-channel dams).				FAHCE
CW - CAP	94042014	FAHCE - Ramping	Modifications of reservoir operations to provide for gradual ramping of releases (ramping)				FAHCE
CW - CAP	94042014	FAHCE - Riparian Restoration	Planting and maintaining riparian vegetation along selected channel reaches, including activities such as placement of large woody debris in channels (riparian restoration);				FAHCE
CW - CAP	94042014	FAHCE - Seismic modifications	Re-operation of reservoirs and/or upgrading of dam embankments to meet mandated seismic safety standards (seismic modifications);				FAHCE
Guad - CAP	94042014	Guadalupe River - Old Dam	Remediate Fish Passage Barrier				FAHCE
Coyote - CAP	94042014	Laguna Seca Groundwater Remediation					FAHCE
Coyote - CAP	94042014	Metcalf Ponds Stream Corridor Restoration	Isolate percolation ponds, quarry pits, and other structures from the active channel in the vicinity of Metcalf Road, in order to reestablish a free flowing condition				FAHCE
Coyote - CAP	94042014	Ogier Road Quarry Pond Complex	Remediate Fish Passage Barrier				FAHCE
Coyote - CAP	94042014	Overfelt Recharge Pond Diversion	Remediate Fish Passage Barrier				FAHCE
Coyote - CAP	94042014	Penitencia Recharge Pond Diversion	Remediate Fish Passage Barrier				FAHCE
Guad - CAP	94042014	Pheasant Creek Culvert	Remediate Fish Passage Barrier				FAHCE
Coyote - CAP	94042014	Singleton Road Low-Flow Crossing	Remediate Fish Passage Barrier				FAHCE

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Watershed	Proj #	Project Name	Project Objectives	Scope of Work	Schedule		ESA Coverage
					Begin Date	Est. Comp. Date	
Coyote - CAP	94042014	Upper Penitencia Creek Unscreen Water Diversion	Remediate Fish Passage Barrier				FAHCE
WTSPY - O&M	94761099	East Pipeline (EPL)	EPL inspection and air release valve rehabilitation project	Perform an internal inspection of the EPL between Patt Ave Line Valve and the Ocala Line Valve. Rehabilitate utility vaults on the identified reach of pipeline including, but not limited to replacing air valves, modifying piping connections and painting appurtenances.	As scheduled	2010	
WTSPY - O&M	94761099	East Pipeline (EPL)	EPL inspection and air release valve rehabilitation project	Perform an internal inspection of the EPL between Patt Ave Line Valve and the Milpitas Line Valve. Rehabilitate utility vaults on the identified reach of pipeline including, but not limited to replacing air valves, modifying piping connections and painting appurtenances.	As scheduled	2012	
WTSPY - O&M	94761099	East Pipeline (EPL)	EPL inspection	Perform an internal inspection of the EPL.	As scheduled	2025	
WTSPY - O&M	94761099	East Pipeline (EPL)	EPL inspection and air release valve rehabilitation project	Perform an internal inspection of the EPL between Patt Ave Line Valve and the Ocala Line Valve. Rehabilitate utility vaults on the identified reach of pipeline including, but not limited to replacing air valves, modifying piping connections and painting appurtenances.	As scheduled	2035	
WTSPY - O&M	94761099	East Pipeline (EPL)	EPL inspection	Perform an internal inspection of the EPL.	As scheduled	2050	
WTSPY - O&M	94761099	Milpitas Pipeline (MPL)	MPL inspection and air release valve rehabilitation project	Perform an internal inspection of the MPL between the Milpitas Line Valve and Milpitas Turnout. Rehabilitate utility vaults on the identified reach of pipeline including, but not limited to replacing air valves, modifying piping connections and painting appurtenances.	As scheduled	2013	
WTSPY - O&M	94761099	Milpitas Pipeline (MPL)	MPL inspection	Perform an internal inspection of the MPL between the Milpitas Line Valve and Milpitas Turnout.	As scheduled	2028	

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Watershed	Proj #	Project Name	Project Objectives	Scope of Work	Schedule		ESA Coverage
					Begin Date	Est. Comp. Date	
WTSPLY - O&M	94761099	Milpitas Pipeline (MPL)	MPL inspection and air release valve rehabilitation project	Perform an internal inspection of the MPL between the Milpitas Line Valve and Milpitas Turnout. Rehabilitate utility vaults on the identified reach of pipeline including, but not limited to replacing air valves, modifying piping connections and painting appurtenances.	As scheduled	2038	
WTSPLY - O&M	94761099	Milpitas Pipeline (MPL)	MPL inspection	Perform an internal inspection of the MPL between the Milpitas Line Valve and Milpitas Turnout.	As scheduled	2053	
WTSPLY - O&M	94761099	Parallel East Pipeline (PEP)	PEP inspection and air release valve rehabilitation project	Perform an internal inspection of the PEP. Rehabilitate utility vaults on the identified reach of pipeline including, but not limited to replacing air valves, modifying piping connections and painting appurtenances.	As scheduled	2015	
WTSPLY - O&M	94761099	Parallel East Pipeline (PEP)	PEP inspection	Perform an internal inspection of the PEP.	As scheduled	2030	
WTSPLY - O&M	94761099	Parallel East Pipeline (PEP)	PEP inspection and air release valve rehabilitation project	Perform an internal inspection of the PEP. Rehabilitate utility vaults on the identified reach of pipeline including, but not limited to replacing air valves, modifying piping connections and painting appurtenances.	As scheduled	2040	
WTSPLY - O&M	94761099	Parallel East Pipeline (PEP)	PEP inspection	Perform an internal inspection of the PEP.	As scheduled	2055	
WTSPLY - O&M	94761099	Penitencia Force Main	Expansion Joint Replacement Project	Replace the expansion joints on the Penitencia Force Main, Penitencia Delivery Main, and the Force Main Emergency Bypass. Perform an internal inspection of all three pipes.	As scheduled	2012	
WTSPLY - O&M	94761099	Penitencia Force Main (PFM)	Expansion Joint Replacement Project	Replace the expansion joints on the Penitencia Force Main, Penitencia Delivery Main, and the Force Main Emergency Bypass. Perform an internal inspection of all three pipes.	As scheduled	2019	
WTSPLY - O&M	94761099	Penitencia Force Main (PFM)	Expansion Joint Replacement Project	Replace the expansion joints on the Penitencia Force Main, Penitencia Delivery Main, and the Force Main Emergency Bypass. Perform an internal inspection of all three pipes.	As scheduled	2026	

