



B A S M A A

Project: Sediment Delivery Estimate / Budget

Description: Municipal Regional Permit (MRP) provision C.8.e.vi required 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 was to improve the permittees' ability to estimate urban runoff contributions to loads of pollutants of concern (POCs), which are generally closely associated with sediment.

To determine a strategy for a robust sediment estimate / budget, this project first clarified what management needs drive the definition of "robust", and how much additional work was needed beyond a 2009 report from the RMP Sources, Pathways, & Loadings Work Group (SPLWG): "Watershed Specific and Regional Scale Suspended Sediment Load Estimates for Bay Area Small Tributaries". For FY10-11, a strategy was scoped for which potential elements included:

- Updating the 2009 report with an improved watershed boundaries dataset developed by the Prop 13 project, that will also be the basis for future spreadsheet modeling of POC loads in the Small Tributaries Loading Strategy (STLS)
- Listing potential data needs and the extent to which they will be filled through the STLS and MRP creek monitoring
- Methods and timeframe for incorporating the above to produce a robust estimate/budget

FY: 09/10; 11/12 through 13/14

Overseer: Monitoring / POCs Committee

Contracting Agency: BASMAA; ACCWP

Contractors: San Francisco Estuary Institute (SFEI); ACCWP Staff

Budget: \$53,409 (\$38,409 In-Kind from ACCWP)

Status: Done

Deliverable(s): Objectives and Work Plan; Strategy - Sediment Delivery Estimate / Budget; Regional Watershed Spreadsheet Model Geoprocessing Tool
