

Appendix J – Project Funding Sources

Project Funding Sources

Project Name	Agency Submitting	Estimated Project Cost	Estimated Annual O&M Cost*	Local cost match or in kind contributions / Sources	Existing grants / Sources
Planada Community Services District (PCSD) Wastewater Treatment Plant Improvement Project Pre-Construction Mitigation Measures	Planada Community Services District	\$ 10,037,600	--	None	\$482,735 / SWRCB SCWG for planning (secured); \$6,000,000 / USDA and SWRCB (applications are pending); \$4,037,600 would come from SWRCB and USDA loan sources
MID Le Grand / Planada Flood Control/ Conjunctive Use Expansion Study	Merced Irrigation District	\$240,000	--	\$60,000 / Merced Irrigation District	None
Main Canal Offstream Regulating Reservoir Study	Merced Irrigation District	\$240,000	--	\$60,000.00 / Merced Irrigation District	None
Main Canal at Head Seismic Rehab	Merced Irrigation District	\$1,600,000	\$160,000	\$400,000 / Merced Irrigation District	None
Livingston Canal Lining Project	Merced Irrigation District	\$3,100,000	\$310,000	None	None
McCoy Lateral Regulating Basin	Merced Irrigation District	\$3,282,600	\$328,260	\$821,000 / Merced Irrigation District	None
Cressey Recharge Basin Expansion	Merced Irrigation District	\$250,000	\$25,000	None	None
Le Grand Athlone Water Supply Enhancement	Merced Irrigation District	\$530,500	\$53,050	None	None
Black Rascal Creek Flood Control Project	Merced Streams Group (County of Merced, City of Merced, Merced Irrigation District)	\$32,800,759	\$3,280,076	None	None
Flood Risk Management Project, City of Livingston	City of Livingston	\$1,380,000	\$138,000	None	None

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Merquin Groundwater Reduction Wells	Merquin County Water District	\$1,300,000	\$130,000	None	None
Merced IRWM Digital Library Project	University of California, Merced	\$100,000	\$35,000	\$25,000.00 / Federal grant plus in-kind salary	\$1,500,000 / National Science Foundation Water, Sustainability and Climate Program. (Award period: Sept 1 2012 - Aug 30 2015)
Highline Lateral Drainage Project	Merquin county Water District	\$750,000	\$75,000	None	None
McCoy Lateral Rehabilitation	Merced Irrigation District	\$2,125,928	\$212,593	None	\$1,000,000 / USBR Bay-Delta Restoration Program: CALFED Water Use Efficiency Grant
Windmill Ditch Drainage	Merquin County Water District	\$600,000	\$60,000	None	None
4th Avenue & Lander (Hwy 165) Drainage Project	Merquin County Water District	\$150,000	\$15,000	None	None
Study for Potential Water System Intertie Facilities from Merced I.D. to LeGrand-Athlone W.D. and Chowchilla W.D.	Chowchilla Water District	\$100,000	--	\$25 / Project proponents	None
McCullough Road Drainage Project	Merquin County Water District	\$750,000	\$75,000	None	None
Highlands II - A conjunctive Use Project	Merced Irrigation District	\$1,765,500	\$176,550	\$441,375 / MID and stakeholder growers	None
Cash for Grass Pilot Program to Eliminate Wasteful Pollution Containing Water Run-off	City of Merced	\$65,680	--	\$5,680 / 2012-2013 City's Budget for water operations and salary for the water conservation specialist	None
Planada Community Services District Wastewater Treatment Plant Improvement Design & Permitting Phase	Planada Community Services District	\$10,037,600	\$232,000	None	\$482,735 / The District has applied to USDA and SWRCB for grant funding for a total of \$6,000,000 (these applications are pending); the total project cost is \$10,037,600, with approximately \$4,037,600 coming from SWRCB and USDA loan sources, a \$232000 grant from the IRWM grant program would reduce Planada CSD's overall loan load from these sources.

