

#	Policy, Plan, or Activity	Drivers					Is Delta RMP currently working on this	Relevance to Delta RMP	Stakeholder Relevance										Priority Constituents Relevance					Comments
		Status	Geographic Scope	Lead(s)	Timing	Links/ References			POTW	Strm.	Agric.	Mon.	Supply	Dredg.	Rsc.	Reg.	Habitat	CU Pests	Hg	Nutrs	CECs	Other		
1	Statewide Mercury Provisions	Existing (Adopted/ Implemented)	Statewide	SWRCB	2017	https://www.waterboards.ca.gov/water_issues/programs/mercury/	Hg	1	●	●	●	-	●	●	●	●	●	-	●	-	-	-	Delta MeHg TMDL supersedes. This may be relevant if tribal and subsistence beneficial uses are considered for the Delta.	
2	Pyrethroid Pesticides Control Plan (Basin Plan Amendment), including Research Plan	Existing (Adopted/ Implemented)	Central Valley Region (Region 5)	CVRWQCB	2018	https://www.waterboards.ca.gov/centralvalley/water_issues/tmdl/central_valley_projects/central_valley_pesticides/pyrethroid_tmdl_bpa/		1	●	●	●	-	-	-	●	●	-	●	-	-	-	TMDL requires consideration of adoption of pyrethroid water quality objectives within fifteen years. Research Plan needed to address "considerable uncertainty in the characterization of the extent of the pyrethroid problem, the potential reductions needed, and the effectiveness of management practices and technology to control pyrethroid discharges."		
3	Delta Nutrient Research Plan	Existing (Adopted/ Implemented)	Delta	CVRWQCB	2018	https://www.waterboards.ca.gov/centralvalley/water_issues/delta_water_quality/delta_nutrient_research_plan/	Nutrients	1	●	●	●	●	●	-	-	●	●	-	-	●	-	-	Effort led by the Central Valley Regional Water Quality Control Board. For the past 2 years, the Delta RMP has made it a goal to support the implementation of the Delta Nutrient Research Plan. Nutrient Subcommittee meetings have been held in conjunction with the NRP Stakeholder and Technical Advisory Group (STAG) since early 2018. Linked to statewide nutrient plan.	
4	Central Valley Diazinon and Chlorpyrifos Control Plan (Basin Plan Amendment)	Existing (Adopted/ Implemented)	Central Valley Region (Region 5)	CVRWQCB	2017	https://www.waterboards.ca.gov/rwqcb5/water_issues/tmdl/central_valley_projects/central_valley_pesticides/	CUPs	1	●	●	●	-	-	-	-	●	-	●	-	-	-	-	Already banned for urban use & believed no longer an issue in urban tributaries.	
5	Delta Methylmercury Total Maximum Daily Load, Phase II	Existing (Adopted/ Implemented)	Delta	CVRWQCB	2022	https://www.waterboards.ca.gov/rwqcb5/water_issues/tmdl/central_valley_projects/delta_hg/	Hg	1	●	●	●	-	●	●	●	●	-	●	-	-	-	Sediment	Delta RMP mercury monitoring to: 1) better quantify the fish-water linkage that is the foundation of the TMDL, 2) support calculations of mercury and methylmercury loads and mass balances, 3) support development of mercury models for the Delta and Yolo Bypass, and 4) support evaluation of the fish data by providing information on processes and trends. 5) potential-evaluate habitat restoration on methylmercury levels.	
6	CECs monitoring program	In Development	Statewide	SWRCB	On-going	https://www.waterboards.ca.gov/water_issues/programs/swamp/cec_aquatic/	CECs	1	●	●	●	-	●	-	-	●	-	-	-	●	-	-	CECs special study conducted by Delta RMP should be evaluated in statewide context. The State Water Board has developed recycled water policy that included CECs. Far less is known about impacts on ecosystems. Drinking water policy relevance?	
7	Surface Water Protection Program	In Development	Statewide	DPR	On-going	https://www.cdpr.ca.gov/docs/emon/surfwttr/index.htm		1	-	●	●	-	-	-	-	●	-	-	-	-	-	-	DPR supports its regulatory rule-making process with surface water quality monitoring, surface water quality modeling, a surface water quality database, and assessment of water quality impacts. The regulations identify pesticides that have a high potential to contaminate surface water in outdoor nonagricultural settings, and require pest control businesses, including maintenance gardeners, that apply these pesticides to take actions to minimize that contamination.	
