

Table 1: Summary of Proposals for RMP Special Studies in 2019

| Workgroup | Study Name | PI / Agency | Funding Request | Notes (Ranking) | Page Number |
|------------------------------|---|------------------|-----------------|---|-------------|
| Emerging Contaminants | Emerging Contaminants Strategy | Sutton / SFEI | \$70,000 | 1 | |
| Emerging Contaminants | Non-targeted Analysis of Fish and Wildlife | Sutton / SFEI | \$25,000 | 2 (Year 1 of 3 yr study) | |
| Emerging Contaminants | Contaminants of Emerging Concern in Urban Stormwater | Sutton / SFEI | \$180,000 | 3 (Year 1 of 2-yr study. Year 2 = \$267k) | |
| Emerging Contaminants | Ethoxylated Surfactants in Ambient Water, Margin Sediment, and Wastewater | Lin / SFEI | \$123,000 | 4 | |
| Emerging Contaminants | Sunscreens in Wastewater | Sedlak / SFEI | \$50,300 | 5 | |
| | Total | | \$448,300 | | |
| | Planning Budget (from MYP) | | \$555,000 | | |
| | AMR Funds Available | | \$270,000 | | |
| Sources Pathways and Loading | Small Tributaries Program Management | Wu / SFEI | \$40,000 | 1 - Highest | |
| Sources Pathways and Loading | Small Tributaries Loading POC Watershed Characterization Reconnaissance Monitoring | Gilbreath / SFEI | \$175,000 | 2 | |
| Sources Pathways and Loading | STLS Regional model development to support trends strategy Part I - Planning | Wu / SFEI | \$60,000 | 3 | |
| Sources Pathways and Loading | Advanced Data Analysis, Phase II | Mckee / SFEI | \$50,000 | 4 | |
| Sources Pathways and Loading | STLS Regional model development to support trends strategy Part II - Beta hydrology model | Wu / SFEI | \$50,000 | 5 (Year 1 of multi-year effort) | |
| | Total | | \$375,000 | | |
| | Planning Budget (from MYP) | | \$555,000 | | |

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| Exposure and Effects | Support for Dredging Project Bioaccumulation Evaluations, Part 2 | SFEI | \$48,000 | 1 | |
| Exposure and Effects | Exposure and Effects Workgroup Strategy Coordination and Technical Support | SFEI | \$5,000 | 2 | |
| Exposure and Effects | Synthesis of Benthic Community Data in the Whole of San Francisco Bay using the M-AMBI Index Phase II | SCCWRP | \$29,000 | 3 | |
| Exposure and Effects | Developing Bioscreening Thresholds for the Glucocorticoid Receptor Cell Assay | SCCWRP / UF | \$50,000 | 4 (Year 1 of 3 year Study) | |
| Exposure and Effects | Efficient extraction of endocrine disruptors from sediments from San Francisco Bay | Univ. of Florida | \$18,200 | 5 | |
| | Total | | \$150,200 | | |
| | Planning Budget (from MYP) | | \$124,000 | | |
| Nutrients | High-Frequency Moored Sensor Network | Senn / SFEI | \$360,810 | 1 | |
| Nutrients | Ship-based Monitoring with USGS | Senn / SFEI | \$180,042 | 2 | |
| | Total | | \$540,852 | | |
| | Planning Budget (from MYP) | | \$500,000 | | |
| Microplastic | Microplastic Strategy | Sutton / SFEI | \$15,000 | 1 | |
| Microplastic | Microplastic in San Francisco Bay Sport Fish | Sedlak / U. Toronto | \$110,300 | 2 (Can be split Y1/Y2: \$69,900/\$40,400) | |
| Microplastic | Microplastic in San Francisco Bay Sport Fish: Add-on Tissue Analysis | Sedlak / U. Toronto | \$26,000 | 3 | |
| Microplastic | Microplastic in San Francisco Bay Sport Fish: Add-on Additional Site | Sedlak / U. Toronto | \$26,000 | 4 | |
| Microplastic | Microplastic in San Francisco Bay Sport Fish: Archive samples for Y2 | Sedlak / U. Toronto | \$10,000 | 5 | |
| | Total | | \$187,300 | | |
| | Planning Budget (from MYP) | | \$120,000 | | |
| Sediment | Bay Sediment Conceptual Understanding and Monitoring Strategy | SFEI | \$77,600 | 1 | |
| Sediment | Update of Erosion and Deposition in San Francisco Bay | USGS | \$77,000 | 2 (Year 1 of a 2-year study) | |
| Sediment | Workshop on Sediment Screening and Testing Guidelines for Beneficial Reuse of Dredged Sediments | SFEI | \$30,000 | 3 | |
| Sediment | Sediment Bulk Density Study | SFEI | \$30,000 | 4 | |
| Sediment | Golden Gate Sediment Flux Modeling Study | Anchor QEA | \$45,000 | 5 | |
| | Total | | \$259,600 | | |
| | Planning Budget (from MYP) | | \$325,000 | | |
| PCBs | PCB Strategy Coordination and Technical Support | SFEI | \$10,000 | 1 | |

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|----------|--|------|-----------|---|--|
| PCBs | Priority Margin Unit Stormwater PCB Monitoring | SFEI | \$40,000 | 2 | |
| PCBs | Shiner Surfperch Priority Margin Unit Survey | SFEI | \$60,000 | 3 | |
| | Total | | \$110,000 | | |
| | Planning Budget (from MYP) | | \$190,000 | | |
| Selenium | Selenium Strategy Coordination & Technical Support | SFEI | \$10,000 | 1 | |
| Selenium | North Bay Clam and Water Part I - Monitoring | SFEI | \$75,000 | 2 | |
| Selenium | Sturgeon Muscle Plug Part I - Monitoring | SFEI | \$22,000 | 3 | |
| Selenium | North Bay Clam and Water Part II - Data Management & Reporting | SFEI | \$40,000 | 4 | |
| Selenium | Sturgeon Muscle Plug Part II - Data Management & Reporting | SFEI | \$24,000 | 5 | |
| | Total | | \$171,000 | | |
| | Planning Budget (from MYP) | | \$246,000 | | |

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| Total Funding Request | \$2,242,252 |
| Core RMP Funds Available for Special Studies | \$861,500 |
| AMR Funds Available for Emerging Contaminants Special Studies | \$270,000 |
| Total Funds Available for Special Studies | \$1,131,500 |
| Funding Shortfall | \$1,110,752 |