

**Mid and Upper Sacramento River Regional Flood Management Plan - Project Prioritization**

MUSR ID	COUNTY	LEAD AGENCY	PRIMARY PROJECT CATEGORY	PROJECT NAME	PROJECT DESCRIPTION	PRIMARY CVFPP OBJECTIVE						SUPPORTING CVFPP OBJECTIVES																			
						IMPROVE FLOOD RISK MANAGEMENT						IMPROVE O&M			PROMOTE ECOSYSTEM FUNCTION					PROMOTE MULTI BENEFIT PROJECTS				IMPROVE INSTITUTIONAL SUPPORT							
						Maintain or restore existing level of protection.	Provide 100- year level of protection for non-urban area.	Provides 200-year level of protection for urban areas	Protects Critical Infrastructure or Resource	Improves Emergency Response Function	Floodplain Management/Wise Use of the Floodplain	PL 84-99 Eligibility Restoration	Reduce barriers to O&M implementation	Reduced O&M Costs	Increased Floodplain Inundation & Riparian Habitat	Provide for Floodplain Agriculture	Improved Conditions for Threatened and Endangered Target Species	Invasive-Plant Management and Prevention	Revetment Removal	Groundwater Recharge	Recreation	Water Supply	Protection of Farmlands of Statewide Significance	Improve Regional Coordination	Sharing of regional resources	Create institutional frameworks to promote project implementation					
A1	All	*	Planning	Northern Sacramento Valley Regional Atlas	Development of a centralized GIS database and Digital Atlas for the Northern Sacramento Valley Region to build a comprehensive collection of water and resource management-related spatial information.	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
A10	All	*	Programmatic	Continuance in Federal Program Feasibility Study	A feasibility level analysis to identify levees that may benefit from being removed from the Federal program, while remaining in the State Plan of Flood Control.	X	X						X	X	X	X	X											X		X	
A11	All	*	O&M	Levee Easement and Property Line Survey	Research and survey the existing levee easements and adjacent property lines. There is no existing clear definition regarding the locations of LMA's legal boundaries.	X	X		X	X			X	X	X													X	X		
A12	All	*	Permitting	Regional Programmatic Permitting	Develop regional program level permitting to streamline permit acquisition, similar to the DWR approach with the Small Erosion Repair Program (SERP). Actions to be considered for inclusion: • Programmatic EIR for series' of actions that can be characterized as one large project. • Master or Programmatic Streambed Alteration Agreements. • USACE Regional General Permit (RGP): issued by a USACE district or division and authorizes a class of activities within a geographic region that are similar in nature and have minimal individual and cumulative environmental effects.	X	X	X	X	X	X		X	X	X	X	X											X	X	X	
A16	All	*	Permitting	Advanced Regional Mitigation Banks	Advanced mitigation of flood management improvements provides a means of making flood maintenance less expensive and timelier	X	X	X	X	X	X		X	X	X	X	X										X	X	X		
A17	All	*	Planning	Corridor Management Strategy	The Corridor Management Strategy (CMS) approach is a concept for improving flood management and ecological conditions through developing a vision, strategy, and plan (CMP) for managing a corridor that integrates flood risk management, improved ecosystem function and integrated water management over a long-term (greater than 30 years) planning horizon.	X	X	X	X	X	X		X	X	X	X	X										X	X	X		
A18	All	*	Programmatic	Safe Harbor Agreements	A Safe Harbor Agreement is a voluntary agreement between any non-Federal property owner(s) and the USFWS or the National Oceanic and Atmospheric Administration (NOAA) National Marine Fisheries Service (collectively, the Services) whereby performing actions that contribute to the recovery of listed species and fulfilling the conditions of the Safe Harbor Agreement, the property owner(s) will receive formal assurances from the Services that they will not require any additional or different management activities by the parties without their consent.	X	X		X	X	X		X	X	X	X	X									X	X	X	X		
A19	All	*	Ecosystem Function	Working Landscapes	Encourage farmers to invest in habitat on farmland in a manner that is mutually beneficial to production agriculture and the ecosystem	X	X		X	X	X				X	X	X									X	X	X	X		