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Watershed	Proj #	Project Name	Project Objectives	Scope of Work	Schedule		ESA Coverage
					Begin Date	Est. Comp. Date	
WTSPLY - O&M	94761099	Penitencia Force Main (PFM)	Expansion Joint Replacement Project	Replace the expansion joints on the Penitencia Force Main, Penitencia Delivery Main, and the Force Main Emergency Bypass. Perform an internal inspection of all three pipes.	As scheduled	2033	
WTSPLY - O&M	94761099	Penitencia Force Main (PFM)	Expansion Joint Replacement Project	Replace the expansion joints on the Penitencia Force Main, Penitencia Delivery Main, and the Force Main Emergency Bypass. Perform an internal inspection of all three pipes.	As scheduled	2040	
WTSPLY - O&M	94761099	Penitencia Force Main (PFM)	Expansion Joint Replacement Project	Replace the expansion joints on the Penitencia Force Main, Penitencia Delivery Main, and the Force Main Emergency Bypass. Perform an internal inspection of all three pipes.	As scheduled	2047	
WTSPLY - O&M	94761099	Penitencia Force Main (PFM)	Expansion Joint Replacement Project	Replace the expansion joints on the Penitencia Force Main, Penitencia Delivery Main, and the Force Main Emergency Bypass. Perform an internal inspection of all three pipes.	As scheduled	2054	
WTSPLY - O&M	94761099	Snell Pipeline (SPL)	SPL inspection and air release valve rehabilitation project (Phase 1)	Perform an internal inspection on approximately 1/3 of the SPL. Rehabilitate utility vaults on the identified reach of pipeline including, but not limited to replacing air valves, modifying piping connections and painting appurtenances.	As scheduled	2016	
WTSPLY - O&M	94761099	Snell Pipeline (SPL)	SPL inspection and air release valve rehabilitation project (Phase 2)	Perform an internal inspection on approximately 1/3 of the SPL. Rehabilitate utility vaults on the identified reach of pipeline including, but not limited to replacing air valves, modifying piping connections and painting appurtenances.	As scheduled	2017	
WTSPLY - O&M	94761099	Snell Pipeline (SPL)	SPL inspection and air release valve rehabilitation project (Phase 3)	Perform an internal inspection on approximately 1/3 of the SPL. Rehabilitate utility vaults on the identified reach of pipeline including, but not limited to replacing air valves, modifying piping connections and painting appurtenances.	As scheduled	2018	

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Watershed	Proj #	Project Name	Project Objectives	Scope of Work	Schedule		ESA Coverage
					Begin Date	Est. Comp. Date	
WTSPLY - O&M	94761099	Snell Pipeline (SPL)	SPL inspection	Perform an internal inspection of the SPL.	As scheduled	2031	
WTSPLY - O&M	94761099	Snell Pipeline (SPL)	SPL inspection and air release valve rehabilitation project (Phase 1)	Perform an internal inspection on approximately 1/3 of the SPL. Rehabilitate utility vaults on the identified reach of pipeline including, but not limited to replacing air valves, modifying piping connections and painting appurtenances.	As scheduled	2041	
WTSPLY - O&M	94761099	Snell Pipeline (SPL)	SPL inspection	Perform an internal inspection of the SPL.	As scheduled	2056	
WTSPLY - O&M	26072003 00072003	Guadalupe River Aquatic Enhancement	Environmental Enhancement Grant, Monitoring Western Pond Turtle on Alamitos Creek, as well as fisheries monitoring in Downtown Guadalupe River. This monitoring will likely be weekly, it will likely involve inter-community monitoring using some community			Construction 2007	

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Watershed	Proj #	Project Name	Project Objectives	Scope of Work	Schedule		ESA Coverage
					Begin Date	Est. Comp. Date	
Guad - O&M	26074001, 26074040, 26C14070, 26C40211	Environmental Enhancement Program	The objective of this program is to meet the District's obligation under the Clean, Safe Creeks and Natural Flood Protection program which calls for the –creation of additional wetlands, riparian habitat and favorable stream conditions for fisheries and wildlife (equivalent to 100 acres of tidal or riparian habitat created or restored).”	Identification and Screening of potential habitat enhancement sites; Acquisition of parcels; Preparation of CEQA document; All necessary preparation work. Feasibility Study, Engineer's Report; Site Maintenance, and Monitoring Plan. 26074001 Habitat Enhancement 26074040 Upper Pajaro Watershed Vegetative Buffer Strips - The scope of this project includes property acquisition, planning, design, vegetation installation, maintenance and water quality monitoring of vegetated buffer strips. 26C14070 Lower Silver Creek (Habitat Enhancement Portion) – 4.6 miles from Coyote Creek to Lake Cunningham. The Board approved purchase additional right of way to reduce concrete hardscape and construct a wider, more natural earthen channel. The total increase in environmental habitat created is 8 acres; Additionally, 6,700 LF of roads which can be developed into trails. 26C40211 Soap Lake Floodplain and Riparian Easement Property Acquisition Program – To implement environmental, floodplain and water quality benefits through	4 Projects in Planning April 2003	4 Projects in Planning June 2016	
CW - CAP	26094001	Open Space Trails & Parks Program	· Provide access to 70 miles of open space and trails over the next 15 years in Santa Clara County · Increase community recreation and public access opportunities · Provide bicycle paths/ trails that will serve as alternative transportation routes to relieve highway congestion and reduce air pollution · Incorporate open space, trails and parks into flood protection projects · Create a mechanism to track funds spent on trail/ parks/ open space from the Clean, Safe Creeks & Natural Flood Protection Fund (i.e. Trails, Parks and Open Space Grant Program).	Identify and prioritize potential trails, parks and open spaces; Coordinate with the county, cities, open space districts and other agencies & entities; Assist in the creation of trails – fee title or easements; Coordinate with regulatory/permitting agencies; Review feasibility studies and trail master plans; Participate on external technical advisory committee(s)/task force(s) for trail & open space development.	Providing Project Funding Only July 2003	Providing Project Funding Only June 2016	

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Watershed	Proj #	Project Name	Project Objectives	Scope of Work	Schedule		ESA Coverage
					Begin Date	Est. Comp. Date	
Guad - CAP	26174041, 26174042	Berryessa Ck, Calaveras-Old Piedmont	The purpose of this Clean, Safe Creeks project is to improve Berryessa Creek, and provide flood protection from a 100-year flood event along the creek between Calaveras Boulevard and Old Piedmont Road. The length of the project is approximately 4.3 miles. Berryessa Creek is a tributary to the Coyote Creek system, and its watershed is approximately 22 square miles in size. Prior studies found that homes along the creek are at risk to flooding and the creek experiences sediment deposition problems. The District is working in partnership with the U.S. Army Corps of Engineers (Corps) to prepare a planning study (General Reevaluation Report), an Environmental Impact Statement/Environmental Impact Report (EIS/EIR), and plans, specifications, and estimates (PS&E), and to construct the project. The project includes coordination with the cities of Milpitas and San Jose on future development projects and their Trails Master Plans; the Santa Clara Valley Transportation Authority on the BART project; and resource agencies (Regional Water Quality Control	· This project partners with the U.S. Army Corps of Engineers (Corps) to plan, design, and construct improvements along approximately 4.3 miles of Berryessa Creek, from Calaveras Boulevard to Old Piedmont Road. · District will coordinate with the Corps on development of a General Reevaluation Report and Environmental Impact Report/Environmental Impact Statement. · Corps will design and construct improvements on Berryessa Creek from Calaveras Boulevard to Old Piedmont Road. · District will coordinate with the Corps and be responsible for acquisition of lands, easements, rights of way, relocations, and disposal sites (LERRDs).	January 2000 Construction January 2009	Construction January 2013, Monitoring for Construction 3 years, Close- out June 2016	

