TABLE 3. PROGRAM PREFERENCE TABLE

Region 1 – North Coast Regional Water Board Preferences

TMDL Watershed	TMDL Constituent(s) Implementation Projects	TMDL Constituent(s) Planning Projects
Klamath River (Middle, Lower Hydrologic Areas), Lost River*	Nutrients: Engineered nutrient treatment/ removal, passive or active; projects pilot scale, or full scale implementation.	Nutrients: Engineered nutrient treatment/ removal, passive or active; projects may include planning/feasibility studies.
Klamath River (Middle, Lower Hydrologic Areas) *	Nutrients: Nutrient management/control projects.	
Shasta River*	Temperature and dissolved oxygen: Upper watershed restoration, enhancement, protection projects targeting temperature and/or dissolved oxygen.	
Klamath (Middle, Lower Hydrologic Areas), Lost, Shasta, Scott Rivers*	Nutrient, temperature, dissolved oxygen, microcystin impairments: Projects assisting in ranch plan implementation.	Nutrient, temperature, dissolved oxygen, microcystin impairments: Projects assisting in ranch plan development.
Klamath River (Middle, Lower Hydrologic Areas) *	Temperature: Thermal refugia improvement/enhancement/ protection projects in high priority areas, as identified in TMDL action plan.	
Klamath River (Middle, Lower Hydrologic Areas) *	Nutrient, temperature, dissolved oxygen, microcystin impairments: Restoration projects targeting one or more TMDL pollutants; preference will be given to projects that have been identified through a systematic, comprehensive assessment/ prioritization process.	
Laguna de Santa Rosa, Stemple Creek, and Estero de San Antonio*	Nutrient, sediment, temperature, and bacteria: Dairy pollutant control, enhancement, or improvement projects; restoration projects associated with water quality impacts from dairies.	Nutrients, sediment, temperature, and bacteria: Dairy pollutant control, enhancement, or improvement projects; restoration projects associated with water quality impacts from dairies.
Laguna de Santa Rosa*	Nutrients, bacteria, temperature, dissolved oxygen, and sediment: Identification and prioritization of potential restoration projects/sites.	Nutrients, bacteria, temperature, dissolved oxygen, and sediment: Identification and prioritization of potential restoration projects/sites.

TMDL Watershed	TMDL Constituent(s) Implementation Projects	TMDL Constituent(s) Planning Projects
Scott River	Sediment, temperature	Sediment, temperature
Shasta River	Temperature, dissolved oxygen	Temperature, dissolved oxygen
Lost River	Nutrients, temperature, pH	Nutrients, temperature, pH
Klamath River	Temperature, dissolved oxygen, nutrients, microcystin	Temperature, dissolved oxygen, nutrients, microcystin
Salmon River	Temperature	Temperature
Stemple Creek and Estero de San Antonio	Sediment, nutrients	Sediment, nutrients
Laguna de Santa Rosa	Ammonia, dissolved oxygen	Ammonia, dissolved oxygen
Garcia River	Sediment, temperature	Sediment, temperature
Mattole River	Sediment, temperature	Sediment, temperature
Navarro River	Sediment, temperature	Sediment, temperature
Noyo River	Sediment	Sediment
Redwood Creek	Sediment, temperature	Sediment, temperature
Ten Mile River	Sediment, temperature	Sediment, temperature
Albion River	Sediment	Sediment
Big River	Sediment, temperature	Sediment, temperature
Eel River - North Fork, Middle Fork, and South Fork	Sediment, temperature	Sediment, temperature
Gualala River - Upper, Middle, and Lower Main Stem	Sediment, temperature	Sediment, temperature
Trinity River - South fork	Sediment, temperature	Sediment, temperature
Van Duzen River – Main Stem	Sediment	Sediment

[*] *Projects marked with an asterisk are a higher priority for Region 1, and will be weighted accordingly.*