8	Safer Consumer Products Program	In Development	Statewide	DTSC	On-going	https://www.cmta.net/page/legupdate-article.php?legupdate_id=921688		1	●	●	-	-	●	-	-	●	-	●	-	-	-	-	Use of monitoring data is essential to the implementation of the Program, and consideration of potential drinking water quality impacts is an important aspect of the chemical designation process: https://dtsc.ca.gov/wp-content/uploads/sites/31/2018/07/SCP-Final-Regs-Text-10-01-2013.pdf	
9	Sediment Quality Provisions for Enclosed Bays and Estuaries (Part I and Part II)	Existing (Adopted/ Implemented)	Statewide	SWRCB	2018	https://www.waterboards.ca.gov/water_issues/programs/bptcp/sediment.html		2	●	●	●	-	●	●	-	●	-	-	-	-	-	-	Sediments in bays and estuaries are often contaminated with a variety of pollutants stemming from sources including industrial and agricultural discharges, municipal wastewater treatment plants and storm water. Exposure to contaminated sediments can have a significant effect on the health, diversity and abundance of invertebrates such as clams and worms. Foraging fish and birds may also be exposed by ingesting contaminated invertebrates or sediments. In turn, those organisms consuming contaminated fish may be exposed to toxic pollutants. These effects underscore the need to develop sediment quality objectives that protect aquatic ecosystems and human health. The State Water Resources Control Board (State Water Board) intends to develop and adopt sediment quality objectives (SQOs) for enclosed bays and estuaries. This process will require approximately four years to complete. See link for project progress. Note that a decade-old study found little to no toxicity in Delta sediments.	
10	Central Valley-Wide Salt and Nitrate Control Program (CV-SALTS)	Existing (Pending SWRCB adoption)	Central Valley Region (Region 5)	CVRWQCB	On-going	https://www.waterboards.ca.gov/centralvalley/water_issues/salinity/#salt_nitrate_cp_bpa		2	●	●	●	-	?	-	-	●	-	-	-	-	-	Salts and nitrate	Management of salt and nitrate required by the Basin Plan Amendment (BPA) will likely reduce the loading of nitrate to the Delta as all dischargers are required to reduce the loads discharged to either surface or groundwater.	
11	Strategy to Optimize Resource Management of Storm Water (STORMS) - Project 6a. Establish Statewide Framework for Urban Pesticide Reduction	In Development	Statewide	SWRCB	2019	https://www.waterboards.ca.gov/water_issues/programs/stormwater/storms/strategy.shtml		2	-	●	●	●	-	-	●	●	-	●	-	-	-	-	Basin Plan Amendment? Compliance measure in STORMS for MS4 Permittees is to "Conduct pesticide monitoring, with an option to comply through participation in a coordinated statewide urban pesticide monitoring program." Delta RMP should coordinate future Delta RMP pesticides monitoring with the STORMS Statewide monitoring plan.	
12	SF Bay Hg TMDL	Existing (Adopted/ Implemented)	Central Valley Region (Region 5), SF Bay Region (Region 2)	CVRWQCB	2005	https://www.waterboards.ca.gov/sanfranciscobay/water_issues/programs/TMDLs/sfbaymercury.html		2	-	-	-	-	-	-	-	●	-	-	-	-	-	-	The Delta has a total mercury (THg) load allocation, which requires monitoring to assess compliance; CVRWQCB has allocated THg load reduction to Cache Creek Settling Basin (managed by DWR) based on this allocation.	
13	Delta Smelt Resiliency Strategy	Existing (Adopted/ Implemented)	Delta, SF Bay	Resources Agency	2016	http://resources.ca.gov/delta-smelt-resiliency-strategy/		2	-	●	●	●	-	-	●	-	●	-	-	-	●	-	Under a comprehensive strategy, state and federal agencies will work to rapidly improve conditions for endangered Delta smelt, which are close to extinction. The strategy represents a management shift for state and federal water and wildlife agencies, which are addressing multiple stressors on Delta smelt in a systematic way while studying the synergy of the actions.	
14	Water Quality Criteria Development for Oxyfluorfen, Prometryn, Simazine, Trifluralin and Fipronil	Future	Central Valley Region (Region 5)	CVRWQCB	?	https://www.waterboards.ca.gov/rwqcb5/water_issues/tmdl/central_valley_projects/central_valley_pesticides/criteria_method/		3	●	●	●	-	-	-	-	-	-	-	-	-	-	-	Water quality criteria have developed; these have not been adopted as water quality objectives.	