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Watershed	Proj #	Project Name	Project Objectives	Scope of Work	Schedule		ESA Coverage
					Begin Date	Est. Comp. Date	
Coyote - CAP	40264007, 40264008, 40C40188	Lower Silver Ck (R4-6)	<ul style="list-style-type: none"> · Protect properties in the surrounding area from the one percent flood event and obtain a Letter of Map Revision from FEMA. · Provide a low flow channel from Interstate 680 to Lake Cunningham to facilitate the potential migration of anadromous fish. · Provide on-site mitigation for project impacts, improve stream habitat values and improve fisheries potential. · Project will provide on-site mitigation of project impacts, and in some cases enhancement of existing habitat values by increased wetlands and riparian habitat. · Identify opportunities for additional enhancements and submit for the Board's consideration at the time of project approval. · Improve pedestrian bridges crossing Lower Silver Creek. · Facilitate the opportunity for future pedestrian trails along Lower Silver Creek. 	This project partners with Natural Resource Conservation Services to plan, design, and construct improvements on Lower Silver Creek, between Coyote Creek and Cunningham Avenue. This project will provide one-percent flood protection while improving stream values and habitat.	January 1980 Construction TBD	TBD	

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Watershed	Proj #	Project Name	Project Objectives	Scope of Work	Schedule		ESA Coverage
					Begin Date	Est. Comp. Date	
Coyote - CAP	40324003, 40324004, 40324005	U. Penitencia Ck, Coyote-Dorel	<ul style="list-style-type: none"> · Provide one-percent flood protection to more than 5,000 homes, businesses, and public buildings. · Mitigate for project impacts. · Improve stream habitat values and fisheries potential. · Reduce sedimentation and maintenance requirements. · Identify opportunities to integrate recreation improvements consistent with the City of San Jose's and Santa Clara County Parks' Master Plan. · Obtain a Letter of Map Revision (LOMR) from the Federal Emergency Management Agency (FEMA). · Incorporate the District's Clean, Safe Creeks and Natural Flood Protection (NFP) Program Objectives. <p>The purpose of this project is to improve Upper Penitencia Creek to ensure flood protection from a 100-year flood event. The project limits extend 4.2 miles between the confluence with Coyote Creek and Dorel Drive. Upper Penitencia Creek is a tributary to the Coyote Creek system, and its watershed is approximately 24 square miles in size. The District is working in partnership with the United States Army Corps of Engineers (Corps) to develop a project that will provide flood protection to more than 5,000 homes.</p>	<ul style="list-style-type: none"> · This project partners with the U.S. Army Corps of Engineers (Corps) to plan, design, and construct improvements along approximately 4.2 miles of Upper Penitencia Creek from the confluence with Coyote Creek to Dorel Drive as follows: · District will coordinate with Corps on the development of a Feasibility Report and an Environmental Impact Report/Environmental Impact Statement for the entire project. · Corps will design and construct improvements for Upper Penitencia Creek, from Coyote Creek to Dorel Drive. · District will coordinate with the Corps and be responsible for acquisition of lands, easements, rights of way, relocations, disposal sites, and bridge relocations. · District will coordinate with the City of San Jose and County of Santa Clara to incorporate the trails master plan projects when feasible. 	Planning Only July 1996	Planning Only September 2007	
Coyote - CAP	50C14032	L. Llagas Restore Capacity, 152-Pajaro Rv	<ul style="list-style-type: none"> · Restore flood capacity in Lower Llagas Creek between Highway 152 and the Pajaro River. · Integrate flood protection with habitat protection to satisfy federal and state ESA regulations. · Coordinate with South County Wastewater Authority as a principal stakeholder and water resource co-planner. 	<p>Conduct Planning-level work - prepare Feasibility Study/ Engineer's Report to address work to restore flood capacity to Lower Llagas Creek; Prepare Habitat Management Plan to address ESA habitat protection; Prepare CEQA document; Coordinate with South County Regional Wastewater Authority; Coordinate with Regulatory Authorities (e.g. NRCS – Maintenance Agreement & Central Coast RWQCB); Prepare construction Plans & Specifications (for flood protection & habitat protection/enhancement); Prepare 3M plan (Mitigation/ Monitoring/ Maintenance).</p>	Planning Only July 2006	Planning Only June 2009	

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Watershed	Proj #	Project Name	Project Objectives	Scope of Work	Schedule		ESA Coverage
					Begin Date	Est. Comp. Date	
Uvas/LI CAP	62214001	Thompson Creek Stream Stabilization	<ul style="list-style-type: none"> · Restore the low-flow channel to an equilibrium state. · Restore riparian habitat adjacent to the low-flow channel. · Improve water quality and provide diverse stream channel habitats. · Provide erosion protection along the creek. · Identify enhancement opportunities. 	This project coordinates with the U. S. Army Corps of Engineers (Corps) under the Aquatic Ecosystem Restoration (Section 206) Program to plan, design, and construct improvements along 1.2 miles of Thompson Creek, from Quimby Road to Aborn Road. The District will coordinate with the Corps in the preparation of a Detailed Project Plan (DPR) to address channel degradation and habitat restoration. Following completion of the DPR the Corps will prepare plans and specifications and advertise for construction. District responsibilities will include review of the documents, and provision for LERRDs (acquisition of lands, easements, rights-of-way, relocations, and disposal sites).	July 2003 Construction January 2009	Construction May 2010 Close-out June 2010	
CW - CAP	62C14033	SJ Water Blowoff Ext.	<ul style="list-style-type: none"> · Minimize impacts to Coyote Creek mitigation area and overflow channel area. · Reduce sediment loading to creek, thereby being consistent with the District's SWPP requirements. · Repair/restore eroded portions of the overflow channel. · Prevent the overflow channel area from becoming a wetland area. 	<ul style="list-style-type: none"> · Design and prepare plans and specifications to construct an extension for the San Jose Municipal Water Company blowoff pipeline into Coyote Creek. · Prepare Plans and Specifications to include work to repair existing damages to channel and overflow area. · Advertise the project for construction and provide construction management of the project. 	TBD	TBD	
Coyote - CAP	62C14034	Babb/Piedmont/Los Coches Cks	<ul style="list-style-type: none"> · Repair sections of side slopes of the channels that have worn away per their original design. · Prevent further erosion of channel bottom by replacing the bottom lining that has worn through. · Provide unhindered/unhampered flow in the channels during storm events. 	<ul style="list-style-type: none"> · Design and prepare plans and specifications to repair the channel lining (or rehabilitate the channel). · Construction activities will include replacing side slope and bottom linings. · Obtain permits and CEQA clearance as necessary to construct the project. 	TBD	TBD	

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Watershed	Proj #	Project Name	Project Objectives	Scope of Work	Schedule		ESA Coverage
					Begin Date	Est. Comp. Date	
Coyote - CAP	62C40193	SMP Coyote Quarry Pond	<ul style="list-style-type: none"> · Meet the regulatory mitigation requirements for implementation of the Stream Maintenance Program (SMP) to allow the District to continue maintaining flood protection for Santa Clara Valley residents. · Create 3 acres of freshwater wetland habitat to support local wetland-related plants and wildlife in place of the proposed Los Capitancillos Wetland Creation Project. · Identify possible enhancement opportunities for presentation to the Board of Directors. 	<p>This project plans, designs, and constructs a freshwater wetland basin at the Quarry Pond in the Coyote Parkway Lakes area. The project is located north of the Coyote Percolation Dam, near the intersection of Monterey Road and southeast of the Highway 101 and Highway 85 interchange in San Jose. The project will:</p> <ul style="list-style-type: none"> · Conduct field investigations for CEQA and engineering evaluations. · Prepare CEQA document and Engineer's Report. · Complete design of the preferred freshwater wetland design alternative. · Prepare 60%, 90% and 100% plans, specifications and estimates (PS&E) package. · Assist the Construction Administration Unit (CAU) to advertise and award construction contract. · Provide biological and engineering support to the CAU during the construction phase. · Assist the CAU in preparing and reviewing as-built plans. · Complete the transfer of on-going maintenance and operation of the newly created freshwater wetlands to Watershed Management Division staff. 	<p>July 2007 Construction July 2010</p>	<p>Construction May 2010 Close-out June 2012</p>	SMP Extension
Coyote - CAP	91094004, 91094006	Recycled Wtr System	Operate and expand the South County Recycled Water System.	<p>This project plans, designs and constructs four water recycling projects that fulfill the District's partnership agreements with the South County Recycled Water Authority (SCRWA). This project is accounted for in the following job numbers:</p> <ul style="list-style-type: none"> · 91094004—Booster pump at Christmas Hill Park. · 91094004—Reservoir at Eagle Ridge Golf Course. · 91094004—Gilroy Sports Park water line extension. · 91094006—Rehabilitation of existing eight-mile long 12-inch diameter pipeline 	<p>June 1998 Construction Prior to July 2005</p>	<p>Construction May 2007</p>	