A2	All	*	Water Supply	Improve Flood Reservoir Operations	Implement Flood-Coordinated Operations (F-CO) for Shasta Dam and Black Butte Dam.	X	X	X	X	X																	X		X		
A20	All	*	O&M	Levee Maintenance Issues	Develop a Regional Roundtable including LMA, Resource Agencies, State, and USACE representatives to develop strategies, programs, and projects to address the O&M issues discussed in Chapter 4 of the MUSR RFMP.	X	X		X	X			X	X	X								X				X	X	X		

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A4	All	*	Permitting	Deer Special Hunt Permits	Manage deer populations through special hunt permits.								X	X														X	X			
A5	All	*	O&M	Property Line Survey	Surveying property lines and sign posting on private lands so CDFW enforcement staff can help keep the public off of private lands adjacent to CDFW owned or managed lands.									X															X			
A6	All	*	O&M	Establish Flood Structure Protection Area Zones	Creation of "Flood Structure Protection Areas" directly adjacent to levees and other flood control structures would provide LMAs an opportunity for input on land-use decisions occurring in the vicinity of their facilities. These areas would be identified in county and city floodplain management ordinances and/or general plans as zones in which input is required from LMAs before land-use decisions are finalized.	X	X	X	X	X			X	X	X														X	X		
A7	All	*	ER	ER Training	Training for Emergency Response Responders	X				X																			X	X	X	
A8	All	*	O&M	Comprehensive Bypass Management Plan	Develop a Comprehensive Bypass Management Plan for Sutter Bypass, Tisdale Bypass, and Cherokee Canal.	X	X	X	X		X		X		X		X	X											X	X	X	
A9	All	*	ER	Floodplain Delineations	Develop more detailed 100-year/200-year/500-year floodplain delineations and base flood elevations for the region to aid with will floodplain management policy and decision making.	X	X	X	X	X	X																		X	X		
	All		ER	ER Planning	Prepare Emergency Response Plans & Improve coordination with E.R. responders.	X				X	X																		X	X	X	
	All		O&M	SWIF	Prepare SWIFs for project levee systems to restore PL84-99 eligibility	X				X	X		X	X	X							X	X						X	X	X	
B1	Butte	Butte County Department of Water and Resource Conservation	Water Supply	Identification and Evaluation of Groundwater Recharge	To provide a more comprehensive characterization of countywide groundwater recharge areas, and identify potential areas for recharge projects which could also provide flood reduction benefits.	X	X	X	X		X			X											X	X	X	X	X	X	X	
Misc.	Butte	Butte County PWD, Mud Creek	Flood Reduction	Various Locations	Seepage Repair - Multiple Sites	X				X			X	X																		
Misc.	Butte	Butte County PWD, Mud Creek	O&M	Erosion Repair - Various Locations	Small erosion repair	X				X			X	X																		
Misc.	Butte	Butte County PWD, Mud Creek	O&M	Various Locations	Rodent Control; encroachment remediation; PL84-99 issues.	X				X			X	X																		
Misc.	Butte	Butte County PWD, Mud Creek	O&M	Various Locations	Slope Stability Repair	X				X			X	X																		
	Butte	City of Chico, Butte County	Flood Reduction	City of Chico 200-Year Level of Protection	Provide the City of Chico with a 200-Year level of protection	X		X	X	X			X										X		X	X						

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B27	Butte	DWR	O&M	The 3B's Weir Improvements	Restore 3B's Weir elevation so overflows into Butte Basin when the Sacramento River do not occur below flood stage. Improvements are needed to raise the weir and then harden it so that the weir does not degrade in the future. Premature overflows from the 3B's weir result in damages to agricultural lands and infrastructure, and result in numerous road and bridge closures such as Hwy 162 and Ord Ferry (in 1995, Hwy 162 east of Butte City was closed for 26 days).	X			X	X				X											
B29	Butte	DWR	O&M	Butte Basin Overflow Weir Maintenance	Improved maintenance at Goose Lake and M&T weirs by DWR is needed following flood events (cleaning debris, repairing washout damage, etc.) .	X			X	X				X											
