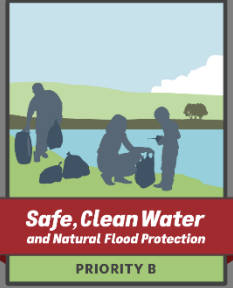


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Project Recommendations

Priority A - Ensure a Safe, Reliable Water Supply

Project:		KPI:	Status:	Comment:
A1	Pacheco Reservoir Expansion	1. Provide a portion of funds, up to \$10 million, to help construct the Pacheco Reservoir Expansion Project.	Adjusted	IMC agrees with the project status. Recommendation: <ul style="list-style-type: none">• Provide supplemental information about the project progress and, if warranted, modify the KPI.• Add the link to the Pacheco Reservoir project webpage and ensure posted material is updated.
A2	Water Conservation Rebates and Programs	1. Award up to \$1 million per year toward specified water conservation program activities, including rebates, technical assistance, and public education, within the first seven (7) years of the Program.	On Target	IMC agrees with the project status. Recommendations: <ul style="list-style-type: none">• Modify the KPI to reflect operational outcome objectives to meet program measures. Need to tie the KPI to the outcome of water being conserved. E.g., show trendline on conservation or how is overall conservation or progress.
A3	Pipeline Reliability	1. Install four (4) new line valves on treated water distribution pipelines.	Adjusted	IMC agrees with the project status. No recommendations.

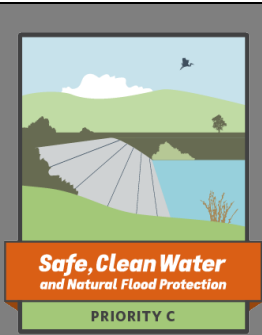


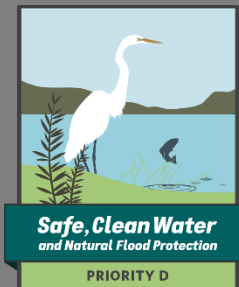
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Project Recommendations

Priority B – Reduce Toxins, Hazards, and Contaminants in Our Waterways

Project:		KPI:	Status:	Comment:
B1	Impaired Water Bodies Improvement	<ol style="list-style-type: none"> 1. Investigate, develop, and implement actions to reduce methylmercury in fish and other organisms in the Guadalupe River Watershed. 2. Prepare and update a plan for the prioritization of surface water quality improvement activities, such as addressing trash and other pollutants. 3. Implement at least two (2) priority surface water quality improvement activities identified in the plan per 5-year implementation period. 	On Target	IMC agrees with the project status. No recommendations.
B2	Inter-Agency Urban Runoff Program	<ol style="list-style-type: none"> 1. Address trash in creeks by maintaining trash capture devices or other litter control programs. 2. Maintain Valley Water’s municipal stormwater compliance program and partner with cities to address surface water quality improvements, including participation in at least three (3) countywide, regional, or statewide stormwater program committees to help guide regulatory development, compliance, and monitoring. 3. Support at least one (1) stormwater quality improvement activity per 5-year implementation period in Santa Clara County, including providing up to \$1.5 million over 15 years to support implementation of green stormwater infrastructure consistent with Santa Clara Basin and South County Stormwater Resource Plans. 	On Target	IMC agrees with the project status. No recommendations.
B3	Hazardous Materials Management and Response	<ol style="list-style-type: none"> 1. Respond to 100% of hazardous materials reports requiring urgent on-site inspection in two (2) hours or less. 	On Target	IMC agrees with the project status. No recommendations.
B4	Support Volunteer Cleanup Efforts	<ol style="list-style-type: none"> 1. Fund Valley Water’s creek stewardship program to support volunteer cleanup activities, such as annual National River Cleanup Day, California Coastal Cleanup Day, the Great American Litter Pick Up, and the Adopt-A-Creek Program. 	On Target	IMC agrees with the project status. No recommendations.

<div>  <div> <div>Independent Monitoring Committee Report Fiscal Year 2021-2022</div> <div>Project Recommendations</div> <div>Priority C - Protect Our Water Supply and Dams from Earthquakes and Other Natural Disasters</div> </div> </div>				
Project:		KPI:	Status:	Comment:
C1	Anderson Dam Seismic Retrofit	1. Provide portion of funds, up to \$54.1 million, to help restore full operating reservoir capacity of 90,373 acre-feet.	Adjusted (Scheduled to Start in FY25)	IMC agrees with the project status. Recommendations: <ul style="list-style-type: none"> Develop a 5D BIM (Building Information Model). Provide details of the various sub-projects, project by project, where we are, where the money's being spent, and where we're going. Modify the KPI in terms of reporting whether or not you're making progress toward the ultimate goal. Maintain funds transferred but tie it to a sub-project or sub-projects within the larger project after the contract is awarded. Add the link to the Anderson Dam project webpage and ensure posted material is updated.