WORKING DRAFT

Watershed	Proj #	Project Name	Project Objectives	Scope of Work	Schedule		ESA Coverage
					Begin Date	Est. Comp. Date	
CW - CAP	91211099 and 91211099	Pacheco Tunnel, Santa Clara Tunnel, and Santa Clara Conduit	Pacheco and Santa Clara Tunnel inspections, and Calaveras Fault Crossing Inspection Project	Perform internal inspections of the Pacheco Tunnel, Santa Clara Tunnel and the Calaveras Fault Crossing.	As scheduled	2013	
WTSPY - O&M	91211099 and 91211099	Pacheco Tunnel, Santa Clara Tunnel, and Santa Clara Conduit	Pacheco and Santa Clara Tunnel inspections, and Calaveras Fault Crossing Inspection Project	Perform internal inspections of the Pacheco Tunnel, Santa Clara Tunnel and the Calaveras Fault Crossing.	As scheduled	2018	
WTSPY - O&M	91211099 and 91211099	Pacheco Tunnel, Santa Clara Tunnel, and Santa Clara Conduit	Pacheco and Santa Clara Tunnel inspections, and Calaveras Fault Crossing Inspection Project	Perform internal inspections of the Pacheco Tunnel, Santa Clara Tunnel and the Calaveras Fault Crossing.	As scheduled	2023	
WTSPY - O&M	91211099 and 91211099	Pacheco Tunnel, Santa Clara Tunnel, and Santa Clara Conduit	Pacheco and Santa Clara Tunnel inspections, and Calaveras Fault Crossing Inspection Project	Perform internal inspections of the Pacheco Tunnel, Santa Clara Tunnel and the Calaveras Fault Crossing.	As scheduled	2028	
WTSPY - O&M	91211099 and 91211099	Pacheco Tunnel, Santa Clara Tunnel, and Santa Clara Conduit	Pacheco and Santa Clara Tunnel inspections, and Calaveras Fault Crossing Inspection Project	Perform internal inspections of the Pacheco Tunnel, Santa Clara Tunnel and the Calaveras Fault Crossing.	As scheduled	2033	
WTSPY - O&M	91211099 and 91211099	Pacheco Tunnel, Santa Clara Tunnel, and Santa Clara Conduit	Pacheco and Santa Clara Tunnel inspections, and Calaveras Fault Crossing Inspection Project	Perform internal inspections of the Pacheco Tunnel, Santa Clara Tunnel and the Calaveras Fault Crossing.	As scheduled	2038	
WTSPY - O&M	91211099 and 91211099	Pacheco Tunnel, Santa Clara Tunnel, and Santa Clara Conduit	Pacheco and Santa Clara Tunnel inspections, and Calaveras Fault Crossing Inspection Project	Perform internal inspections of the Pacheco Tunnel, Santa Clara Tunnel and the Calaveras Fault Crossing.	As scheduled	2042	
WTSPY - O&M	91211099 and 91211099	Pacheco Tunnel, Santa Clara Tunnel, and Santa Clara Conduit	Pacheco and Santa Clara Tunnel inspections, and Calaveras Fault Crossing Inspection Project	Perform internal inspections of the Pacheco Tunnel, Santa Clara Tunnel and the Calaveras Fault Crossing.	As scheduled	2047	
WTSPY - O&M	91211099 and 91211099	Pacheco Tunnel, Santa Clara Tunnel, and Santa Clara Conduit	Pacheco and Santa Clara Tunnel inspections, and Calaveras Fault Crossing Inspection Project	Perform internal inspections of the Pacheco Tunnel, Santa Clara Tunnel and the Calaveras Fault Crossing.	As scheduled	2052	
	TBD	Pacheco Reservoir Enlargement	Add operational flexibility to the San Felipe System to assist with the solution of the San Luis Reservoir Low Point.	Rebuild the dam at the existing Pacheco Reservoir site to increase the storage available. The scope, schedule and cost of the design and construction phases will be defined when the planning study is complete.	TBD	TBD	
CW - CAP	91C40070	Guadalupe Dam Outlet Works Rehabilitation					FAHCE
Guad - CAP	91C40071	Calero Dam Outlet Works Rehabilitation					FAHCE
CW - CAP	91C40105	San Felipe '02 Inspection Follow-up					

WORKING DRAFT

Watershed	Proj #	Project Name	Project Objectives	Scope of Work	Schedule		ESA Coverage	
					Begin Date	Est. Comp. Date		
Uvas/L1 - O&M	91C40107	Santa Clara Tunnel Leakage & Pacheco Conduit Dewater						
Uvas/L1 - O&M	91C40186	South County Groundwater Recharge Facilities	Develop additional groundwater recharge capacity of approximately 14,000 acre-feet per year through in-stream recharge and off-stream ponds in the Coyote and Llagas Subbasins.	This project plans, designs, and constructs new groundwater recharge facilities in South County in accordance with recommendations from the Integrated Water Resources Planning Study (2003). IWRP recommends 2,400 acre-feet of additional in-stream recharge and 11,000 acre-feet of recharge through ponds (approximately 15 acres).	TBD	TBD		
Uvas/L1 - CAP	91C40194	Page Desilting Basin	<ul style="list-style-type: none"> · Modify existing weirs to increase the discharge capacity from 25 cfs to 36 cfs. An increase of 11 cfs over a period of 15 days per year will result in additional yield of 300 acre-feet per year. · Lower the operating levels of the detention basin to 6 inches below the current level, if possible. · Increase District's capacity to exercise water rights. · Reduce operating risks. 	This project plans, designs, and constructs improvements to the Page Desilting System, adjacent to the Camden Avenue Recharge Ponds. The project scope includes the following: <ul style="list-style-type: none"> · Perform hydraulics calculation to verify the existing operating conditions. · Perform hydraulics calculation for the new operating conditions. · Design the weir modifications according to hydraulics constraints determined above. · Perform cost benefit analysis. · Perform project management, CEQA review, and project planning, design, and construction administration. · Prepare Engineer's Report, construction plans and specifications, and construction cost estimate. 	July 2008 Construction July 2009	Construction May 2010 Close-out June 2009	FAHCE	
CW - CAP	91C40201	North County Groundwater Recharge Facilities	Develop additional groundwater recharge capacity of approximately 6,000 acre-feet per year through in-stream recharge and off-stream ponds.	This project plans, designs, and constructs new groundwater recharge facilities in North County in accordance with recommendations from the Integrated Water Resources Planning Study (2003). IWRP recommends 2,100 acre-feet of additional in-stream recharge in the western portion of the Santa Clara Subbasin and 3,900 acre-feet of recharge through ponds (approximately 5 acres).	July 2007 Construction July 2010	Construction May 2012 Close out June 2012	FAHCE	