B30	Butte	DWR	O&M	Butte Slough Outfall Gates Replacement	Replacement of the Butte Slough outfall gates to improve O&M.	X							X	X											
Misc.	Butte	MA 05, Butte Creek	Flood Reduction	Various Locations	Seepage Repair - Multiple Sites	X			X				X	X											
Misc.	Butte	MA 05, Butte Creek	O&M	Various Locations	Small erosion repair	X			X				X	X											
Misc.	Butte	MA 05, Butte Creek	O&M	Various Locations	Freeboard/Breach Repair	X			X				X	X											
Misc.	Butte	MA 05, Butte Creek	O&M	Various Locations	Rodent Control; encroachment remediation; PL84-99 issues.	X			X				X	X											
Misc.	Butte	MA 05, Butte Creek	O&M	Various Locations	Slope Stability Repair	X			X				X	X											
B28	Butte	DWR	O&M	Cherokee Canal Improvements	Restore Cherokee Canal to authorized protection level.	X	X		X				X	X		X	X	X				X	X		
B90	Butte	Richvale Sanitation District	Flood Reduction	Flood Protection for Richvale WWTP	Develop and implement flood protection improvements for Richvale Sanitation District's wastewater treatment plant and associated 18-acre pond system.		X		X	X														X	
B60	Butte	Rock Creek RD	Flood Reduction	Rock Creek Interior Drainage Improvements	Develop interior drainage solution for flood waters which currently pond up against the railroad tracks. Potentially need to install larger culverts through the tracks in order to relieve ponding.		X		X	X															X
B61	Butte	Rock Creek RD	Water Supply	Rock Creek Groundwater Recharge Feasibility	Feasibility Study to examine potential groundwater recharge sites to address depleting groundwater levels in the area while also providing flood reduction benefits.	X	X		X	X	X			X		X	X			X	X				X
B62	Butte	Rock Creek RD	Flood Reduction	Rock Creek/Keefe Slough Flow Split	Implement improvements at the Rock Creek/Keefe Slough flow split in order to re-establish Rock Creek as the main channel	X	X	X	X				X	X											X
Misc.	Butte	ST 03	Flood Reduction	Various Locations	Seepage Repair - Multiple Sites	X			X				X	X											
Misc.	Butte	ST 03	O&M	Various Locations	Small erosion repair	X			X				X	X											
Misc.	Butte	ST 03	O&M	Various Locations	Freeboard/Breach Repair	X			X				X	X											
Misc.	Butte	ST 03	O&M	Various Locations	Rodent Control; encroachment remediation; PL84-99 issues.	X			X				X	X											
Misc.	Butte	ST 03	O&M	Various Locations	Slope Stability Repair	X			X				X	X											
B85	Butte	USACE	Flood Reduction	Rock and Sand Creek Flood Mitigation	Evaluate flood reduction alternatives for Rock Creek and Sand Creek.	X	X	X	X	X	X			X					X	X					

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B82	Butte		O&M	Repair Critical Erosion Site	A critical erosion site exists in the Phelan levee upstream of the M&T weir at R.M. 192.5. A breach at this site would result in major changes to the hydraulics of the Butte Basin.	X			X				X													X
B83	Butte		Water Supply	Protect M&T/Llano Seco Pumping Facilities	Develop a long term solution to address current meandering of the Sacramento River which is resulting in the need for dredging of the river to keep M&T/Llano Seco pump facilities operational.	X			X				X													
B84	Butte	City of Chico, Butte County	Flood Reduction	Big Chico Creek, Little Chico Creek, and Comanche Creek Flood Reduction Improvements	Evaluate flood carrying capacity of Big Chico Creek, Little Chico Creek, and Comanche Creek in light of increased flows due to urbanization of surrounding areas.	X	X	X	X		X															
B87	Butte	MA 5	Flood Reduction	Little Chico Creek Diversion to Butte Creek	Evaluate flood carrying capacity of Little Chico Creek diversion to Butte Creek.	X	X	X	X		X		X													
B88	Butte		Flood Reduction	City of Durham 100-Year Level of protection.	Evaluate feasibility of bringing the Butte Creek levees which protect Durham up to 100-yr FEMA standard.		X		X		X								X							X
B89	Butte		Flood Reduction	Nelson/Richvale Small 100-Year Level of protection	Evaluate feasibility of providing 100-yr protection to Richvale and Nelson. Look at the feasibility of using existing agricultural lands as temporary detention basins to relieve high flows within Butte Creek.		X		X		X								X							X
