

Chapter 6 – Adaptive Management Program

Table 6-12. Potential Schedule for Completing Remaining Phase 1 Non-flow Measures

Watershed	Settlement Agreement Section No.	Remaining Phase 1 Non-flow Measures To Be Initiated and Completed	Calendar Year										
			2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	
Coyote Creek	6.2.4.3.1	Spawning Habitat Enhancement – Coyote Creek Watershed	Green	Orange	Orange								
	6.2.4.3.2	Rearing Habitat Enhancement – Coyote Creek Watershed	Green	Orange	Orange								
	6.2.4.4.2	Geomorphic Functions Study for Coyote Creek Watershed				Yellow	Yellow	Yellow					
		Implement Geomorphic Pilot Project, if feasible, in Coyote Creek Watershed	Green	Orange	Orange								
	6.4.2.1.1(D)	Plan for Reducing Smolts Entrainment and Predation at Coyote Percolation Facility								Yellow	Yellow		
		Operate for Reducing Smolts Entrainment and Predation at Coyote Percolation Facility										Orange	Orange
	6.4.2.1.2(B)	Planning and Design Ogier Road Quarry Pond Complex (Barrier FB34; County-owned)	Yellow	Yellow	Yellow								
		Ogier Road Quarry Pond Complex (Barrier FB34; County-owned)	Green	Green	Green	Green						Orange	Orange
	6.4.2.1.3(A)	Coyote Creek Facilities Plan – Laguna Seca Groundwater Remediation										Yellow	Yellow
	6.4.2.1.3(B)	Coyote Creek Facilities Plan – Metcalf Ponds Stream Corridor Restoration Plan									Yellow	Yellow	Yellow
	6.4.2.1.4	Cherry Flat Reservoir Operations Agreement with City of San José						Yellow	Yellow				
6.4.2.1.5	Trap and Truck Feasibility Study at Anderson Reservoir	Yellow	Yellow										

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			2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	
Guadalupe River	6.2.4.3.1	Spawning Habitat Enhancement – Guadalupe River Watershed								Yellow	Green	Orange	
	6.2.4.3.2	Rearing Habitat Enhancement – Guadalupe River Watershed								Yellow	Green	Orange	
	6.2.4.4.1	Geomorphic Functions Study for Guadalupe River watershed	Yellow	Yellow	Yellow								
	6.2.4.4.2	Implement Geomorphic Pilot Project, if feasible, in Guadalupe River Watershed				Green	Green	Orange	Orange				
	6.6.2.1.2.2	Pheasant Creek Culvert (Barrier AAB1; private owner)							Yellow	Yellow			
		Old Dam (Barrier DB7); private owner									Yellow	Yellow	
	6.6.2.1.3.2	Alamitos Creek Drop Structure – (Bertram Drop Structure; Barrier CB5); private owner										Yellow	Yellow
6.6.2.1.3.3(A)	Alamitos Creek Facilities Plan – Almaden Reservoir Dam – Evaluate Alternatives to Provide Unimpeded Passage at the Dam							Yellow	Yellow				
Stevens Creek	6.2.4.3.1	Spawning Habitat Enhancement – Stevens Creek Watershed				Yellow	Green	Orange					
	6.2.4.3.2	Rearing Habitat Enhancement – Stevens Creek Watershed				Yellow	Green	Orange					
	6.5.2.2(A)	Fremont Fish Ladder Remediation (Barrier HL3)		Yellow	Yellow								
					Green	Green							
		Moffett Fish Ladder Remediation (Barrier HL1)	Yellow	Yellow									
	6.5.2.3	Portable Multi-port Outlet in Stevens Creek Watershed								Yellow	Yellow		
											Green	Green	
6.5.2.5	Trap-and-Truck Feasibility Study at Stevens Creek Reservoir				Yellow	Yellow						Orange	

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			2024	2025	2026	2027	2028	2029	2030	2031	2032	2033		
Three Creeks	6.2.4.4.3	Bank Stabilization Guidelines												
	6.2.4.5	Advanced Recycled and Other Urban Water Plan												
	Adaptive Management Program	Monitoring/Reporting (including non-flow measures already implemented)												
		Trend Data Collection												
		Trend Data Analysis Reporting (included in the respective annual report)												
		Identify and Seek Partnerships/Grant Funding for Planning Studies Needing Partners												
		Proactively Seek/Advocate for/Support Funding of Non-District Owned Nonflow Measures												
		Reprioritize the Remaining Phase 1 Measures As Needed												

Notes:

1. This schedule is to be reviewed and updated annually as a part of the adaptive management program.
2. Completed projects are listed in respective chapters of the FHRP.
3. Additional studies are to be reviewed and discussed for reprioritization under the adaptive management program.

	<u>Planning/Design</u>		<u>Operations and Maintenance</u>
	<u>Construction</u>		<u>Continual (includes all categories)</u>
	<u>CEQA/Permitting (pending resource agency actions)</u>		

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Table 6-13. Schedule for Flow Measures, with Pause When Seismic Retrofit Projects Are Under Construction

Creek/ Reservoir	Total Capacity (acre)	Restricted Capacity		Calendar Year																
		acre feet	%	2020– 2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039
Coyote/ Coyote	22,541	11,843	52.5																	
Coyote/ Anderson	89,278	3,159	3.5																	
Guadalupe/ Guadalupe	3,320	2,134	64	Pilot Flow																
Calero/ Calero	9,738	4,414	45																	
Alamitos/ Almaden	1,555	1,443	93																	
Los Gatos/ Lenihan	18,534	N/A	=																	
Stevens/ Stevens Creek	3,056	N/A	=	Pilot Flow																

Note: This schedule will be reviewed and updated annually as a part of the adaptive management program.

	Flow Measure Implementation
	Seismic Retrofit in Progress

Brief Description on Timing of Seismic Retrofits and Full Implementation of FAHCE Flow Measures

1. Scheduling of construction of seismic retrofit projects at Guadalupe, Calero, and Almaden Dams, all within the Guadalupe River Watershed, is designed to maintain operations of these reservoirs to meet water supply needs and provide flows that support aquatic species downstream. Additionally, the VHP states that only one reservoir within the same watershed should be dewatered for construction at any time. Therefore, the dam retrofit projects within the Guadalupe River Watershed would be coordinated closely and constructed sequentially.

2. Specifically, construction of the seismic retrofit project at Guadalupe Dam is scheduled to begin in 2028 and conclude in 2031. Construction of the Calero Dam seismic retrofit project is scheduled to begin in 2032 and conclude in 2034. The current DSOD restriction at Almaden Dam is minor in comparison to other reservoirs in the Guadalupe River Watershed, with minimal effect on implementing the rule curves, and is, therefore, scheduled to be the last seismic retrofit completed. The Almaden Dam seismic retrofit project consists of replacing the dam outlet works and replacing the spillway to meet DSOD requirements. Project construction is scheduled to begin in 2035 and conclude in 2037.