WORKING DRAFT

Watershed	Proj #	Project Name	Project Objectives	Scope of Work	Schedule		ESA Coverage	
					Begin Date	Est. Comp. Date		
CW - CAP	92254083	Central Pipeline Rehab	· Complete an in-depth investigation of the pipeline, to assess the integrity of prestressed concrete cylinder pipe and risk of failure.· Develop recommendations on a long-term monitoring program and near-term repairs, if needed. · Implement the near-term repairs.	This project plans, designs and constructs improvements at Central Pipeline. District staff have performed internal inspections of the 35-year-old Central Pipeline and have identified 59 sections of distressed pipe. This project will include forensic investigation and structural analysis to determine root cause, vulnerability or failure and recommended repairs. This project is currently funded for the planning phase only. The scope, schedule, costs and funding sources to implement the recommended repairs will be determined at the completion of the planning phase	Planning Only August 2003	Planning Only June 2007		
CW - CAP	92C40073	Valve 906 Low Flow Bypass	Included in CIP list of possible future projects					
Guad - CAP	92C40158	Church Avenue Diversion (South County funding unavailable)			TBD	TBD		
Uvas/LI - CAP	92C40173	Coyote Pumping Plant Adjustable Speed Drive Replacement						
Coyote - CAP	92C40196	Kirk Diversion Fish Screen	Keep steelhead out of percolation ponds	Remove sediment to improve infiltration. Maintenance of associated access roads, diversion structures, and catwalks.				

WORKING DRAFT

Watershed	Proj #	Project Name	Project Objectives	Scope of Work	Schedule		ESA Coverage
					Begin Date	Est. Comp. Date	
Guad - CAP	92C40215	Stevens Ck Diversion	· Increase local supply of water from Stevens Creek. · Increase the District's capacity to exercise water rights. · Meet critical dry period water supply shortage in Santa Clara County.	This project investigates alternatives for increasing groundwater recharge from the Stevens Creek Reservoir system, including the conveyance of water from Stevens Creek to other recharge facilities. The project scope consists of:· Investigating alternatives for increasing local yield from the Stevens Creek Reservoir system for recharge into the groundwater basin.· Complete an alternative analysis report of the investigation with recommendations. The project is currently funded for the planning phase only. The scope, schedule, costs and funding sources for design and construction phases will be determined at the completion of the planning phase.	Planning Only July 2010	Planning Only June 2011	FAHCE
CW - CAP	TBD	Alamitos Creek - Calero Creek to Almaden Dam	Flood Protection				
Coyote - CAP	TBD	Arroyo Calero Creek - Alamitos Creek to Calero Dam	Flood Protection				
Guad - CAP	TBD	Canoas Creek - Guadalupe to Cottle	Flood Protection				

WORKING DRAFT

Watershed	Proj #	Project Name	Project Objectives	Scope of Work	Schedule		ESA Coverage
					Begin Date	Est. Comp. Date	
	TBD	Chesbro Dam - General Maintenance	The goal of the Dam Maintenance Program (DMP) is to help ensure the reliability and safety of the District's dams and reservoirs for the residents of Santa Clara County and other affected Counties. The purpose of the program is also to comply with the requirements of the State of California Division of Safety of Dams (DSOD), who have jurisdiction over the District's dams, and with the requirements of the Federal Energy Regulatory Commission (FERC) regarding Anderson Dam. Many of the DMP activities are required by DSOD or FERC. Unlike a project that has a distinct beginning and end of construction, this is for ongoing maintenance work.	The purpose of DMP is to make it possible for the District to perform the activities associated with operation, maintenance and repair of the water supply dams, and appurtenant structures in it's jurisdiction, such that these activities can be conducted in the most efficient, cost effective, and environmentally conscience manner, in full compliance with the California Environmental Quality Act (CEQA) and the National Environmental Protection Act (NEPA), and other appropriate environmental regulations. The work area subject to the DMP includes the areas around the dams, including the dam itself and its ancillary features such as: Spillways; Block houses; Fences and gates; Electrical stations; Hydraulic systems; Intake and outlet structures; Access roads. The EIR for the DMP is expected to be approved in August of 2007.			
	TBD	Chesbro Dam - Seismic Retrofit	Evaluate seismic issues. Evaluate how and if renovations should be made. Implement renovations.				
Guad - CAP	TBD	Guadalupe PL Meter	Included in CIP list of possible future projects				
Guad - CAP	TBD	Los Gatos Creek - Kirk Dam to Lark Ave.	Flood Protection				
CW - CAP	TBD	Penitencia Ponds Fish Screen	Keep steelhead out of percolation ponds				FAHCE
Guad - CAP	TBD	Randol Creek - Alamos Creek to Bret Harte	Flood Protection				
Guad - CAP	TBD	Ross Creek - Guadalupe River to Kirk Ave	Flood Protection				

WORKING DRAFT

Watershed	Proj #	Project Name	Project Objectives	Scope of Work	Schedule		ESA Coverage
					Begin Date	Est. Comp. Date	
Coyote - CAP	TBD	SCVWD - Owned groundwater well fields - East Side	Reliability model results showed that it is highly probable that the East Pipeline will suffer damage and not be able to deliver water. To increase reliability of the treated water distribution system, SCVWD should buy or build well fields. Located in valley floor of Coyote Watershed, probably San Jose.	20 new wells, each with a capacity of 1500 gpm, will be constructed on the East Side to provide emergency demand to retailers. Four wellfields will be constructed that contain five wells each. It is assumed that each wellfield will be an average of 10,000 feet away from SCVWD's transmission mains and that wells will be located in locations close to retailer turnouts to provide reliable flows post-event. These wells will be able to provide up to 40 mgd of supply. Demands are based on averaging 1999-2002 meter reading for each retailer during winter months.	2010	2015	
Guad - CAP	TBD	SCVWD - Owned groundwater well fields - West Side	Reliability model results showed that it is highly probable that the West Pipeline will suffer damage and not be able to deliver water from RWTP to beyond the Santa Clara Distributary. Furthermore, it is likely that RWTP will also be damaged. To increase reliability of the treated water distribution system, SCVWD should buy or build well fields. Located in valley floor of Uvas/Llagas Watershed	Each well will be located in close proximity to the West Pipeline. And will not require significant piping. These wells will be able to provide up to 40 mgd of supply. Demands are based on averaging 1999-2002 meter readings for each retailer during the winter months. Twenty new wells, each with the capacity of 1500 gpm will be constructed and tied into the West Pipeline	2010	2015	
Guad - CAP CW - CAP CW - CAP	TBD	Vasona Canal Improvement Access Roads and Roads of Right of Way Alamitos Percolation Pond General Maintenance	Included in CIP list of possible future projects To maintain access roads and roads of right-of-way in good working order Remove sediment to improve infiltration. Maintenance of associated access roads, diversion structures, and catwalks.	Vegetation management, minor erosion control			SMP Extension