	Butte		Flood Reduction	Nord 100-Year Level of Protection	Provide Nord with a 100-Year level of protection		X		X		X								X							X
	Butte		Flood Reduction	Richvale 100-Year Level of Protection	Provide Richvale with a 100-Year level of protection		X		X		X								X							X
	Butte		Flood Reduction	Nelson 100-Year Level of Protection	Provide Nelson with a 100-Year level of protection		X		X		X								X							X
	Colusa	City of Colusa	Flood Reduction	City of Colusa 100-Year Level of Protection	Provide City of Colusa with a 100-Year level of protection		X		X		X							X								X
C1	Colusa	Colusa County OES	ER	Colusa County LHMP	Implement County Local Hazard Mitigation Plan	X	X		X	X	X		X					X					X			X
C2	Colusa	Colusa County RCD	Flood Reduction	Colusa Basin WMP	Action items of the Water Management Plan including: 1) Assess the status and functionality of flood control infrastructure (e.g., drainage canals, ditches, canal banks, levees) and identify areas of risk, work with other agencies, coordinate efforts, support maintenance of flood control infrastructure and levees, 2) Manage flood water for short term retention and groundwater recharge where appropriate and promote recharge infrastructure, 3) Develop and implement measures to control runoff in foothills and on agricultural lands. Utilize vegetation to increase infiltration and create "sponge effect" in foothills.	X	X		X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X

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Misc.	Colusa	MA 01	Flood Reduction	Various Locations	Seepage Repair - Multiple Sites	X			X			X	X												
Misc.	Colusa	MA 01	O&M	Various Locations	Small erosion repair	X			X			X	X												
Misc.	Colusa	MA 01	O&M	Various Locations	Rodent Control; encroachment remediation; PL84-99 issues.	X			X			X	X												
Misc.	Colusa	MA 01	O&M	Various Locations	Slope Stability Repair	X			X			X	X												
Misc.	Colusa	MA 12	O&M	Various Locations	Small erosion repair	X			X			X	X												
Misc.	Colusa	MA 12	O&M	Various Locations	Rodent Control; encroachment remediation; PL84-99 issues.	X			X			X	X												
Misc.	Colusa	MA 12	O&M	Various Locations	Slope Stability Repair	X			X			X	X												
Misc.	Colusa	RD 0108	Flood Reduction	Various Locations	Seepage Repair - Multiple Sites	X			X			X	X												
Misc.	Colusa	RD 0108	O&M	Various Locations	Small erosion repair	X			X			X	X												
Misc.	Colusa	RD 0108	O&M	Various Locations	Rodent Control; encroachment remediation; PL84-99 issues.	X			X			X	X												
Misc.	Colusa	RD 0108	O&M	Various Locations	Slope Stability Repair	X			X			X	X												
Misc.	Colusa	Sacramento River West Side Levee District	Flood Reduction	Various Locations	Seepage Repair - Multiple Sites	X			X			X	X												
Misc.	Colusa	Sacramento River West Side Levee District	O&M	Various Locations	Small erosion repair	X			X			X	X												
Misc.	Colusa	Sacramento River West Side Levee District	O&M	Various Locations	Freeboard/Breach Repair	X			X			X	X												
Misc.	Colusa	Sacramento River West Side Levee District	O&M	Various Locations	Rodent Control; encroachment remediation; PL84-99 issues.	X			X			X	X												
Misc.	Colusa	Sacramento River West Side Levee District	O&M	Various Locations	Slope Stability Repair	X			X			X	X												
A3	Colusa	Sites Reservoir JPA	Water Supply	Sites Reservoir	Proposed off-stream storage reservoir.	X	X	X	X										X			X	X	X	X
C165	Colusa		Flood Reduction	City of Williams Flood Hazard Mitigation Project	Implement alternative methods of reducing flood damages to the City of Willows and surrounding agricultural lands while increasing ecological value within the South Fork Willow Creek, North Fork Willow Creek, and Wilson Creek Sub-basins in Glenn County.	X	X		X	X									X						X

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C166	Colusa		Habitat Enhancement	Foothill Stream Restoration and Recharge Enhancement	Ten acre foothill stream corridor restoration project that will achieve multiple resource objectives including:•Remove and/or control invasive vegetation •Reestablish riparian vegetation and improve connectivity •Reduce existing and potential bank erosion, •Reestablish flood plain(s) to facilitate groundwater recharge, retain floodwater and provide habitat••Utilize the project as a demonstration site to facilitate education and outreach through workshops and field days, and studies to evaluate project effectiveness .	X	X		X	X	X			X	X	X	X	X	X	X	X	X	X	X	X
