

RMP MULTI-YEAR PLAN

October 29,
2012

SMALL TRIBUTARY LOADS

- **Considerations**
 - Time to update STL MYP
- **Current plans for 2014**
 - Spreadsheet model (\$20K), loads (\$300K)
- **Other possibilities**
 - Continued source area monitoring – added to 2014 (\$80K), beyond?
 - Coordination (\$20K) added to 2014
 - More of same

NUTRIENTS

- **Considerations**
 - Conceptual model document in preparation
 - USGS price hikes
 - USGS funding on the wane – transition plan for Cloern monitoring
- **Current plans for 2014**
 - Coordination (\$20K)
 - Modeling (see Forecasting plan)
- **Other possibilities**
 - Moored sensors (\$300K)
 - Cloern ramp-up (proposed extra \$120K in 2014)
 - Other monitoring?

FORECASTING (MODELING)

- **Considerations**
 - Tactical plan in development
- **Current plans for 2014**
 - Model development (\$200K)
- **Other possibilities**
 - Empirical data gathering for contaminants (\$100K)

MERCURY

■ Considerations

- Mercury synthesis published in Environmental Research (SFEI version with bonus material imminent)
- Recommends focus on monitoring actions in marshes and ponds
 - RMP sponsor workshop on marsh mercury monitoring?
 - Atmospheric deposition a data gap

■ Current plans for 2014

- Continued S&T

■ Other possibilities

- Nothing urgent

PCBs

- **Considerations**
 - PCB Synthesis in preparation
- **Current plans for 2014**
 - Model development top priority
 - Continued S&T
- **Other possibilities**
 - Nothing urgent

DIOXINS

- **Considerations**
 - MYP implementation continues
 - 2013 \$ for wetland cores? – vet with Dioxin Team
- **Current plans for 2014**
 - Synthesis (simple modeling)
 - Sport fish
- **Other possibilities**
 - Nothing urgent

STATUS AND TRENDS

- **Deeper cuts possible?**
 - Benthos?
- **USGS price hike**
- **Possible additions**
 - **Margin sediment**
 - Important data for fate modeling
 - Expensive: 5 embayments – 47 sites - \$550K
 - Will be vetted through the TRC
 - **Additional CEC monitoring**
 - Pending CEC Strategy (due xx)
 - **Toxicity**
 - WB recommends keeping status quo
 - **DO on margins**

EMERGING CONTAMINANTS

- **Current plans for 2014**
 - Bioanalytical tools
 - Coordination
- **CEC Strategy**
 - Recommendations for monitoring
 - State Panel report (April 2012)
 - State Water Board recommendations (Sept. 2012)
 - ECWG recommendations
- **Other possibilities**
 - Current use pesticides
 - NIST Broadscan?
 - Alternative Flame Retardants?
 - Down the road, bioanalytical

EXPOSURE AND EFFECTS

- **Current plans for 2014**
 - **Benthos**
 - Army Corps suggestion
 - **Fish**
 - Some overlap with bioanalytical tools
- **Other possibilities**
 - **Benthos**
 - Wrapping up mesohaline index
 - **Sediment Toxicity**
 - Possible followup to workshop
 - **Birds**
 - No pressing needs at this time