

Table 1: Summary of Proposals for RMP Special Studies in 2025

Workgroup	Study Name	PI / Agency	Funding Request	Ranking	Time sensitive	Multi-year study	Multi-workgroup study	Notes	Agenda Package Page Numbers
Emerging Contaminants	Stormwater CECs Monitoring and Modeling 2025	Moran / SFEI	\$300,000 - \$450,000	Tier 1 (\$300,000) Tier 2 - #1 (\$150,000)	Y	N	Y	Early release of RMP funds requested	50-64
Emerging Contaminants	Plastic Additives in Bay Water and Archived Sediment	Mendez / SFEI	\$170,750 - \$310,920	Tier 1 (\$235,200)	N	Y	N	Bay Water Only \$170,760, + \$65, 350 (Archived Sediment), + \$74,820 (Stormwater)	65-74
Emerging Contaminants	Quarternary Ammonium Compounds (QACs) in Bay Water and Stormwater	Mendez / SFEI	\$111,000 - \$174,000	Tier 1 (\$106,000)	N	Y	N	Bay Water Only \$111k, Bay water and Stormwater \$174k	75-81
Emerging Contaminants	Nontarget Analysis of San Francisco Bay Fish (Year 2)	Miller / SFEI	\$76,000	Tier 1	Y	N	N	year 2 of a two year project	82-90
Emerging Contaminants	Stormwater In Vitro Toxicity Screening	Miller / SFEI	\$26,000	Tier 1	Y	N	N	Early release of RMP funds requested	91-99
Emerging Contaminants	Tire Rubber Marker Analysis for Tire Wear Particle Quantification	Lin / SFEI	\$105,000	Tier 2 - #2	Y	Y	Y		100
Emerging Contaminants	PFAS NMR Analysis in Wastewater, Stormwater, and Bay Matrices	Mendez / SFEI	\$125,000	Tier 2 - #3	Y	N	N	\$125k Year1, est. \$200-260k Year 2	101
Emerging Contaminants	Nontarget and Target Analysis of Fibers and Urban Stormwater	Lin / SFEI	\$123,700	Tier 2 - #4	N	N	Y	Early release of RMP funds requested	102-119
Emerging Contaminants	PFAS Rainwater (Wet Deposition Pathway) Community Science: Phase 1 Planning	Mendez / SFEI	\$60,000	Tier 2 - #5	N	N	N	\$60k Phase1, est. \$200-400k for implementation	120
Emerging Contaminants	PFAS Analysis Add-On to Stormwater Depth Monitoring Pilot	Lin / SFEI	\$55,000	Tier 2 - #6	Y	N	N	Early release of RMP funds requested	121
Emerging Contaminants	Nontarget Analysis Add-On to Stormwater 2025 Monitoring	Miller / SFEI	\$36,000	Tier 2 - ?	Y	N	N	Early release of RMP funds requested	122
	Total		\$1,188,450 - \$1,541,620						
Microplastic	Microplastics Stormwater Monitoring Pilot (Year 2 of 2)	Lin / SFEI	\$106,200	1	Y	N	N	Early release of RMP funds requested	123-131
Microplastic	Microplastics in San Francisco Bay Sport Fish	Lin / SFEI	\$130,000	2	N	N	N		132
	Total		\$236,200						
Nutrients	Moored sensor high-frequency observation network	Senn / SFEI	\$250,000	N/A	Y	Y	N		
	Total		\$250,000						
Sediment	Develop a study plan to improve characterization of bed sediments and settling velocity to advance sediment transport modeling for San Francisco Bay	Lacy / USGS	\$106,900	1	Y	N	N		133-139
Sediment	Shoreline Change in San Francisco Bay	Braud / SFEI	\$50,000	2	N	Y	N	\$50k Year 1, approx. \$30k Year 2	140-141
Sediment	Suspended Sediment Flux Measurements at Richmond-San Rafael Bridge, California	Hart / USGS	\$15,000	3	Y	N	N		142
Sediment	Refining the Conceptual Understanding of Sediment Transport in San Pablo Bay	Stark / SFEI	\$65,000	4	N	N	N		143-149
Sediment	Sediment Dynamics in a Fluvially Influenced Salt Marsh	Nowacki & Lacy / USGS	\$121,500	5	Y	Y	N		150-151
	Total		\$358,400						
Sources Pathways and Loading	Integrated Monitoring and Modeling to Support PCBs and Mercury Watershed Loads Uncertainties Assessment and Monitoring Design (Year 2 of 3)	Avellaneda / SFEI	\$110,000	Tier 1	N	Y	N		152-160
Sources Pathways and Loading	Tidal Area Remote Sampler Pilot - Year 3	Gilbreath / SFEI	\$15,000	Tier 1	Y	Y	N		161-167
Sources Pathways and Loading	Stormwater CECs Modeling and Data Analysis	Avellaneda / SFEI	\$39,000	Tier 1	Y	N	Y		168

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Sources Pathways and Loading	GIS Improvements to Support Modeling, Data Interpretation, and Site Selection	Heberger / SFEI	\$40,000	Tier 2	N	N	N		169-170
Sources Pathways and Loading	Stormwater Systems Management and Equipment Upgrades	Gilbreath / SFEI	\$80,000	Tier 2	Y	N	N	Early release of RMP funds requested	171
Sources Pathways and Loading	Develop Discharge Rating Curves at County-Operated Stage Monitoring Stations	Heberger / SFEI	\$30,000	Tier 2	N	N	N		172-174
Sources Pathways and Loading	Add-on to Stormwater Contaminants of Emerging Concern (CECs) Monitoring and Modeling 2025 Project to Include Additional Non-CECs Analytes	Gilbreath / SFEI	\$50,000	Tier 2	Y	N	Y	Early release of RMP funds requested	175-176
Total			\$364,000						
PCBs	San Leandro Bay OPTICS Study	Scheu / Integral	\$600,000		Y	N	N	To be funded from separate PCB pot	
PCBs	Mapping Mudflat Morphodynamics	Yee / SFEI	\$25,000		Y	N	N	To be funded from separate PCB pot	
PCBs	Sediment Trap Reconnaissance	Yee / SFEI	\$22,000		Y	N	N	To be funded from separate PCB pot	
Total									