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Snelling Channel and Floodplain Restoration	United States Fish and Wildlife Service (Anadromous Fish Restoration Program) Merced Irrigation District	\$1,020,000	--	\$50,000 / Merced Irrigation District	None
Bear Creek Siphon and Diversion Structure (BCSDS) Expansion	Stevinson Water District and Community of Stevenson	\$80,000	--	\$8,000.00 / Stevenson WD	None
Water Meter Conversion Project	City of Merced	\$4,000,000	--	None	None
Water Efficiencies Rebate Program	City of Merced	\$100,000	--	None	None
Surface and Groundwater Centralized Treatment, City of Livingston	City of Livingston	\$3,000,000	\$300,000	\$20,000 / In-kind contribution of City staff members: Public Works Director, City Manager, Finance Director, and City Engineer	None
Water Distribution System Improvements, City of Livingston	City of Livingston	\$2,600,000	\$5,000	\$260,000 / Water capital fund	None
Water Meter Project for Le Grand CSD	Le Grand Community Service District	\$536,000	\$12,000	\$24,000 / District funds	None
Ballico Community Water Service District 2nd Well Proposal funding	Ballico Community Water Service District	\$250,000	\$25,000	None	None
Exchange Recycled Water for Surface Water in Parks	City of Merced	\$80,000	\$8,000	None	None
Planada Community Services District Water Conservation Project	Planada Community Services District	\$1,091,899	\$109,190	None	\$249,229 / The related project's grant source was Proposition 50 Water Use Efficiency Drought Grant, administered through the State of California Department of Water Resources. Planada used these monies for a water conservation project, namely, the installation of 382 water meters at existing residential connections.

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Project Name	Agency Submitting	Estimated Project Cost	Estimated Annual O&M Cost*	Local cost match or in kind contributions / Sources	Existing grants / Sources
Lake Yosemite Recreational/Water Efficiency Project	Lake Yosemite Sailing Association	\$800,000	\$80,000	None	None
Lower Merced River Recreational Boating Public Access Improvements	Merced Irrigation District	\$328,625	\$45,625	\$50 / Merced Irrigation District	None
Well 1A Generator	Le Grand Community Service District	\$75,000	\$5,000	\$10,000 / Le Grand CSD general funds	None
Bear Reservoir Enlargement and Downstream Levee and Channel Improvements	Merced Streams Group (County of Merced, City of Merced, & Merced Irrigation District)	\$20,000,000	\$2,000,000	None	None
Merced County Flood Control District	TBD (Submitted by Consultant Team)	\$100,000	--	None	None
Water Meter Conversion Phase 2, City of Livingston	City of Livingston	\$1,065,000	\$106,500	\$105,000 from Water Capital Fund ~\$15,000 in-kind contributions by the City Manager, Public Works Director, Finance Director, and various public works staff).	None
Design and Construction of Fish Screens at Merced River Diversions	United States Fish and Wildlife Service and Merced Irrigation District	\$184,000	\$18,400	None	None
Black Rascal Creek Detention Basin	TBD (Submitted by Consultant Team)	\$30,000,000	\$3,000,000	None	None
Divert Flood Flows to Agricultural Lands	TBD (Submitted by Consultant Team)	\$20,000,000	\$2,000,000	None	None
Ecosystem Restoration Along Waterways	TBD (Submitted by Consultant Team)	\$20,000,000	\$2,000,000	None	None
Bear Creek Diversion Channel Feasibility Study	TBD (Submitted by Consultant Team)	\$100,000	--	None	None
Channel Dredging and/or Vegetation Removal	TBD (Submitted by Consultant Team)	\$1,000,000	\$100,000	None	None

