

Delta Diablo Sanitation District – West Side Intake Concept

Summary: Gary Darling, General Manager of the Delta Diablo Sanitation District located in Antioch, will make a presentation that supports a request to analyze a new Delta water supply from the western Delta that could supplement or replace portions of the water supply obligations of the State Water Project and/or the Central Valley Project.

Background

Delta Diablo Sanitation District (DDSD) has submitted three letters to the Delta Planning process since 2008. The June 2011, letter is attached. DDSD has completed technical studies that indicate there is an opportunity to divert water from the western Delta when protected aquatic species are not present; typically when X-2 has moved towards the central Delta. While the available water supply contains higher salts, the cost of treating the water has been reduced significantly over the past decade. Their concept is designed to be very scalable leading to a potential of starting in the near future with a small project and expanding it when additional real time monitoring and cost data are collected.

They believe that because the Delta is increasingly susceptible to salinity intrusion caused by levee failure, dry year or low flow periods, and sea level rise. Including a diversion point(s) for the state and federal projects with treatment capabilities to remove salts and other constituents of concern in the western Delta would be very strategic in the Delta Planning process. They recommend the concept should be analyzed within the context of a range of solutions, namely: from a highly reliable supplemental supply point used after a levee breaks in conjunction with other alternatives being studied, to a diversion and treatment alternative that could produce new yield from the Delta during periods when protected aquatic species are not present.

List of Attachments

Attachment 1: June 30, 2011 Comment Letter on the Fourth Draft of the Delta Plan

Contact

Angela D'Ambrosio
Special Assistant to the Executive Officer

Phone: (916) 445-5797