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## B A S M A A

**Project:** Creek Status Monitoring Information Management System Development

**Description:** The purpose of this project was to develop an Information Management System (IMS) to manage data collected in compliance with creek status and trends monitoring required by the Municipal Regional Permit (MRP). The IMS provides management capabilities for creek data collected under the RMC's regional creek design and those data collected individually by RMC participants under more water body specific designs. The IMS serves several purposes, the primary of which is to provide a vehicle for sharing creek monitoring data among participants, generate information to conduct analyses, interpretation, and report on findings, submit data electronically to the Regional Water Board, and make available through a regional information management center, permittee, or areawide program websites.

Consistent with MRP provisions C.8.e.v., C.8.f.vi., and C.8.h.i, data stored in the database must be submitted to the Regional Water Board in a format compatible with the Surface Water Ambient Monitoring Program (SWAMP) database. These electronic reporting requirements are in addition to the requirements for monitoring data to be SWAMP comparable in terms of methods and quality (provision C.8.i.).

As part of scoping of this project, the SWAMP database was briefly reviewed to determine its potential use by RMC participants as a data management tool. Based on this initial review, the SWAMP database appeared to be too cumbersome and complex for use as an RMC data management tool for creek data. So, this project was used to collaboratively develop a less complex, more intuitive database to manage RMC participant creek data. This simpler database is based directly on the SWAMP Excel template fields, using all the appropriate look-up tables to correctly and easily format the data into an arrangement consistent with SWAMP database compatibility. To do so, project tasks included:

- Develop IMS Work Plan
- Evaluate Existing Tools
- Reconcile MRP Requirements with SWAMP Data Submittal Formats
- Develop Information Management Roles and Responsibilities
- Develop Database and Import / Export Tools
- Develop Technical User Guidance

**FY:** 10/11 through 12/13

**Overseer:** Monitoring / POCs Committee

**Contracting Agency:** SMCWPPP; SCVURPPP

## Creek Status Monitoring Information Management System Development

**Contractors:** EOA

**Budget:** \$112,994 (\$5,222 In-Kind from SMCWPPP; \$107,772 In-Kind from SCVURPPP)

**Status:** Done

**Deliverable(s):** IMS Work Plan; Technical Memo: Roles and Responsibilities; Database; Technical User Guidance

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