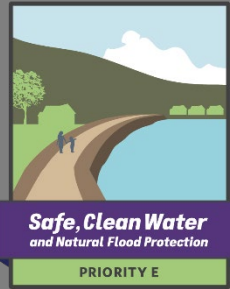
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Project Recommendations

Priority D - Restore Wildlife Habitat and Provide Open Space

Project:		KPI:	Status:	Comment:
D1	Management of Riparian Planting and Invasive Plant Removal	<ol style="list-style-type: none"> 1. Maintain a minimum of 300 acres of riparian planting projects annually to meet regulatory requirements and conditions. 2. Maintain a minimum of 200 acres of invasive plant management projects annually to meet regulatory requirements and conditions. 3. Remove 25 acres of Arundo donax throughout the county over a 15-year period. 	On Target	IMC agrees with the project status. No recommendations.
D2	Revitalize Riparian, Upland and Wetland Habitat	<ol style="list-style-type: none"> 1. Revitalize at least 21 acres over a 15-year period through native plant revegetation and/or removal of invasive exotic species. 2. Develop an Early Detection and Rapid Response Program Manual. 3. Identify and treat at least 100 occurrences of emergent invasive species over a 15-year period, as identified through the Early Detection and Rapid Response Program. 4. Develop at least eight (8) information sheets for Early Detection of Invasive Plant Species. 	On Target	IMC agrees with the project status. No recommendations.
D3	Sediment Reuse to Support Shoreline Restoration	<ol style="list-style-type: none"> 1. Maintain partnership agreements to reuse sediment to improve the success of salt pond and tidal marsh restoration projects and activities. 2. Provide up to \$4 million per 15-year period to support activities necessary for sediment reuse. 	On Target	IMC agrees with the project status. No recommendations.
D4	Fish Habitat and Passage Improvement	<ol style="list-style-type: none"> 1. Complete planning and design for one (1) creek/lake separations. 2. Construct one (1) creek/lake separation project in partnership with local agencies. 3. Use \$8 million for fish passage improvements by June 30, 2028. 4. Update study of all major steelhead streams in the county to identify priority locations for fish migration barrier removal and installation of large woody debris and gravel as appropriate. 5. Complete five (5) habitat enhancement projects based on studies that identify high priority locations for large wood, boulders, gravel, and/or other habitat enhancement features. 	Adjusted	IMC agrees with the project status. No recommendations.
D5	Ecological Data Collection and Analysis	<ol style="list-style-type: none"> 1. Reassess and track stream ecological conditions and habitats in each of the county's five (5) watersheds every 15 years. 2. Provide up to \$500,000 per 15-year period toward the development and updates of five (5) watershed plans that include identifying priority habitat enhancement opportunities in Santa Clara County. 	On Target	IMC agrees with the project status. No recommendations.

D6	Restoration of Natural Creek Functions	<ol style="list-style-type: none">1. Construct the Hale Creek Enhancement Pilot Project, which includes restoration and stabilization of a 650-foot section of concrete-lined channel on Hale Creek, between Marilyn Drive and North Sunshine Drive on the border of Mountain View and Los Altos.2. Construct the Bolsa Road Fish Passage Project along 1,700 linear feet of Uvas-Carnadero Creek in unincorporated Santa Clara County, which includes geomorphic design features that will restore stability and stream function.3. Identify, plan, design, and construct a third geomorphic-designed project to restore stability and stream function by preventing incision and promoting sediment balance throughout the watershed.	Adjusted	IMC agrees with the project status. No recommendations.
D7	Partnerships for the Conservation of Habitat Lands	<ol style="list-style-type: none">1. Provide up to \$8 million per 15-year period for the acquisition or enhancement of property for the conservation of habitat lands.	On Target	IMC agrees with the project status. No recommendations.