C169	Colusa		Habitat Enhancement	Wildlife Area improvements- Princeton SE	Wildlife Area improvements- Princeton SE restoration of 50 acres and addition of a parking lot, Invasive removal and restoration on 8 acres at the Stegman Unit.								X			X	X		X						
	Colusa		Flood Reduction	Grimes 100-Year Level of Protection	Provide Grimes with a 100-Year level of protection		X		X		X					X									X
	Colusa		Flood Reduction	Princeton 100-Year Level of Protection	Provide Princeton with a 100-Year level of protection		X		X		X					X									
	Colusa	USFWS	Flood Reduction	Sutter Bypass Sediment Removal	Remove sediment from the bypass to improve flood conveyance and reduce impediments to fish passage	X							X		X										X
Misc.	Glenn	LD 01G	O&M	Various Locations	Small erosion repair	X			X			X	X												
Misc.	Glenn	LD 01G	O&M	Various Locations	Rodent Control; encroachment remediation; PL84-99 issues.	X			X			X	X												
Misc.	Glenn	LD 01G	O&M	Various Locations	Slope Stability Repair	X			X			X	X												
Misc.	Glenn	LD 02	Flood Reduction	Various Locations	Seepage Repair - Multiple Sites	X			X			X	X												
Misc.	Glenn	LD 02	O&M	Various Locations	Small erosion repair	X			X			X	X												
Misc.	Glenn	LD 02	O&M	Various Locations	Rodent Control; encroachment remediation; PL84-99 issues.	X			X			X	X												
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Misc.	Glenn	LD 03	O&M	Various Locations	Small erosion repair	X			X			X	X												
Misc.	Glenn	LD 03	O&M	Various Locations	Freeboard/Breach Repair	X			X			X	X												
Misc.	Glenn	LD 03	O&M	Various Locations	Rodent Control; encroachment remediation; PL84-99 issues.	X			X			X	X												
Misc.	Glenn	LD 03	O&M	Various Locations	Slope Stability Repair	X			X			X	X												
G42	Glenn	RD 2140	Flood Reduction	Hamilton City Flood Damage and	J-Levee Project	X			X				X	X		X									
G43	Glenn	River Partners	Habitat Enhancement	USFWS Riparian Sanctuary project	Riparian Sanctuary project. Riparian restoration on the Llano Seco Riparian Sanctuary Unit (USFWS) and to protect alignment of the Sac River at the Princeton-Codora-Glenn-Provident Irrigation District. Environmental Documentation has been complete.	X			X				X	X		X		X		X	X	X	X	X	X



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S1	Sutter	RD 0070	ER	Emergency Response Flood Safety Plan	RD 70/RD 1660 Emergency Response Plan: Prepare Emergency Response Plan that contains contact information for every resident within the basin. Pre-design of a future Meridian emergency berm is needed (alignment agreements, interior drainage, top of berm elevations, etc.) Improve coordination with E.R. responders in order to allow District staff access to the levees during an emergency.	X			X	X																								X
Misc.	Sutter	RD 1500	Flood Reduction	Various Locations	Seepage Misc. sites	X			X			X	X																					
Misc.	Sutter	RD 1500	O&M	Various Locations	Small erosion repair	X			X			X	X																					
Misc.	Sutter	RD 1500	O&M	Various Locations	Rodent Control; encroachment remediation; PL84-99 issues.	X			X			X	X																					
Misc.	Sutter	RD 1500	O&M	Various Locations	Slope Stability Repair	X			X			X	X																					
Misc.	Sutter	RD 1660	Flood Reduction	Various Locations	Seepage Misc. sites	X			X			X	X																					
Misc.	Sutter	RD 1660	O&M	Various Locations	Small erosion repair	X			X			X	X																					
Misc.	Sutter	RD 1660	O&M	Various Locations	Rodent Control; encroachment remediation; PL84-99 issues.	X			X			X	X																					
Misc.	Sutter	RD 1660	O&M	Various Locations	Slope Stability Repair	X			X			X	X																					
Misc.	Sutter	ST 09	Flood Reduction	Various Locations	Seepage Misc. sites	X			X			X	X																					
Misc.	Sutter	ST 09	O&M	Various Locations	Small erosion repair	X			X			X	X																					
Misc.	Sutter	ST 09	O&M	Various Locations	Rodent Control; encroachment remediation; PL84-99 issues.	X			X			X	X																					