Region 2 – San Francisco Bay Regional Water Board Preferences

TMDL Watershed	TMDL Constituent(s) – Implementation Projects (Source)	TMDL Constituent(s)- Planning Projects (Source)
Tomales Bay (including tributaries)	Pathogens: Implement Management Practices (MPs) according to ranch water quality plans (RWQPs) (grazing and dairy waiver requirements).	Pathogens: Water quality monitoring in Tomales Bay, including West Shore, East Shore, and tributaries, to identify specific pathogen sources, including septic and animal waste (i.e. grazing/horse ranch facilities) that will lead to prioritizing actions for source reduction.
Walker Creek	Mercury: Implement MPs according to RWQPs (grazing and dairy waiver requirements).	
Sonoma Creek	Sediment: Develop and implement vineyard management plans. Specifically, develop third party or technical assistance programs to assist with farm/vineyard plan development and implementation.	
	Sediment: Implement reach-scale habitat and sediment reduction projects.	
	Pathogens, Sediment: Develop RWQPs and implement MPs for grazing lands and dairies. Develop third party or technical assistance programs to assist with RWQP development and implementation.	
Napa River	Sediment: Develop and implement sediment control and habitat enhancement actions. Specifically, develop third party or technical assistance programs to assist with farm/vineyard plan development and implementation.	Sediment: develop third party or technical assistance programs to assist with farm/vineyard plan development and/or to evaluate BMP performance in pilot areas or basin-wide.
	Sediment: Implement vineyard management plans.	

TMDL Watershed	TMDL Constituent(s) – Implementation Projects (Source)	TMDL Constituent(s)- Planning Projects (Source)
	Sediment: Implement reach-scale projects to restore stream-riparian habitat complexity and connection to floodplains, and to balance fine and coarse sediment budgets.	Sediment and restoring in-stream channel complexity as called for in Sediment TMDL SEP: Develop plans for restoration of the Upper Napa River in reaches that have not yet been addressed.
	Sediment: Channel incision adaptation project at Zinfandel Lane Crossing to address impacts of channel incision on habitat access and sediment transport dynamics.	
	Sediment, Pathogens: Develop RWQPs and implement MPs for grazing lands. Develop third party or technical assistance programs to assist with RWQP development and implementation.	
Guadalupe River (including tributaries)	Mercury: Mining waste remediation and erosion control.	Mercury: Lake oxygenation feasibility study & design.
	Mercury: Stream bank stabilization.	Mercury: Planning, design, and prioritization for bank stabilization, calcine removal where feasible, and restoration of Alamitos Creek.

Region 3 – Central Coast Regional Water Board Preferences

TMDL Watershed	TMDL Constituent Implementation Projects	TMDL Constituent Planning Projects
Salinas River	Nutrients: Develop and help implement irrigation efficiency and nutrient management. This will require irrigation evaluations and corresponding actions designed to address pollutant loading from tailwater on farms with willing owners/operators; i.e., shovel ready farms and their owners/operators.	
	Pesticides: Develop and help implement irrigation efficiency and sediment control management. This will require irrigation and sediment evaluations with corresponding actions designed to address pollutant loading from tailwater on farms with willing owners/operators; i.e., shovel ready farms and their owners/operators.	
Santa Maria River, including Orcutt-Solomon Creek and Oso Flaco Creeks and Lake	Nutrients: Develop and help implement irrigation efficiency and nutrient management. This will require irrigation evaluations and corresponding actions designed to address pollutant loading from tailwater on farms with willing owners/operators; i.e., shovel ready farms and their owners/operators.	
	Pesticides: Develop and help implement irrigation efficiency and sediment control management. This will require irrigation and sediment evaluations with corresponding actions designed to address pollutant loading from tailwater on farms with willing owners/operators; i.e., shovel ready farms and their owners/operators.	

TMDL Watershed	TMDL Constituent Implementation Projects	TMDL Constituent Planning Projects
	Bacteria: Help develop and assist implementation of RWQPs.	
Pajaro River (including Llagas Creek)	Nitrate: Develop and help implement irrigation efficiency and nutrient management. This will require irrigation evaluations and corresponding actions designed to address pollutant loading from tailwater on farms with willing owners/operators; i.e., shovel ready farms and their owners/operators.	Sediment: Prioritize specific sites for implementation based on existing TMDL prioritized areas and develop site-specific measures to reduce/eliminate quantified amount of sediment load.
Northern Central Coast Region waterbodies: Salinas River, Watsonville Slough, Pajaro River, San Lorenzo River, and Soquel, Aptos, Valencia and Corralitos, Creeks	Bacteria: Implement pathogen-control management measures designed to address pollutant loading from domestic animals in priority areas for compliance with Animal Waste Discharge Prohibitions and adopted TMDLs. This will require implementing management of domestic animal waste, including non-commercial livestock operations on private properties and pet waste on public lands.	Bacteria: Conduct Rangeland Implementation Planning in priority / impaired areas with adopted TMDLs, including an assessment of 1) status of current implementation of rangeland management measures for lands with commercial livestock operations, 2) existing ranch plans, and 3) stakeholder outreach to ultimately achieve compliance with Animal Waste Discharge Prohibitions. This will require developing an Implementation Plan of domestic animal waste management.
San Lorenzo River and impaired tributaries	Sediment: Implement management measures on rural roads (private and public). This will require implementing road improvement projects in priority / impaired areas designed to address sediment loading for compliance with adopted TMDLs.	