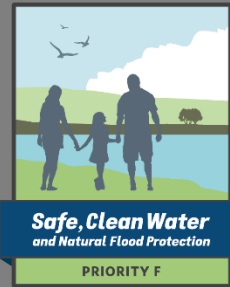
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Project Recommendations

Priority E - Provide Flood Protection to Homes, Businesses, Schools, Streets, and Highways

Project:		KPI:	Status:	Comment:
E1	Coyote Creek Flood Protection	1. Construct flood protection improvements along Coyote Creek between Montague Expressway and Tully Road to provide protection from floods up to the level that occurred on February 21, 2017, approximately a 5% (20-year) flood event.	On Target	IMC does not agree with the project status and considers the project to be “Not on Target.” Recommendations: <ul style="list-style-type: none"> In future annual reports, provide the history of the Coyote Creek Flood Protection Project under the 2002, 2012 and the current 2020 programs. This is the third iteration of the project since initially proposed in 2005. Clarify that the project was changed from a 1% flood protection project to a 5% flood protection project.
E2	Sunnyvale East and Sunnyvale West Channels Flood Protection	1. Provide 1% (100-year) flood protection for 1,618 properties and 47 acres (11 parcels) of industrial land, while improving stream water quality and working with other agencies to incorporate recreational opportunities.	Adjusted	IMC agrees with the project status. No recommendations.
E3	Lower Berryessa Flood Protection, including Tularcitos and Upper Calera Creeks (Phase 3)	1. With local funding only: Complete the design phase of the 1% (100-year) flood protection project to protect an estimated 1,420 parcels.	Scheduled To Start	IMC agrees with the project status. No recommendations.
E4	Upper Penitencia Creek Flood Protection	1. Preferred project with federal and local funding: Construct a flood protection project to provide 1% (100-year) flood protection to 8,000 parcels. 2. With local funding only: Construct a 1% (100-year) flood protection project from Coyote Creek confluence to Capital Avenue to provide 1% (100-year) flood protection to 1,250 parcels, including the new Berryessa BART station.	Adjusted	IMC agrees with the project status. No recommendations.
E5	San Francisquito Creek Flood Protection	1. Preferred project with federal, state and local funding: Protect more than 3,000 parcels by providing 1% (100-year) flood protection. 2. With state and local funding only: Protect approximately 3,000 parcels by providing 1% (100-year) flood protection downstream of Highway 101, and approximately 1.4% (70-year) protection upstream of Highway 101.	Adjusted	IMC agrees with the project status. No recommendations.
E6	Upper Llagas Creek Flood Protection	1. Preferred project with federal and local funding: Plan, design and construct flood protection improvements along 13.9 miles of Upper Llagas Creek from Buena Vista Avenue to Llagas Road to provide flood protection to 1,100 homes, 500 businesses, and 1,300 agricultural acres, while improving stream habitat. 2. With local funding only: Construct flood protection improvements along Llagas Creek from Buena Vista Avenue to Highway 101 in San Martin (Reaches 4 and 5 (portion)), Monterey Road to Watsonville Road in Morgan Hill (Reach 7a), approximately W. Dunne Avenue to W. Main Avenue (portion of Reach 8), and onsite compensatory mitigation at Lake Silveira.	On Target	IMC agrees with the project status. No recommendations.

E7	San Francisco Bay Shoreline Protection	<ol style="list-style-type: none">1. Provide a portion of the local share of funding for planning, design and construction phases for the Santa Clara County shoreline area, EIAs 1-4.2. Provide a portion of the local share of funding for planning and design phases for the Santa Clara County shoreline area, EIAs 5-9.	On Target	IMC agrees with the project status. No recommendations.
E8	Upper Guadalupe River Flood Protection	<ol style="list-style-type: none">1. Preferred project with federal and local funding: Construct a flood protection project to provide 1% (100-year) flood protection to 6,280 homes, 320 businesses and 10 schools and institutions.2. With local funding only: Construct flood protection improvements along 4,100 feet of Guadalupe River between the Southern Pacific Railroad (SPRR) crossing, downstream of Willow Street, to the Union Pacific Railroad (UPRR) crossing, downstream of Padres Drive, and provide gravel augmentation along approximately 800 linear feet of the Upper Guadalupe River in San José, from approximately the Union Pacific Railroad Bridge to West Virginia Street Bridge to improve aquatic habitat for migrating steelhead and channel stability.	Adjusted	IMC agrees with the project status. No recommendations.