15	Ammonia Water Quality Objectives	Future	Central Valley Region (Region 5)	CVRWQCB	?	https://www.waterboards.ca.gov/centralvalley/water_issues/basin_plans/oldtriennialreviews/2018tr/2018_1016_2018tr_workplan.pdf		3	●	-	?	●	-	-	-	●	-	-	-	-	-	-		
16	Dissolved Oxygen Objectives	Future	Central Valley Region (Region 5)	CVRWQCB	2021	https://www.waterboards.ca.gov/centralvalley/water_issues/basin_plans/oldtriennialreviews/2018tr/2018_1016_2018tr_workplan.pdf		3	●	●	●	●	-	-	●	●	●	-	-	●	-	-	Development of site-specific dissolved oxygen objectives for: Sacramento-San Joaquin Delta, Lower Stanislaus River, Old and Middle Rivers.	

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17	Current use fungicides and herbicides toxicity reference values	In Development	Central Valley Region (Region 5)	UC Davis	2020	https://www.waterboards.ca.gov/centralvalley/water_issues/basin_plans/oldtriennialreviews/2018tr/2018_1016_2018tr_workplan.pdf		3	●	●	●	-	-	-	●	●	-	●	-	-	-	-		The Board has contracted \$375,000 with UC Davis to develop toxicity reference values for current use fungicides and herbicides found in the Delta on resident algal species. This work involves phytoplankton LC50 determination following four-day growth tests with up to four herbicides and fungicides commonly detected in Delta waters. Need to ID nexus to Delta RMP.	
18	Conservation and Recovery Activities (for salmon, steelhead, and green sturgeon)	Existing (Adopted/ Implemented)	Statewide	NOAA Fisheries	On-going	https://www.westcoast.fisheries.Naa.gov/central_valley/		3	-	-	●	-	-	-	●	-	●	●	-	-	-	-		DFW conducting research on non-native species and contaminants. Need to ID nexus to Delta RMP.	
19	Statewide Bacteria Provisions & Use Attainability Analyses	Existing (Adopted/ Implemented)	Statewide	SWRCB	2018	https://www.waterboards.ca.gov/bacterialobjectives/		3	●	●	●	-	-	-	-	●	-	-	?	-	-	-	Bacteria Indicators	The provisions allow the Regional Water Board to develop criteria for natural source exclusions. This seems like a perfect project for the Delta RMP to tackle. Finally, it is my understanding that the Provisions do not apply to agricultural discharges.	
20	Biological Integrity Assessment Implementation Plan & Biostimulatory Substances Amendment	In Development	Statewide	SWRCB	2017-2022?	https://www.waterboards.ca.gov/water_issues/programs/biostimulatory_substances_biointegrity/		3	●	●	●	-	-	-	-	-	-	-	-	-	-	-	Various	To develop based on results of Statewide Nutrient Study Plan; need to ID reference conditions in Delta; also address harmful algal blooms (HABs).	
21	Temperature Criteria and Objectives	Future	Central Valley Region (Region 5)	CVRWQCB	?	https://www.waterboards.ca.gov/centralvalley/water_issues/basin_plans/oldtriennialreviews/2018tr/2018_1016_2018tr_workplan.pdf		3	●	-	?	●	-	-	●	●	-	-	-	-	-	-	●		
22	Delta Science Plan Update	Existing (Adopted/ Implemented)	Delta	Delta Stewardship Council	2018	http://deltacouncil.ca.gov/docs/delta-science-plan/draft-delta-science-plan-update-public-review-august-22-2018		3	-	-	-	●	-	-	●	-	●	-	-	-	-	-	●	Related to RMP holistically, but does not include specific water quality management drivers.	
23	Delta 2017-2021 Science Action Agenda	Existing (Adopted/ Implemented)	Delta	Delta Stewardship Council	2017-2021	http://scienceactionagenda.deltacouncil.ca.gov/		3	-	-	-	●	-	-	●	-	●	●	●	●	●	●	●	The Science Action Agenda is a four-year science agenda for the Sacramento-San Joaquin Delta that prioritizes and aligns science actions to inform management decisions, fills gaps in knowledge, promotes collaborative science, builds the science infrastructure, and achieves the objectives of the Delta Science Plan. The primary purpose of the IEP Science Agenda is to guide the development of the IEP Annual Work Plans.	