Region 4 – Los Angeles Regional Water Board Preferences

TMDL Watershed	TMDL Constituent(s) and Sources Implementation Projects	TMDL Constituent(s) and Sources Planning/ Projects
Calleguas Creek	Constituents: Nutrients, salts, metals, pesticides and PCBs. Sources: Irrigated agriculture	
Santa Clara River	Constituents: Nutrients, salts, pesticides and PCBs Sources: Irrigated agriculture	
Ventura River	Constituents: Nutrients Sources: Irrigated agriculture	
Dominguez Channel	Constituents: Metals, pesticides and PCBs Sources: Irrigated agriculture, air deposition (potentially)	Constituents: Metals, pesticides and PCBs Sources: Irrigated agriculture, air deposition (potentially)
San Gabriel River	Constituents: metals Sources: Irrigated agriculture, open space runoff	Constituents: metals Sources: Irrigated agriculture, open space runoff
Los Angeles River Reach 6 and Tributaries	Constituents: selenium Sources: erosion, open space runoff	Constituents: selenium Sources: erosion, open space runoff

Region 5 – Central Valley Regional Water Board Preferences

TMDL Watershed	TMDL Constituent(s) Implementation Projects	TMDL Constituent(s) Planning Projects
Cache Creek	Mercury	Mercury
Sacramento-San Joaquin delta	Mercury, chlorpyrifos/diazinon, dissolved oxygen, salt	Mercury, chlorpyrifos/diazinon, dissolved oxygen, salt
Lower San Joaquin River	Chlorpyrifos, diazinon, dissolved oxygen, selenium, salt	Chlorpyrifos, diazinon, dissolved oxygen, selenium, salt
Clear Lake	Mercury and nutrients	Mercury and nutrients
Sacramento River	Chlorpyrifos and diazinon, metals	Chlorpyrifos and diazinon, metals
Feather River	Chlorpyrifos and diazinon	Chlorpyrifos and diazinon
Grassland Marshes	Selenium	Selenium
Salt Slough	Selenium	Selenium

Region 6 – Lahontan Regional Water Board Preferences

TMDL Watershed (listed alphabetically)	TMDL Constituent(s) and Potential Source(s) Implementation Projects	TMDL Constituent(s) and Potential Source(s) Planning Projects
Blackwood Creek	Constituents: sediment. Sources: defunct gravel mining.	Constituents: sediment. Sources: defunct gravel mining.
Carson River (includes Indian Creek Reservoir)	Constituents: nitrogen, phosphorus, sodium, pathogens. Sources: silviculture, septics, roads/highways, erosion/siltation, recreation, streambank modifications, grazing, agriculture (irrigation tailwater, runoff).	Constituents: nitrogen, phosphorus, sodium, pathogens Sources: silviculture, septics, roads/highways, erosion/siltation, recreation, streambank modifications, grazing, agriculture (irrigation tailwater, runoff).
Owens Hydrologic Unit (includes Mammoth Creek, Crowley Lake, Pleasant Valley Reservoir)	Constituents: mercury, DO, ammonia, organic enrichment Sources: unknown sources, natural sources, nonpoint sources, flow modification	Constituents: mercury, DO, ammonia, organic enrichment Sources: unknown sources, natural sources, nonpoint sources, flow modification
Squaw Creek	Constituents: sedimentation/siltation Sources: hydromodification/land development	Constituents: sedimentation/siltation Sources: hydromodification/land development
Susanville Hydrologic Unit (includes Susan River, Honey Lake, Eagle Lake)	Constituents: Unknown toxicity, mercury, nitrogen, phosphorus, arsenic, salinity, TDS, chlorides, metals Sources: agriculture, grazing, silviculture, roads, marinas/boating, septic tanks, recreation, urban runoff, unknown sources, geothermal	Constituents: Unknown toxicity, mercury, nitrogen, phosphorus, arsenic, salinity, TDS, chlorides, metals Sources: agriculture, grazing, silviculture, roads, marinas/boating, septic tanks, recreation, urban runoff, unknown sources, geothermal
Tahoe, Lake	Constituents: nitrogen, phosphorus, fine sediment Sources: urban, forests, atmosphere, stream channel erosion, shoreline erosion	Constituents: nitrogen, phosphorus, fine sediment Sources: urban, forests, atmosphere, stream channel erosion, shoreline erosion