Misc.	Sutter	ST 09	O&M	Various Locations	Slope Stability Repair	X			X			X	X																					
S214	Sutter		ER	Robbins Backup Power Supply	Install a new backup power supply at the Robbins' wastewater treatment plant.				X	X																								
	Sutter		Flood Reduction	Meridian 100-Year Level of Protection	Provide Meridian with a 100-Year level of protection		X		X		X										X													X
	Sutter		Flood Reduction	Robbins 100-Year Level of Protection	Provide Robbins with a 100-Year level of protection		X		X		X										X													X



Mid and Upper Sacramento River Regional Flood Management Plan - Project Prioritization

MUSR ID	COUNTY	LEAD AGENCY	PRIMARY PROJECT CATEGORY	PROJECT NAME	PROJECT DESCRIPTION	PRIMARY CVFPP OBJECTIVE						SUPPORTING CVFPP OBJECTIVES														
						IMPROVE FLOOD RISK MANAGEMENT						IMPROVE O&M			PROMOTE ECOSYSTEM FUNCTION				PROMOTE MULTI BENEFIT PROJECTS			IMPROVE INSTITUTIONAL SUPPORT				
						Maintain or restore existing level of protection.	Provide 100- year level of protection for non-urban area.	Provides 200-year level of protection for urban areas	Protects Critical Infrastructure or Resource	Improves Emergency Response Function	Floodplain Management/Wise Use of the Floodplain	PL 84-99 Eligibility Restoration	Reduce barriers to O&M implementation	Reduced O&M Costs	Increased Floodplain Inundation & Riparian Habitat	Provide for Floodplain Agriculture	Improved Conditions for Threatened and Endangered Target Species	Invasive-Plant Management and Prevention	Revetment Removal	Groundwater Recharge	Recreation	Water Supply	Protection of Farmlands of Statewide Significance	Improve Regional Coordination	Sharing of regional resources	Create institutional frameworks to promote project implementation
T1	Tehama	Deer Creek Watershed Conservancy	Habitat Enhancement	Lwr Deer Creek Levee Improvements & Habitat Restoration	1) conduct an overall evaluation of the project as described in the 2011 feasibility study; 2) evaluate options to improve the existing SVRIC Diversion Dam and fish ladders; 3) final design and construction of a new 4,620 LF levee. The new levee will be setback will create approximately 40 acres of new floodway with floodway and migration easements, which will be contoured to greatly assist fish passage (e.g. Salmon); 4) Leininger Road Bridge (Red Bridge) would be rebuilt with a conveyance width of about 450 feet. The section of the north bank levee upstream of Red Bridge (PL2) would be removed, and the spoils would be used to raise the north bank road abutment, thus maintaining the flooding use of the flood easement on the Leininger property. Additional engineering of the north bank road abutment is likely; 5) Miscellaneous improvements to non project levees, and removal of rock revetment and spurs will further enhance the flood benefits and habitat restoration efforts for the reach.	X			X		X												X	X	X	
T25	Tehama	Tehama Co. FCWCD	O&M	Elder Creek Flood Management, Restoration, and Invasive Species Removal	Undertake flood management, restoration and invasive species removal actions.	X			X		X													X	X	X
T27	Tehama	Tehama Co. FCWCD	Flood Reduction	Salt Creek Flood Hydraulics Study	Evaluate alternatives to manage flooding along Salt Creek which currently impacts Highway 36, the local Sheriff's facility and a Cal Fire station.	X			X	X				X												
T28	Tehama	Tehama Co. FCWCD	Flood Reduction	Flood Detention Basin FS	A Feasibility Study for constructing flood detention basins on foothill streams.	X	X		X		X															
T29	Tehama	Tehama Co. FCWCD	Flood Reduction	Small Community of Gerber Feasibility Study	Feasibility Study for providing a 100-year level of protection to Gerber.		X		X		X															X
T6	Tehama	Tehama Co. FCWCD	ER	Tehama FMP Projects	Implement Flood Mitigation Plan.	X	X		X	X	X			X										X	X	
Misc.	Tehama	Tehama County FCWCD	O&M	Various Locations	Small erosion repair	X			X			X		X												
Misc.	Tehama	Tehama County FCWCD	O&M	Various Locations	Freeboard/Breach Repair	X			X			X		X												
Misc.	Tehama	Tehama County FCWCD	O&M	Various Locations	Rodent Control; encroachment remediation; PL84-99 issues.	X			X			X		X												