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Project Recommendations

Priority F – Support Public Health and Public Safety for Our Community

Project:			Status:	Comment:
F1	Vegetation Control and Sediment Removal for Capacity	1. Maintain completed flood protection projects for flow conveyance.	On Target	IMC agrees with the project status. Recommendations: <ul style="list-style-type: none"> Using HEC-RAS or similar modeling to show flow conveyance. Under the status, provide supplemental information explaining how the actions taken are leading to the desired outcome.
F2	Emergency Response Planning and Preparedness	1. Coordinate with local municipalities to merge Valley Water-endorsed flood emergency processes with their own emergency response plans and processes. 2. Complete five (5) flood management plans/procedures per 5-year period, selected by risk priorities. 3. Train Valley Water staff and partner municipalities annually on disaster procedures via drills and exercises before testing the plans and procedures. 4. Test flood management plans/procedures annually to ensure effectiveness.	On Target	IMC agrees with the project status. No recommendations.
F3	Flood Risk Assessment Studies	1. Complete engineering studies on three (3) creek reaches to address 1% (100-year) flood risk. 2. Annually, update floodplain maps on a minimum of three (3) creek reaches in accordance with new FEMA standards.	On Target	IMC agrees with the project status. No recommendations.
F4	Vegetation Management for Access and Fire Safety	1. Provide vegetation management for access and fire risk reduction on an average of 495 acres per year, totaling 7,425 acres along levee, property lines and maintenance roads over a 15-year period.	On Target	IMC agrees with the project status. No recommendations.
F5	Good Neighbor Program: Encampment Cleanup	1. Manage 300 acres annually to clean up trash, debris, and hazardous pollutants generated from encampments and to reduce the amount of these pollutants entering streams. 2. Provide up to \$500,000 per year in cost-share with local agencies for services related to encampment cleanups, including services supporting staff safety, discouraging re-encampments along waterways or addressing the socio-environmental crisis with the goal of reducing the need for encampment cleanups.	Modified	IMC agrees with the project status. Recommendations: <ul style="list-style-type: none"> Provide better data and more details; not just how much trash was collected, but more information on how much is out there vs. how much has been collected. If warranted, explore KPI modification based on changing circumstances.

F6	Good Neighbor Program: Graffiti and Litter Removal and Public Art	<ol style="list-style-type: none"> 1. Cleanup identified trash and graffiti hotspots at approximately 80 sites four (4) times per year. 2. Respond to requests on litter or graffiti cleanup within five (5) working days. 3. Provide up to \$1.5 million over 15 years to implement public art projects on Valley Water property and infrastructure. 	On Target	IMC agrees with the project status. No recommendations.
F7	Emergency Response Upgrades	<ol style="list-style-type: none"> 1. Maintain existing capabilities for flood forecasting and warning. 2. Improve flood forecast accuracy and emergency response time working with the National Weather Service and through research and development. 	On Target	IMC agrees with the project status. No recommendations.
F8	Sustainable Creek Infrastructure for Continued Public Safety	<ol style="list-style-type: none"> 1. Provide up to \$7.5 million in the first 15-year period to plan, design and construct projects identified through Watersheds asset management plans. 	On Target	IMC agrees with the project status. No recommendations.
F9	Grants and Partnerships for Safe, Clean Water, Flood Protection and Environmental Stewardship	<ol style="list-style-type: none"> 1. Provide a grant and partnership cycle each year for projects related to safe, clean drinking water, flood protection and environmental stewardship. 2. Provide annual funding for bottle filling stations to increase drinking water accessibility, with priority for installations in economically disadvantaged communities and locations that serve school-age children and students. 3. Provide annual mini-grant funding opportunity for projects related to safe, clean drinking water, flood protection and environmental stewardship. 4. Provide up to \$3 million per 15-year period for partnerships with small municipalities (defined as under 50,000 people in the most recent census available), or special districts with boundaries substantially within the footprint of small cities, for projects aligned with the District Act and related to safe, clean drinking water, flood protection and environmental stewardship. 	On Target	IMC agrees with the project status. No recommendations.
				<p><u>Overall recommendations/comments</u></p> <p>Program-wide recommendation under Priority C subcommittee meeting:</p> <ul style="list-style-type: none"> • Develop a more nuanced “Confidence Levels” system that succinctly captures the project’s status and the obstacles it is running into. So that we can start picking out the systematic problems these projects face and that the public need to understand. • Provide more details on jurisdictional complexities. • KPIs be modified to reflect more accurate and meaningful outcome. One of the shortcomings is it also doesn’t capture a lot of work Valley Water is doing. • IMC will deal with the KPI issue more generally in its cover letter to the Board. • Track projects on an ongoing basis, beyond just a single year.

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