TMDL Watershed (listed alphabetically)	TMDL Constituent(s) and Potential Source(s) Implementation Projects	TMDL Constituent(s) and Potential Source(s) Planning Projects
Truckee River	Constituents: sediment Sources: dirt roads, urban areas, legacy erosion sites	Constituents: sediment Sources: dirt roads, urban areas, legacy erosion sites
Walker River	Constituents: Pathogens Sources: grazing	Constituents: Pathogens Sources: grazing

Region 7 – Colorado River Regional Water Board Preferences

TMDL Watershed	TMDL Constituent(s) Implementation Projects	TMDL Constituent(s) Planning Projects
Alamo River	Sediment	Sediment
New River	Sediment, bacteria, trash	Sediment, bacteria, trash
Imperial Valley Drains	Sediment	Sediment

Region 8 – Santa Ana Regional Water Board Preferences

TMDL Watershed	TMDL Constituent(s) – Implementation Projects (Source)	TMDL Constituent(s) -specific and/or other Planning Projects**
San Jacinto / Canyon Lake	Nutrients: Management of agricultural and rural sources.	Nutrients: Plans and studies required by TMDL.
San Jacinto / Lake Elsinore	Nutrients: Management of agricultural and rural sources.	Nutrients: Plans and studies required by TMDL.
San Jacinto / Canyon Lake		Fecal Indicator Bacteria (FIB) – *Assessment of wet weather FIB loadings into Canyon Lake from non-urban land uses in its northern tributaries.*
Big Bear Lake and Tributaries	Nutrients or sediment: Forest road improvements.	Sediments, nutrients, mercury, copper and other metals: *Identify and prepare watershed planning elements needed to create a plan that conforms to EPA's 9 key elements for a watershed plan.*
Big Bear Lake and Tributaries	Mercury: soil stabilization; detention basins.	Sediments, nutrients, mercury, copper and other metals*: Identify and prepare watershed planning elements needed to create a plan that conforms to EPA's 9 key elements for a watershed plan.*
Newport Bay (and tributaries)	Selenium (TMDL under development)	Selenium: *Develop selenium management plan for Big Canyon Wash – identify sources and potential remediation options.*
Newport Bay (and tributaries)	Organochlorine (OC) compounds	
Newport Bay (and tributaries)	Diazinon, chlorpyrifos	
Newport Bay	Copper, other metals	Copper, other metals: *Sediment linkage study to determine source(s) of metals loads in sediment from tributaries, prioritize source areas, and identify potential management measures and sites for management measure (MM) implementation.*
Newport Bay (and tributaries)	Sediment : 1. Stabilization of eroding drainages in designated open space areas (Borrego, Bee, Round, and Hicks Canyons). 2. Restoration of native vegetation and “stormproofing” dirt roads and trails in foothill open space areas.	

TMDL Watershed	TMDL Constituent(s) – Implementation Projects (Source)	TMDL Constituent(s) -specific and/or other Planning Projects**
Newport Bay (and tributaries)	Nutrients	Nutrients

***** IMPORTANT: Specific planning projects identified for this watershed are italicized. Contact Santa Ana Regional Water Board staff for further information about these planning project preferences***.

Region 9 – San Diego Regional Water Board Preferences

TMDL Watershed	TMDL Constituent(s) Implementation Projects	TMDL Constituent(s) Planning Projects
Shelter Island Yacht Basin	Copper	Copper
Rainbow Creek	Nutrients	Nutrients
Beaches and Creeks in San Diego County	Indicator bacteria	Indicator bacteria
Chollas Creek	Copper, lead, zinc	Copper, lead, zinc
Lagoons: • Los Penasquitos • Famosa Slough & Channel • Loma Alta • Santa Margarita Lagoon • San Elijo • Buena Vista	 Sediment Nutrients/eutrophication Bacteria/eutrophication Nutrients/eutrophication Nutrients/sedimentation/ Bacteria Bacteria	 Sediment Nutrients/eutrophication Bacteria/eutrophication Nutrients/eutrophication Nutrients/sedimentation/ Bacteria Bacteria