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Project Name	Agency Submitting	Estimated Project Cost	Estimated Annual O&M Cost*	Local cost match or in kind contributions / Sources	Existing grants / Sources
Construct Levees or Channel Widening Projects Along Creeks/Streams in the Region	TBD (Submitted by Consultant Team)	\$100,000,000	\$10,000,000	None	None
Modify Land Use Designations	TBD (Submitted by Consultant Team)	unknown	--	None	None
Weather Based Irrigation Controllers	City of Merced	\$540,000	--	None	None
Develop Emergency Response Plans	TBD (Submitted by Consultant Team)	\$100,000	--	None	None
Construct Ring Levees Around Flood Prone Areas	TBD (Submitted by Consultant Team)	\$10,000,000	\$1,000,000	None	None
Increase Public Awareness of Flooding	TBD (Submitted by Consultant Team)	\$50,000	--	None	None
El Nido Recharge Basin	TBD (Submitted by Consultant Team)	unknown	--	None	None
Drought Tolerant Landscape Conversion	City of Merced	\$500,000	--	None	None
Le Grand Sewer Pipeline Replacement Project	Le Grand Community Service District	\$690,000	\$69,000	None	None
Update Stormwater Design Standards for the City and Region	City of Merced	\$80,000	--	None	None
Identification of Preferred Recharge Projects and Development of Preliminary Design	TBD (Submitted by Consultant Team)	unknown	--	None	None
Merced Region Water Use Efficiency Program	TBD (Submitted by Consultant Team)	\$500,000	--	None	None
Monitor Creek Water Quality and Storm Drainage Discharges	City of Merced	\$100,000	--	None	None

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Burns Reservoir Enlargement and Downstream Levee and Channel Improvements	Merced Streams Group (County of Merced, City of Merced, Merced Irrigation District)	\$15,000,000	\$1,500,000	None	None
Merced IRWM Region Climate Change Modeling	TBD (Submitted by Consultant Team)	\$250,000	--	None	None
Merced IRWM Regional GHG Emissions Inventory	TBD (Submitted by Consultant Team)	\$150,000	--	None	None
Filtration of Storm Water Discharge to Creeks for Priority Pollutants	City of Merced	\$500,000	--	None	None
Merced Region Programmatic Environmental Impact Report - Stream Bed and Vegetation Control	Merced County	\$300,000	--	None	None
Lower Merced River Stewardship Project	East Merced Resource Conservation District	\$185,000	--	None	None
Merced Region Climate Change Outreach and Education	TBD (Submitted by Consultant Team)	\$100,000	--	None	None
Promote LID Concepts and Professional Training	City of Merced	\$30,000	--	None	None
Water Wellhead Treatment for Nitrates and Arsenic	City of Merced	\$5,000,000	--	None	None
Power Generation from Biogas, Fats, Oils, and Grease	City of Merced	\$3,000,000	--	None	None
Tablet PC's for GIS Data Collection for Water Staff	City of Merced	\$100,000	--	None	None
Le Grand Replacement Well	Le Grand Community Service District	\$365,000	\$45,000	\$30,000 / District funds	None

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Project Name	Agency Submitting	Estimated Project Cost	Estimated Annual O&M Cost*	Local cost match or in kind contributions / Sources	Existing grants / Sources
Water Education and Public Information	City of Merced	\$175,000	\$50,000	\$15,000 / 2012-2013 budget for water advertising	None
Owens Reservoir Enlargement and downstream level and channel improvements	Merced Streams Group (County of Merced, City of Merced, Merced Irrigation District)	\$15,000,000	\$1,500,000	None	None
Mary Lane Drainage Project	City of Atwater	\$680,000	\$68,000	None	None
Mariposa Reservoir Enlargement and Downstream Levee and Channel Improvements	Merced Streams Group (County of Merced, City of Merced, Merced Irrigation District)	\$15,000,000	\$1,500,000	None	None
Real time snow depth measurements in Merced Basin	UC Merced	\$70,000	\$20,000	None	None
Valley Water House - A Design Competition for Water Efficiency	Fremming, Parson & Pecchenino Civil Engineers	\$25,000	--	None	None
Big Sandy Creek Stream Gage	UC Merced	\$100,000	\$20,000	None	None
Franklin County Water District (FCWD) Drainage Improvements	Franklin County Water District (FCWD)	\$2,725,000	\$272,500	None	None
Replace Failing Sanitary Sewer Lines in the Planada Community Services District	Planada Community Services District	\$3,300,000	\$330,000	None	None
Black Rascal and Bear Creek Flood Control Project	Merced Streams Group (County of Merced, City of Merced, Merced Irrigation District)	\$1,000,000	--	None	None

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Merced River Education and Enhancement Project	Merced Irrigation District	\$783,625	--	None	None

*For capital improvement projects which project proponents did not provide annual O&M costs, the cost was estimated as 10% of the estimated project cost.