24	Cannabis Cultivation General Order	Existing (Adopted/ Implemented)	Statewide	SWRCB	2017	https://www.waterboards.ca.gov/water_issues/programs/cannabis/		3	?	?	-	-	-	-	?	●	-	●	-	-	-	-	?	Relevant to stakeholders other than State and Regional Water Boards? Ag will not allow cannabis operations to join; no registered pesticides approved for use on cannabis.	
25	Operations (dam releases, barriers)	Existing (Adopted/ Implemented)	Statewide	DWR, USBR	On-going	http://www.woandm.water.ca.gov/		3	-	-	-	-	●	-	●	-	●	-	-	-	-	-	-	Need to ID nexus to Delta RMP. Increased flows from dam releases dilute contaminants and may lessen their environmental impact. Releases can cause changes to water temperature, dissolved oxygen, suspended sediment, and other water quality parameters.	
26	Drinking Water Policy	Existing (Adopted/ Implemented)	Central Valley Region (Region 5)	CVRWQCB	2014	https://www.waterboards.ca.gov/centralvalley/water_issues/drinking_water_policy/		3	●	-	-	●	●	-	-	-	-	-	-	-	-	-	Bacterial Indicators	Pathogen study completed; RWQCB to review policy in 2023 if there are significant changes to the characteristics of the project area, drinking water treatment standards based on source water quality, or knowledge regarding drinking water constituents of concern	
27	North SF Bay Selenium TMDL	Existing (Adopted/ Implemented)	Central Valley Region (Region 5), SF Bay Region (Region 2)	SFBRWQCB	2016	https://www.waterboards.ca.gov/sanfranciscobay/water_issues/programs/TMDLs/seleniumtmdl.shtml		3	●	-	●	-	-	-	-	●	-	-	-	-	-	-	Selenium	Fully approved and in effect since Aug 2016. Primary load allocation is "Central Valley Watershed", waste load allocation (WLA) to POTW, no WLA to stormwater dischargers, of significance to agriculture as part of CV Watershed. Full attainment expected by 2019.	
28	Control of Selenium in the Lower San Joaquin River Basin (San Joaquin River Selenium TMDL)	Existing (Adopted/ Implemented)	Central Valley Region (Region 5)	CVRWQCB	2001	https://www.waterboards.ca.gov/centralvalley/water_issues/tmdl/central_valley_projects/san_joaquin_se/		3	-	-	●	-	-	-	-	●	-	-	-	-	-	-	Selenium	Approved in August 2001 Subsurface agricultural drainage discharges from this area are the major source of selenium.	
29	Statewide Toxicity Provisions	In Development	Statewide	SWRCB	Early 2019	https://www.waterboards.ca.gov/water_issues/programs/state_implementation_policy/tx_ass_cntri.html		3	●	●	?	-	-	-	-	-	-	-	-	-	-	-	-		
30	Clean Water Act Section 401 Water Quality Certifications (dredge and fill permits)	Existing (Adopted/ Implemented)	Central Valley Region (Region 5)	CVRWQCB	On-going	https://www.waterboards.ca.gov/centralvalley/water_issues/water_quality_certification/		4	-	-	-	●	●	●	●	●	●	●	?	●	●	-	-		DWR, two ports, and a yacht club have been required to participate in Delta RMP via 401 WQ cert. conditions. RMP provides overall, cumulative monitoring instead of project specific monitoring. Restoration Projects (e.g., under BDCP, EcoRestore http://resources.ca.gov/ecorestore/and BiOps) & adaptive management
31	Regional Stormwater Permit	Existing (Adopted/ Implemented)	Central Valley Region (Region 5)	CVRWQCB	2016	https://www.waterboards.ca.gov/water_issues/programs/stormwater/phase_ii_municipal.html		4	-	●	-	-	-	-	-	●	-	●	●	-	●	-	-	Where rather than each small community having its own discharge permit, they have "blanket" coverage under a regional permit that applies to smaller communities, typically those with a population less than 100,000. Regional Permit requires Permittees within the legal Delta to join the Delta RMP when obtaining coverage. Permittees outside the legal Delta may be required to participate in the Delta RMP "if directed and approved by the Executive Officer to address all or part of the local water quality monitoring requirements of this Order."	