WORKING DRAFT

Watershed	Proj #	Project Name	Project Objectives	Scope of Work	Schedule		ESA Coverage
					Begin Date	Est. Comp. Date	
Guad - CAP		Almaden Dam - General Maintenance	The goal of the Dam Maintenance Program (DMP) is to help ensure the reliability and safety of the District's dams and reservoirs for the residents of Santa Clara County and other affected Counties. The purpose of the program is also to comply with the requirements of the State of California Division of Safety of Dams (DSOD), who have jurisdiction over the District's dams, and with the requirements of the Federal Energy Regulatory Commission (FERC) regarding Anderson Dam. Many of the DMP activities are required by DSOD or FERC. Unlike a project that has a distinct beginning and end of construction, this is for ongoing maintenance work.	The purpose of DMP is to make it possible for the District to perform the activities associated with operation, maintenance and repair of the water supply dams, and appurtenant structures in its jurisdiction, such that these activities can be conducted in the most efficient, cost effective, and environmentally conscience manner, in full compliance with the California Environmental Quality Act (CEQA) and the National Environmental Protection Act (NEPA), and other appropriate environmental regulations. The work area subject to the DMP includes the areas around the dams, including the dam itself and its ancillary features such as: Spillways; Block houses; Fences and gates; Electrical stations; Hydraulic systems; Intake and outlet structures; Access roads. The EIR for the DMP is expected to be approved in August of 2007.			FAHCE
WTSPLY - O&M		Almaden Dam Seismic Retrofit	Evaluate seismic issues. Evaluate how and if renovations should be made. Implement renovations.	TBD			FAHCE
WTSPLY - O&M		Almaden-Calero Canal General Maintenance	To maintain canal and access road in a manner to ensure continued usability	Vegetation management, Repairs to correct erosion and subsidence. Maintenance of access roads and canals will be done in a manner to avoid or protect sensitive species			SMP Extension
		Anderson Dam- Seismic Retrofit	Evaluate seismic issues. Evaluate how and if renovations should be made. Implement renovations.	TBD			FAHCE

WORKING DRAFT

Watershed	Proj #	Project Name	Project Objectives	Scope of Work	Schedule		ESA Coverage
					Begin Date	Est. Comp. Date	
WTSPLY - O&M		Anderson Dam - General Maintenance	The goal of the Dam Maintenance Program (DMP) is to help ensure the reliability and safety of the District's dams and reservoirs for the residents of Santa Clara County and other affected Counties. The purpose of the program is also to comply with the requirements of the State of California Division of Safety of Dams (DSOD), who have jurisdiction over the District's dams, and with the requirements of the Federal Energy Regulatory Commission (FERC) regarding Anderson Dam. Many of the DMP activities are required by DSOD or FERC. Unlike a project that has a distinct beginning and end of construction, this is for ongoing maintenance work.	The purpose of DMP is to make it possible for the District to perform the activities associated with operation, maintenance and repair of the water supply dams, and appurtenant structures in it's jurisdiction, such that these activities can be conducted in the most efficient, cost effective, and environmentally conscience manner, in full compliance with the California Environmental Quality Act (CEQA) and the National Environmental Protection Act (NEPA), and other appropriate environmental regulations. The work area subject to the DMP includes the areas around the dams, including the dam itself and its ancillary features such as: Spillways; Block houses; Fences and gates; Electrical stations; Hydraulic systems; Intake and outlet structures; Access roads. The EIR for the DMP is expected to be approved in August of 2007.			FAHCE
CW - CAP		Anderson Dam Hydro Electric Plant	maintain, refurbish and upgrade the Hydro electric plant to ensure usability and to keep up with technological advances				FAHCE
WTSPLY - O&M		Budd Percolation Pond General Maintenance	Remove sediment to improve infiltration. Maintenance of assoicated access roads, diversion structures, and catwalks.				FAHCE
WTSPLY - O&M		Calera Creek - Berryessa Creek to Escuela Parkway					

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Watershed	Proj #	Project Name	Project Objectives	Scope of Work	Schedule		ESA Coverage
					Begin Date	Est. Comp. Date	
CW - CAP		Calero Dam - General Maintenance	The goal of the Dam Maintenance Program (DMP) is to help ensure the reliability and safety of the District's dams and reservoirs for the residents of Santa Clara County and other affected Counties. The purpose of the program is also to comply with the requirements of the State of California Division of Safety of Dams (DSOD), who have jurisdiction over the District's dams, and with the requirements of the Federal Energy Regulatory Commission (FERC) regarding Anderson Dam. Many of the DMP activities are required by DSOD or FERC. Unlike a project that has a distinct beginning and end of construction, this is for ongoing maintenance work.	The purpose of DMP is to make it possible for the District to perform the activities associated with operation, maintenance and repair of the water supply dams, and appurtenant structures in it's jurisdiction, such that these activities can be conducted in the most efficient, cost effective, and environmentally conscience manner, in full compliance with the California Environmental Quality Act (CEQA) and the National Environmental Protection Act (NEPA), and other appropriate environmental regulations. The work area subject to the DMP includes the areas around the dams, including the dam itself and its ancillary features such as: Spillways; Block houses; Fences and gates; Electrical stations; Hydraulic systems; Intake and outlet structures; Access roads. The EIR for the DMP is expected to be approved in August of 2007.			FAHCE
WTSPLY - O&M		Calero Dam Seismic Retrofit	Evaluate seismic issues. Evaluate how and if renovations should be made. Implement renovations.				FAHCE
Coyote - CAP		Camden Percolation Pond General Maintenance	Remove sediment to improve infiltration. Maintenance of assoicated access roads, diversion structures, and catwalks.				FAHCE

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Watershed	Proj #	Project Name	Project Objectives	Scope of Work	Schedule		ESA Coverage
					Begin Date	Est. Comp. Date	
WTSPLY - O&M		Chesbro Dam - General Maintenance	The goal of the Dam Maintenance Program (DMP) is to help ensure the reliability and safety of the District's dams and reservoirs for the residents of Santa Clara County and other affected Counties. The purpose of the program is also to comply with the requirements of the State of California Division of Safety of Dams (DSOD), who have jurisdiction over the District's dams, and with the requirements of the Federal Energy Regulatory Commission (FERC) regarding Anderson Dam. Many of the DMP activities are required by DSOD or FERC. Unlike a project that has a distinct beginning and end of construction, this is for ongoing maintenance work.	The purpose of DMP is to make it possible for the District to perform the activities associated with operation, maintenance and repair of the water supply dams, and appurtenant structures in it's jurisdiction, such that these activities can be conducted in the most efficient, cost effective, and environmentally conscience manner, in full compliance with the California Environmental Quality Act (CEQA) and the National Environmental Protection Act (NEPA), and other appropriate environmental regulations. The work area subject to the DMP includes the areas around the dams, including the dam itself and its ancillary features such as: Spillways; Block houses; Fences and gates; Electrical stations; Hydraulic systems; Intake and outlet structures; Access roads. The EIR for the DMP is expected to be approved in August of 2007.			
CW - CAP		Church Percolation Pond General Maintenance	Remove sediment to improve infiltration. Maintenance of assoicated access roads, diversion structures, and catwalks.				
WTSPLY - O&M		Coyote Canal General Maintenance	To maintain canal and access road in a manner to ensure continued usability	Vegetation management, Repairs to correct erosion and subsidence. Maintenance of access roads and canals will be done in a manner to avoid or protect sensitive species			
WTSPLY - O&M		Coyote Creek - Hwy 101 to Metcalf	Flood Protection				
WTSPLY - O&M		Coyote Creek - Hwy 280 to Hwy 101	Flood Protection				
WTSPLY - O&M		Coyote Creek Golf Drive	18 acres of property between canal and 101 adjacent to coyote canal RLF restoration				

