

Start at the Source

*Design Guidance Manual
for Stormwater Quality
Protection*

1999 Edition

**Bay Area Stormwater
Management Agencies
Association**

B A S M A A



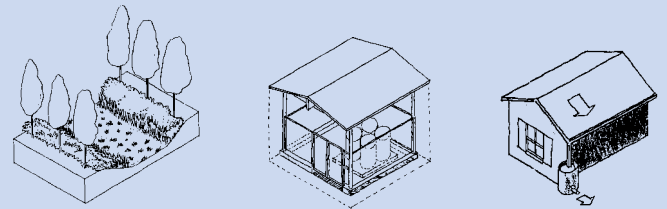
TOM RICHMAN & ASSOCIATES
Urban Design and Landscape Architecture

Finding that the way we design and build communities has a direct effect on water quality, the Bay Area Stormwater Management Agencies Association (BASMAA) has prepared **Start at the Source**, a manual that aims to help designers, developers, and municipal agencies create communities that achieve water quality goals.

The *Site Planning & Design Guidance Manual* contains introductory information on hydrology, watersheds, the importance of minimizing impervious land coverage, zoning and planning strategies for stream protection, and conceptual examples of dozens of methods for integrating stormwater management into all kinds of projects, including new development, infill, and redevelopment.

A **new technical section** presents detailed information on a wide variety of designs that can be adapted to residential, commercial, industrial and institutional projects.

This document recognizes that the one of the best opportunities to reduce the generation of urban runoff or nonpoint source pollution is through planning and design.



“The more we study stormwater runoff, the more we realize the critical role site planning and design play in our ability to reduce the impacts of development on the quality of our nation’s waters. This manual is a significant step in teaching planners and developers to plan for water quality.”

Thomas E. Mumley

California Regional Water Quality Control Board

San Francisco Bay Region

Urban Runoff Program Manager

“BASMAA’s *Start at the Source* guidance manual is a pioneering effort which focuses on the importance of considering storm water quality in the early stages of planning new residential development in the San Francisco Bay area.”

Community Planning & Environmental Committee

**Consulting Engineers and Land Surveyors
of California (CELSOC)**

“Through its integrative approach and illustrative method, *Start at the Source* shows how new development can be designed and built to meet functional and market demands while protecting water resources.”

Jim Dalton, Executive Vice President

American Society of Landscape Architects