Misc.	Tehama	Tehama County FCWCD	O&M	Various Locations	Slope Stability Repair	X			X			X		X												

Mid and Upper Sacramento River Regional Flood Management Plan - Project Prioritization

MUSR ID	COUNTY	LEAD AGENCY	PRIMARY PROJECT CATEGORY	PROJECT NAME	PROJECT DESCRIPTION	PRIMARY CVFPP OBJECTIVE						SUPPORTING CVFPP OBJECTIVES													
						IMPROVE FLOOD RISK MANAGEMENT						IMPROVE O&M			PROMOTE ECOSYSTEM FUNCTION				PROMOTE MULTI BENEFIT PROJECTS			IMPROVE INSTITUTIONAL SUPPORT			
						Maintain or restore existing level of protection.	Provide 100- year level of protection for non-urban area.	Provides 200-year level of protection for urban areas	Protects Critical Infrastructure or Resource	Improves Emergency Response Function	Floodplain Management/Wise Use of the Floodplain	PL 84-99 Eligibility Restoration	Reduce barriers to O&M implementation	Reduced O&M Costs	Increased Floodplain Inundation & Riparian Habitat	Provide for Floodplain Agriculture	Improved Conditions for Threatened and Endangered Target Species	Invasive-Plant Management and Prevention	Revetment Removal	Groundwater Recharge	Recreation	Water Supply	Protection of Farmlands of Statewide Significance	Improve Regional Coordination	Sharing of regional resources
T68	Tehama	Tehama County Public Works	Flood Reduction	Tehama HMP City of Tehama Projects	Implement a plan to keep brush & debris clear from Tehama Simpson Slough Analyze solutions to Gyle Rd flooding & funding sources. Improve barricading of Gyle Rd during flooding, & repair culvert on Gyle Rd for drainage of Oak Creek, Elevate or move City Hall to a structure with lower risk for flooding,	X	X		X	X	X											X	X		
T66	Tehama	Tehama County Public Works	Flood Reduction	Tehama HMP County Wide Projects	Implement HMP measures	X	X		X	X	X												X	X	
T67	Tehama	Tehama County Public Works	Flood Reduction	Tehama HMP Unincorporated County Projects	Identify and implement a feasible risk reduction solution to the flooding problems around Corning along the Jewett and Burch Creek flood plain.	X			X	X	X														
T69	Tehama		Habitat Enhancement	Kopta Slough	<ul style="list-style-type: none"> <li>Remove revetment along 5,600 feet of the riverbank at the Kopta Slough property to restore fluvial and floodplain processes and mitigate for the loss of SRA habitat from DWR Flood Control Projects</li> <li>Facilitate reestablishment of the river's historical channel alignment through Kopta Slough.</li> <li>Establish erosion protection for the west abutment of Woodson Bridge and the City of Corning sewer outfall.</li> <li>Restore 176 acres of mixed riparian forest habitat on the Kopta Slough property as mitigation for DWR flood control Projects, • Transfer the 708-acre Kopta Slough property from the California State Controller's Environmental Trust to a resource agency for long-term management. This element may include expansion of the Woodson Bridge SRA to the west side of the Sacramento River, with consideration for increasing public recreational opportunities.</li> </ul>	X					X											X	X	X	
T70	Tehama and Shasta	Tehama Co. FCWCD	Water Supply	Veterans/Cottonwood Lake No-Pump Off-Stream Surface Storage	Veterans Lake (up to 1 million AF) and Cottonwood Lake (up to 1.4 million AF) no-pump off-stream surface storage reservoirs would be constructed on minor tributaries of Cottonwood Creek that do not support/impact anadromous fish and will not impact sediment flow/gravel migration.		X		X													X	X		
	Yolo	Westervelt	Habitat Enhancement	Bullock Bend Mitigation Bank	Create a mitigation bank for salmoids	X					X		X	X								X		X	
	Yolo	RD 108	Habitat Enhancement	Canal 14A Habitat Corridor	Create a terrestrial habitat corridor linking the Sacramento River to the Colusa Basin.	X			X				X												
Misc.	Yolo	RD 0787	Flood Reduction	Various Locations	Seepage Misc. sites	X			X			X	X												
Misc.	Yolo	RD 0787	O&M	Various Locations	Small erosion repair	X			X			X	X												
Misc.	Yolo	RD 0787	O&M	Various Locations	Rodent Control; encroachment remediation; PL84-99 issues.	X			X			X	X												
Misc.	Yolo	RD 0787	O&M	Various Locations	Slope Stability Repair	X			X			X	X												