



B A S M A A

Project: Using *Start at the Source* to Comply with Development Standards

Description: The purpose of this project was to provide guidance to municipal agencies and developers on how to use site design techniques such as those described in the *Start at the Source* manual to comply with stormwater flow and volume control standards for new and redevelopment expected in future stormwater NPDES permits. The intent was to promote the use of site designs protective of water quality by providing guidance to developers/engineers on how to take advantage of and get credit for a variety of *Start at the Source* site planning practices that, taken together, would satisfy the regulatory design standards.

The scope included: 1) a review existing studies of “low impact” design techniques, 2) developing a list of *Start at the Source* techniques that would qualify for “credit” in meeting the design standards, 3) developing a methodology for calculating the infiltration and detention volumes associated with the identified *Start at the Source* techniques, and 4) preparing a guidance booklet for selecting *Start at the Source* techniques and using the methodology, with examples, case studies, and references.

FY: 01/02

Overseer: New Development Committee

Contracting Agency: EOA

Contractor: CDM

Budget: \$50,250

Participants: Alameda, Contra Costa, Marin, San Mateo, Santa Clara, and Vallejo

Status: Done

Deliverable(s): *Using Site Design Techniques to Meet Development Standards for Stormwater Quality: A Companion Document to Start at the Source* (May 2003)
