

# ASSOCIATION OF BAY AREA GOVERNMENTS

Representing City and County Governments of the San Francisco Bay Area



**ABAG**

Date: July 7, 2014

To: ABAG Executive Board

From: Judy Kelly  
Director, San Francisco Estuary Partnership

Subject: **Ratification of Application to US Environmental Protection Agency (EPA) for Suisun Marsh Water Quality Objectives Attainment: Source Reduction Field Testing Project**

## Executive Summary

This project supports TMDL early implementation, provides methods to assess TMDL effectiveness, and would contribute to restoring water quality objectives in the Suisun Marsh ahead of TMDL implementation. The primary goals of this project are to (1) implement Best Management Practices (BMPs) on managed wetlands to control methyl-mercury and dissolved oxygen levels, (2) refine how Fairfield Suisun Sanitary District discharges are managed and the related existing managed wetland water management infrastructure that utilize these discharges (tool for improving hydrology), and (3) investigate additional potential impairment sources and develop approaches to their source reduction. By testing the efficacy of these measures through a combination of field data collection, hydrodynamic and water quality models and engineering tools, and peer reviewed literature; the project will extrapolate from these findings to identify constraints, opportunities and recommendations for meeting TMDL targets.

ABAG/SFEP would partner with San Francisco Bay Regional Water Quality Control Board, Fairfield-Suisun Sewer District, Suisun Resource Conservation District, California Department of Fish and Wildlife, San Francisco Bay Conservation and Development Commission, Delta Conservancy, Delta Science Program, Environmental Science Associates, and TetraTech.

## Recommended Action

The Executive Board is requested to approve ABAG/SFEP application for funds of \$2 million from the U.S. EPA and \$2 million project match from partner agencies and authorize the Executive Director or designee to enter into a cooperative agreement with U.S. EPA should the project be selected for funding. The agreement term is anticipated to be through December 2017.