

Table 1: Summary of Proposals for RMP Special Studies in 2021

Workgroup	Study Name	PI / Agency	Funding Request	Ranking	Time sensitive	Multi-year study	Multi-workgroup study	Notes	Page Numbers
Emerging Contaminants	CECs in Stormwater (Year 3)	Sutton / SFEI	\$148,000	1	Y	Y	Y	Year 3 of 3-4 year study	28 - 37
Emerging Contaminants	Toxicology Strategy (followup)	Miller / SFEI	\$60,000	2	Y	Y	N	For consideration of early funding release	38 - 43
Emerging Contaminants	PFAS in Bay water	Sutton / SFEI	\$50,000	3	Y	N	N	Leverages 2021 S&T water cruise	44 - 50
Emerging Contaminants	Seasonal Influence of Bisphenols and OPEs	Sutton / SFEI	\$85,500	4	Y	N	N		51 - 57
	Total		\$343,500						
	Planning Budget (from MYP)		\$486,000						
Microplastic	Ecotoxicological Workshop	Miller / SFEI SCCWRP	\$18,000	1	Y	N	N	Additional \$56,000 matching funds from SCCWRP	58 - 62
Microplastic	Microplastic in Sport Fish	Lin / SFEI Kochman / UToronto	\$51,000	2	N	N	N		63 - 70
Microplastic	Stormwater Conceptual Model (Year 2)	Lin / SFEI	\$30,000	3	Y	Y	Y		71 - 76
Microplastic	Microplastic in South Bay Sediment Cores	Lin / SFEI	\$50,500	4	N	N	Y	\$7,300 add-on for radioisotope dating	77 - 83
	Total		\$149,500						
	Planning Budget (from MYP)		\$190,000						
Nutrients	Suspended sediment light attenuation in San Francisco Bay	Senn / SFEI	\$125,000-\$150,000	N/A	Y	Y	Y		84 - 85
Nutrients	Moored sensor high-frequency observation network	Senn / SFEI	\$180,000	N/A	Y	Y	N	Additional \$190,000 in matching funds from NMS	86 - 89
	Total		\$330,000						
PCBs	Strategy for In-Bay Modeling of PCBs and Other Contaminants	Jones / Integral Davis & Yee / SFEI	\$45,050	1	Y	N	Y		90 - 94
PCBs	Monitoring the Impact of Remediation Actions on San Leandro Bay Recovery from PCB Contamination	Lin & Yee / SFEI Cho / Stanford	\$77,830 - \$104,020	2	Y	N	N	Additional \$60,00-\$42,000 in-kind contributions from Stanford	95 - 101
	Total		\$149,070						
	Planning total (from MYP)		\$65,000						
Sediment	DMMO San Francisco Bay Floating Percentile Method Update	Yee & Wong / SFEI	\$34,050	1	N	N	N		102 - 106
Sediment	Temporal variability in sediment delivery to a South San Francisco Bay salt marsh	Lacey & Thorne / USGS	\$199,511	2	N	N	N	Combination of Jessie Lacey and Karen Thorne's work to be co-located in South Bay and applicable at the same time scale.	107 - 114
Sediment	DMMO database enhancements	Grosso / SFEI	\$40,000	3	N	N	N		115 - 118
Sediment	Continuous suspended sediment monitoring on the eastern shoal of South San Francisco Bay	Roberts / SFEI	\$29,040 - \$50,320	4	N	N	Y		119 - 124
	Total		\$323,881						
	Planning Budget (from MYP)		\$380,000						
Selenium	Selenium in North Bay Clams and Water	Davis / SFEI	\$71,600	1	Y	Y	N	Year 3 of long-term monitoring efforts	125 - 132
Selenium	Selenium in White Sturgeon Muscle Plugs	Davis / SFEI	\$21,825	2	Y	Y	N		133 - 139
	Total		\$93,425						
	Planning Budget (from MYP)		\$117,000						
Sources Pathways and Loading	STLS Program Management	McKee / SFEI	\$25,000	N/A	Y	Y	N		140 - 142
Sources Pathways and Loading	Regional Model Development to Support Watershed Loads and Trends	Zi / SFEI	\$150,000	1	Y	Y	N	Year 3 of 4 year study	143 - 148
Sources Pathways and Loading	Integrated Monitoring and Modeling Strategy - CEC Conceptual Model	McKee / SFEI	\$50,000	2	Y	N	Y		149 - 154
Sources Pathways and Loading	Small Tributaries Loading POC Watershed Reconnaissance Monitoring	Gilbreath / SFEI	\$65,000	3	N	Y	Y	\$55K carry over from WY 2020 budget	155 - 160

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Sources Pathways and Loading	POC Data Interpretation - Advanced Data Analysis	McKee & Yee / SFEI	\$15,500 - \$50,000	4	N	Y	N	Year 2 of 2 year study. Three Funding options: \$15.5K (analysis for loads and yields), \$30K (add aroclor analysis), \$50K (adds soil samples)	161 - 167
	Total		\$340,000						
	Planning total (from MYP)		\$350,000						

Total Funding Request \$1,729,376

Core RMP Funds Available for Special Studies \$1,012,000
 AMR Funds Available for Emerging Contaminants Special Studies \$273,000
Total Funds Available for Special Studies \$1,285,000

Funding Shortfall \$444,376