## Summary Table of Pilot and Special Study Proposals

**Sources, Pathways, and Loading Workgroup** [a]

| Rank | Study No. | Title | Submitted By | Budget | Compliance/ Permit Related? | Science-driven? | Policy-driven? |
|---|---|---|---|---|---|---|---|
| 1 | 1 | Guadalupe River Watershed Model Development | J. Oram, L. McKee, RMP staff | $75,000 | | | The model will be useful in understand effect of management actions on Hg/PCB loads |
| 2 | 2 | Watershed specific sediment loads – a new estimate for predicting sediment quality | L. McKee and RMP staff | $40,000 | Relates to request by MRP to estimate loads by watershed. | Project would provide an estimate of loads from each watershed. | |
| 3 | Not included | Methyl Mercury loading inventory for SF Bay | Lester McKee, Yee, Collins, Grenier, Zhang (SFEI), USGS Menlo Park (Windham, DiPasquale, Kuwabara), Batelle (Gill), MLML (Stephenson), R5 RWQCB (Foe), BACWA (Downing et al). | $22,000 | | | |

Total of top 3 SPL:    $137,000

[a] In 2008, under the redesigned Status and Trends program, small tributaries will be studied annually ($150,000),  large tributaries triennially ($47,000/yr), and Guadalupe river triennially ($28,000/yr).

**Exposure and Effects Pilot Study [b]**

| Rank | Study No. | Title | Submitted By | Budget | Compliance/ Permit Related? | Science-driven? | Policy-driven? |
|---|---|---|---|---|---|---|---|
| 1 | 4 | Mercury-Selenium Effects on Reproductive Success of Terns and Stilts in San Francisco Bay | C. Eagles-Smith (USGS) and J. Ackerman (USGS) | $74,469 | | Understanding the interaction between Hg and Se in eggs will be important to develop thresholds | |
| 3 | 5 | Characterization of Thyroid Endocrine Disruption in San Francisco Bay Fish | K. Kelley (CSU-LB) | $35,000 | | Developing indicators of fish effect is important for long term monitoring | |
| 2 | 6 | Impacts of PAH-contaminated sediment on early life history stages of benthic fish | J. Incardona (NOAA) | Y1- $43,000 Y2- $50,500 | | Impacts of PAH-contaminated sediment on early life history is not well understood. | Disposal of PAH-contaminated sediments is an important issue for management of the Bay |

Total of top 3 EE:   $152,469

[b] Proposals ranked 1 and 3 will likely be funded through EEPS and will likely use all of the EEPS funding (EEPS has $200,000 available).

Under the redesigned program, S&T will monitor bird eggs triennially ($40,000/yr), small fish annually ($50,000), and sportfish triennially  ($85,000/yr).

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**Contaminant Fate Workgroup**

| Rank | Study No. | Title | Submitted By | Budget | Compliance/ Permit Related? | Science-driven? | Policy-driven? |
|---|---|---|---|---|---|---|---|
| 1 | Not included | Mercury Isotope Signatures as Potential Source Indicators | J. Blum (U. Michigan), D. Yee (SFEI) | $150,000  2 years | | | |
| 2 | 8 | Remote Observations of Episodic Sediment Transport Patterns in San Francisco Bay, CA. | J. Oram (SFEI) | $14,000 | | To date, adequate characterization of sediment flux out of GG has not been done. | |
| 3 | 9 | Comparison of contaminant patterns between the San Francisco Estuary and the coast. | A. Melwani (SFEI), M. Kellogg (CCSF), R. Brodberg (OEHHA), and B. Greenfield (SFEI) | $20,150 | | A comparison of coastal fish to bay fish will indicate whether there are significant sources in the Bay. | |
| 4 | Not included | Relative chemical availability of mercury from tributaries to south San Francisco Estuary | Flegal, Conaway, Scelfo, Weiss (UCSC) | $160,000 | | | |

Total of top 4 CF proposals:          $269,150

In the past, supplemental funding for CFWG activities has come from the Status and Trends data integration task (e.g., to perform the multi-box modeling activities).

**Emerging Contaminants Workgroup**

| Rank | Study No. | Title | Submitted By | Budget | Compliance/ Permit Related? | Science-driven? | Policy-driven? |
|------|-----------|-------|--------------|--------|------------------------------|------------------|------------------|
| 1 | 11 | Perfluorinated Compounds in Biota | D. Greig (MMC), M. Sedlak (SFEI) | $34,500 | | No information is available regarding PFOS in biota.  This study would provide valuable data on apex predators. | |
| 2 | 12 | Non-PBDE Current Use Flame Retardants in Biota | S. Klosterhaus (SFEI), D. Greig (MMC) | $47,500 | | Very little information exists regarding the presence of alternative flame retardants in the Bay. | |

Total of top 2 EC proposals:          $82,000