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Watershed	Proj #	Project Name	Project Objectives	Scope of Work	Schedule		ESA Coverage
					Begin Date	Est. Comp. Date	
Coyote - CAP		Coyote Dam - General Maintenance	The goal of the Dam Maintenance Program (DMP) is to help ensure the reliability and safety of the District's dams and reservoirs for the residents of Santa Clara County and other affected Counties. The purpose of the program is also to comply with the requirements of the State of California Division of Safety of Dams (DSOD), who have jurisdiction over the District's dams, and with the requirements of the Federal Energy Regulatory Commission (FERC) regarding Anderson Dam. Many of the DMP activities are required by DSOD or FERC. Unlike a project that has a distinct beginning and end of construction, this is for ongoing maintenance work.	The purpose of DMP is to make it possible for the District to perform the activities associated with operation, maintenance and repair of the water supply dams, and appurtenant structures in it's jurisdiction, such that these activities can be conducted in the most efficient, cost effective, and environmentally conscience manner, in full compliance with the California Environmental Quality Act (CEQA) and the National Environmental Protection Act (NEPA), and other appropriate environmental regulations. The work area subject to the DMP includes the areas around the dams, including the dam itself and its ancillary features such as: Spillways; Block houses; Fences and gates; Electrical stations; Hydraulic systems; Intake and outlet structures; Access roads. The EIR for the DMP is expected to be approved in August of 2007.			FAHCE
Coyote - CAP		Coyote Extension Canal General Maintenance	To maintain canal and access road in a manner to ensure continued usability	Vegetation management, Repairs to correct erosion and subsidence. Maintenance of access roads and canals will be done in a manner to avoid or protect sensitive species			SMP Extension
Coyote - CAP		Coyote Percolation Pond General Maintenance	Remove sediment to improve infiltration. Maintenance of associated access roads, diversion structures, and catwalks.				
WTSPLY - O&M		Coyote-Alamitos Canal	To maintain canal and access road in a manner to ensure continued usability	Vegetation management, Repairs to correct erosion and subsidence. Maintenance of access roads and canals will be done in a manner to avoid or protect sensitive species			SMP Extension
WTSPLY - O&M		Desalination water distribution system	Maximize existing pipelines right-of-way				
WTSPLY - O&M		East Little Llagas Creek - Hwy 101 to LOJ	Flood Protection				

WORKING DRAFT

Watershed	Proj #	Project Name	Project Objectives	Scope of Work	Schedule		ESA Coverage	
					Begin Date	Est. Comp. Date		
WTSPLY - O&M		East Penitencia Creek - Lower Penitencia to LOJ	Flood Protection					
CW - CAP		Fisher Creek - Bailey Ave to LOJ	Flood Protection					
Uvas/LI - CAP		Ford Road Percolation Pond	Remove sediment to improve infiltration.					
		General Maintenance	Maintenance of associated access roads, diversion structures, and catwalks.					
Coyote - CAP		Gavilan Creek - Uvas Creek to Headwaters	Flood Protection					
Coyote - CAP		Guadalupe Dam - General Maintenance	The goal of the Dam Maintenance Program (DMP) is to help ensure the reliability and safety of the District's dams and reservoirs for the residents of Santa Clara County and other affected Counties. The purpose of the program is also to comply with the requirements of the State of California Division of Safety of Dams (DSOD), who have jurisdiction over the District's dams, and with the requirements of the Federal Energy Regulatory Commission (FERC) regarding Anderson Dam. Many of the DMP activities are required by DSOD or FERC. Unlike a project that has a distinct beginning and end of construction, this is for ongoing maintenance work.	The purpose of DMP is to make it possible for the District to perform the activities associated with operation, maintenance and repair of the water supply dams, and appurtenant structures in its jurisdiction, such that these activities can be conducted in the most efficient, cost effective, and environmentally conscience manner, in full compliance with the California Environmental Quality Act (CEQA) and the National Environmental Protection Act (NEPA), and other appropriate environmental regulations. The work area subject to the DMP includes the areas around the dams, including the dam itself and its ancillary features such as: Spillways; Block houses; Fences and gates; Electrical stations; Hydraulic systems; Intake and outlet structures; Access roads. The EIR for the DMP is expected to be approved in August of 2007.			FAHCE	
WTSPLY - O&M		Guadalupe Dam Seismic Retrofit	Evaluate seismic issues. Evaluate how and if renovations should be made. Implement renovations					FAHCE
Uvas/LI - CAP		Guadalupe Percolation Pond	Remove sediment to improve infiltration.					
		General Maintenance	Maintenance of associated access roads, diversion structures, and catwalks.					
WTSPLY - O&M		Hydro Electric Plants @ other Dams	Build and Install Hydro Electric plants at SCVWD Dams as energy demand increases					

WORKING DRAFT

Watershed	Proj #	Project Name	Project Objectives	Scope of Work	Schedule		ESA Coverage
					Begin Date	Est. Comp. Date	
CW - CAP		Jones Creek - Llagas Creek to Alamas Creek	Flood Protection				
WTSPLY - O&M		Kirk Ditch General Maintenance	To maintain canal and access road in a manner to ensure continued usability	Vegetation management, Repairs to correct erosion and subsidence. Maintenance of access roads and canals will be done in a manner to avoid or protect sensitive species			
CW - CAP		Kooser Percolation Pond General Maintenance	Remove sediment to improve infiltration. Maintenance of associated access roads, diversion structures, and catwalks.				
Uvas/L1 - CAP		Landslide Remediation	To protect integrity of pipeline, access roads, canals etc	Sediment and debris removal, drainage control	As Necessary		
WTSPLY - O&M		Levee - General Maintenance	To maintain all levees in a manner to ensure continued integrity and flood control protection	Vegetation management, rodent control, Repairs to correct erosion and subsidence.			
WTSPLY - O&M		Lions Creek - Sta 102+00 to Headwaters	Flood Protection				
Guad-Coyote		Los Capitancillos Percolation Pond General Maintenance	Remove sediment to improve infiltration. Maintenance of associated access roads, diversion structures, and catwalks.				
Guad-Coyote		Los Coches Creek - 680 to Temple Dr.					
Uvas/L1 - CAP		Madrone Percolation Pond General Maintenance	Remove sediment to improve infiltration. Maintenance of associated access roads, diversion structures, and catwalks.				
WTSPLY - O&M		Main Avenue Percolation Pond General Maintenance	Remove sediment to improve infiltration. Maintenance of associated access roads, diversion structures, and catwalks.				
Coyote - CAP		McClellan Percolation Pond General Maintenance	Remove sediment to improve infiltration. Maintenance of associated access roads, diversion structures, and catwalks.				FAHCE
WTSPLY - O&M		McGlincey Percolation Pond General Maintenance	Remove sediment to improve infiltration. Maintenance of associated access roads, diversion structures, and catwalks.				FAHCE
WTSPLY - O&M		Miquelita Creek - Lower Silver Creek to Toyon Rd					
WTSPLY - O&M		Oka Lane Percolation Pond General Maintenance	Remove sediment to improve infiltration. Maintenance of associated access roads, diversion structures, and catwalks.				FAHCE

