

Annual Reporting for FY 2009-2010

Regional Supplement for Pollutants of Concern and Monitoring

San Francisco Bay Area Municipal Regional Stormwater Permit



September 2010

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LIST OF APPENDICES:

A. Pollutants of Concern

- A1 Pesticide Regulation for Water Quality Protection - Annual BASMAA Participation Summary and Outcomes Assessment 2010. Prepared by TDC Environmental, LLC. August 30, 2010.
- A2 Clean Watersheds for a Clean Bay - Implementing the San Francisco Bay PCBs and Mercury TMDLs with a Focus on Urban Runoff. Bay Area Stormwater Management Agencies Association (BASMAA). April 19, 2010.
- A3 Clean Watersheds for a Clean Bay (CW4CB) Project Status. Memorandum prepared by Kristen Kerr and Jon Konnan, EOA, Inc., for the CW4CB Project Management Team. September 13, 2010.
- A4 Draft Stormwater Pump Station Diversions Feasibility Evaluation. Prepared by Brown and Caldwell, Inc. September 13, 2010
- A5 Methods for Quantifying Mercury and PCB Loads Reduced From Urban Stormwater Runoff. Working Draft Technical Memorandum prepared by EOA, Inc. September 10, 2010
- A6 RMP Special Study Proposal: Synthesis of Information on Mercury
- A7 Coversheet of the Pollutants of Concern Stormwater Inspectors' Guidance Manual
- A8 PCBs in Caulk Project, Revised Workplan, Taking Action for Clean Water: Bay Area TMDL Implementation. Prepared by the San Francisco Estuary Partnership. December 2009.

among RMC participants, an *RMC Multi-Year POC Loads Monitoring Plan* (POC Loads Monitoring Plan) documenting the alternative approach will be submitted to the Water Board EO for approval prior to commencement of POC loads monitoring required by the MRP (October 2011). The POC Loads Monitoring Plan will include the rationale for the choice of sampling locations and methods (i.e., number and type of samples, number of storms, and recurrence interval for sampling).

Long-Term Trends Monitoring

In addition to POC loads monitoring, Provision C.8.e requires Permittees to conduct long-term trends monitoring to evaluate if stormwater discharges are causing or contributing to toxic impacts on aquatic life. Required long-term monitoring parameters, methods, intervals and occurrences are included in Table 8.4 of the MRP and prescribed long-term monitoring locations are included in Table 8.3. Applying MRP Provision C.8.a in a manner similar to that described above for creek status and POC loads monitoring, long-term trends monitoring is scheduled to begin in October 2011 for RMC participants.

The State of California's Surface Water Ambient Monitoring Program (SWAMP) through its Statewide Stream Contaminant Trend Monitoring Program currently monitors the seven long-term monitoring sites required by Provision C.8.e.ii, at the sampling occurrence and interval described in Provision C.8.e.iii in the MRP. Although a long-term trends design for creeks will likely be included in the design of the RMC creeks monitoring design, at this time, RMC participants continue to assume that SWAMP will continue to conduct long-term monitoring at a level of effort necessary to comply with the long-term trends requirement in the MRP (as allowed by Provision C.8.e.ii). In FY 2010-11, RMC representatives will confirm that SWAMP will continue the current level of effort of this program in future years and plan accordingly.

Sediment Delivery Estimate/Budget

Provision C.8.e(vi) of the MRP requires Permittees to develop a design for a robust sediment delivery estimate/sediment budget in local tributaries and urban drainages, and implement the study by July 1, 2012. The purpose of the sediment delivery estimate is to improve the Permittees' ability to estimate urban runoff contributions to loads of POCs, which are generally closely associated with sediment. To determine a strategy for a robust sediment estimate/budget, the BASMAA Board of Directors (BOD) approved a Regional Project in FY 2009-10 to begin reviewing current sediment delivery estimates, better define the objectives for improvement and determine what additional work is needed in FY 2010-11. Tasks that may be coordinated through the RMC include: 1) updating sediment delivery estimates recently completed via the RMP by incorporating an improved watershed boundaries dataset, that will also be the basis for future spreadsheet modeling of POC loads under the STLS; 2) listing potential data needs and the extent to which they will be filled through the STLS and MRP creek monitoring; and 3) identifying methods and a schedule for incorporating the above to produce a robust estimate/budget. Additional information on the status of this project will be included in the FY 2010-11 Annual Report.