WORKING DRAFT

Watershed	Proj #	Project Name	Project Objectives	Scope of Work	Schedule		ESA Coverage
					Begin Date	Est. Comp. Date	
WTSPPLY - O&M		Overfelt Percolation Pond General Maintenance	Remove sediment to improve infiltration. Maintenance of associated access roads, diversion structures, and catwalks.				
Coyote - CAP		Pajaro River Sediment Removal - Santa Cruz County Lint to Llagas Creek					
WTSPPLY - O&M		Penitencia Percolation Pond General Maintenance	Remove sediment to improve infiltration. Maintenance of associated access roads, diversion structures, and catwalks.				FAHCE
WTSPPLY - O&M		Penitencia Water Treatment Plant General Maintenance	To Maintain Water Treatment Plant to support continued usability. To make technological upgrades as technologies advance	There will be at least one major upgrade in the 50 year period.			
WTSPPLY - O&M		Quimby Creek - Thompson Creek to LOJ	Flood Protection				
Uvas/LI - O&M		Rinconada Water Treatment Plant General Maintenance	To Maintain Water Treatment Plant to support continued usability. To make technological upgrades as technologies advance	There will be at least one major upgrade in the 50 year period.			
WTSPPLY - O&M		San Pedro Percolation Pond General Maintenance	Remove sediment to improve infiltration. Maintenance of associated access roads, diversion structures, and catwalks.				
WTSPPLY - O&M		Santa Teresa Water Treatment Plant General Maintenance	To Maintain Water Treatment Plant to support continued usability. To make technological upgrades as technologies advance	There will be at least one major upgrade in the 50 year period.			
Coyote - CAP		Sierra Creek - Berryessa. to LOJ	Flood Protection				
WTSPPLY - O&M		Solar Projects	Build and Install floating solar plants at SCVWD Dams as energy demand increases				
WTSPPLY - O&M		South Babb Creek - Lower Silver Creek to U/S Clayton	Flood Protection				
WTSPPLY - O&M		Stream Gauge Maintenance	To maintain stream guages in good working order	sediment removal, minor vegetation control, possible insect control inside stream gauge houses structures.			
Coyote - CAP		Sunnyoaks Percolation Pond General Maintenance	Remove sediment to improve infiltration. Maintenance of associated access roads, diversion structures, and catwalks.				FAHCE
CW - CAP		Tar Creek Enhancement					
Coyote - CAP		Thomspon Creek - Aborn Rd to U/S Quimby	Flood Protection				

WORKING DRAFT

Watershed	Proj #	Project Name	Project Objectives	Scope of Work	Schedule		ESA Coverage
					Begin Date	Est. Comp. Date	
WTSPLY - O&M		Thomson Creek - Entire Length					
WTSPLY - O&M		Tick Creek Restoration					
Uvas/L1 - CAP		Upper Page Ditch General Maintenance	To maintain canal and access road in a manner to ensure continued usability	Vegetation management, Repairs to correct erosion and subsidence. Maintenance of access roads and canals will be done in a manner to avoid or protect sensitive species			
Coyote - CAP		Upper Silver Creek - Hwy 101 Coyote Creek	Remove concrete lining replace with geomorphic channel and restore riparian				
Coyote - CAP		Upper Silver Creek - Hwy 101 to Silver Creek Rd	Flood Protection				
Uvas/L1 - CAP		Uvas Creek - Fish Passage					
WTSPLY - O&M		Uvas Dam - General Maintenance	The goal of the Dam Maintenance Program (DMP) is to help ensure the reliability and safety of the District's dams and reservoirs for the residents of Santa Clara County and other affected Counties. The purpose of the program is also to comply with the requirements of the State of California Division of Safety of Dams (DSOD), who have jurisdiction over the District's dams, and with the requirements of the Federal Energy Regulatory Commission (FERC) regarding Anderson Dam. Many of the DMP activities are required by DSOD or FERC. Unlike a project that has a distinct beginning and end of construction, this is for ongoing maintenance work.	The purpose of DMP is to make it possible for the District to perform the activities associated with operation, maintenance and repair of the water supply dams, and appurtenant structures in it's jurisdiction, such that these activities can be conducted in the most efficient, cost effective, and environmentally conscience manner, in full compliance with the California Environmental Quality Act (CEQA) and the National Environmental Protection Act (NEPA), and other appropriate environmental regulations. The work area subject to the DMP includes the areas around the dams, including the dam itself and its ancillary features such as: Spillways; Block houses; Fences and gates; Electrical stations; Hydraulic systems; Intake and outlet structures; Access roads. The EIR for the DMP is expected to be approved in August of 2007.			
Coyote - CAP		Uvas-Carnadero Creek - Pajaro River to Watsonville Rd.	Flood Protection				

WORKING DRAFT

Watershed	Proj #	Project Name	Project Objectives	Scope of Work	Schedule		ESA Coverage
					Begin Date	Est. Comp. Date	
Coyote - CAP		Vasona Canal General Maintenance	To maintain canal and access road in a manner to ensure continued usability	Vegetation management, Repairs to correct erosion and subsidence. Maintenance of access roads and canals will be done in a manner to avoid or protect sensitive species			
Uvas/L1 - CAP		West Branch Llagas - Day Rd. to LOJ	Flood Protection				
WTSPLY - O&M		West Little Llagas Creek - East Little Llagas Creet to Llagas Rd.	Flood Protection				
Uvas/L1 - CAP	TBD	Groundwater Monitoring Well/Telemetry Installation	To improve groundwater monitoring network and data collection.	Design and construct additional groundwater monitoring wells at various locations throughout the county for the collection of groundwater level and quality data. Also involves the installation of telemetry equipment at new and existing monitoring sites to improve data collection.			
WTSPLY - O&M	TBD	SCVWD Owned Well Fields	To improve water supply reliability.	Plan, design, and construct water supply wells and associated piping to connect to existing distribution system in accordance with recommendations of Integrated Water Resources Planning Study (2003). Footprint for pump stations estimated to be 5,000 square feet.			
Uvas/L1 - CAP	TBD	Shallow Groundwater Recovery Facilities	To improve water supply reliability.	Where feasible, capture shallow groundwater and put to beneficial use. Potential beneficial uses include groundwater recharge, potable water, stream augmentation, and blending with recycled water. Known areas of shallow groundwater include the Newhall area in San Jose/Santa Clara, and Coyote Valley. May require piping to connect to distribution system or facilities, and water may need to be treated prior to beneficial use.			

WORKING DRAFT

Watershed	Proj #	Project Name	Project Objectives	Scope of Work	Schedule		ESA Coverage
					Begin Date	Est. Comp. Date	
Uvas/LI - CAP	91042015	Groundwater Recharge Reuse Facilities	To expand recycled water use to include indirect potable use through groundwater recharge.	Conduct pilot study at existing recharge facility in Santa Clara Subbasin. Requires planning, design, and construction of plant to produce advanced treated recycled water, if not already existing. Plan, design, and construct additional recharge facilities as needed.			
CW - CAP	TBD	Morgan Hill Surface Water Package Treatment Plant	To improve water supply reliability.	Plan, design, and construct package plant to provide supplemental water supply. Includes piping to connect to surface water supply.			

Source: Santa Clara Valley Water District (August 1 2006).

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