

**DESCRIPTION**

Suisun Slough flows through Suisun Marsh, the largest contiguous brackish water marsh on the west coast. It is a resting and feeding ground for waterfowl migrating on the Pacific Flyway, and provides essential habitat for many bird, mammal, amphibian, and fish species, as well as endemic plants. Marsh management influences salt water intrusion into the San Joaquin/Sacramento Delta.

The watershed is affected by increased hydromodification. Prior to reaching the Marsh, Suisun Creek flows through increasingly urbanized areas and through a series of tributaries flows to Suisun Slough.



Suisun Marsh

(Photo courtesy Calif. Dept. of Fish & Game,

<http://www.delta.dfg.ca.gov/suisunmarsh/charter/>).

**REASON FOR CCA IDENTIFICATION**

Suisun Slough is a 2002 303(d)-listed **impaired waterbody that is adjacent to a wildlife area** (the managed and natural brackish water wetlands of Suisun Marsh, Grizzly Island Wildlife Area).

**POLLUTED RUNOFF CONDITIONS**

	Top 5 Runoff Pollutants of Concern				Efforts to Address Pollutants (See next page)	
	<u>2002 303(d)-Listed Pollutants</u> TMDL Priority (& Proposed Completion)	<u>Other Pollutants of Concern</u>				
<b>Selected Coastal Waterbodies</b>	<b><u>Diazinon</u></b>	?	?	?	?	
Suisun Slough ▲	▲ High (2004)					a
<b>Potential Sources of Pollutants in Coastal Waterbodies</b>						
<b>Agriculture</b>						b
<b>Forestry (Silviculture)</b>						
<b>Urban Areas</b>						
➤ Urban Runoff/ Storm Sewers	▲					a, c
<b>Marinas &amp; Boating</b>						
<b>Hydromodification</b>						
<b>Wetlands &amp; Riparian Areas</b>						b, d, e

## Suisun Slough CCA

### MAJOR EFFORTS TO IMPLEMENT NPS MANAGEMENT MEASURES

<b>a)</b>	<b>Diazinon and Pesticide-Related Toxicity in Bay Area Urban Creeks, Water Quality Attainment Strategy and TMDL (2004)</b>	<a href="http://www.swrcb.ca.gov/rwqcb2/urbancrksdiazinontmdl.htm">http://www.swrcb.ca.gov/rwqcb2/urbancrksdiazinontmdl.htm</a>
	San Francisco Bay Regional Water Quality Control Board	Tom Mumley (510) 622-2395 <a href="mailto:tmumley@waterboards.ca.gov">tmumley@waterboards.ca.gov</a>
	➤ Draft implementation strategy for diazinon Total Maximum Daily Load (TMDL) in Bay Area urban creeks.	
<b>b)</b>	<b>Suisun Creek Watershed Program (2003 &amp; 2004 grant)</b>	
	California Sportfishing Protection Alliance	Laurel Marcus (510) 832-3101 <a href="mailto:laurelm@ix.netcom.com">laurelm@ix.netcom.com</a>
	➤ In conjunction with local landowners and agencies, monitored water quality and temperature, summer flow, stream channel and riparian corridor conditions; also completed a watershed assessment for the overall watershed.	
<b>c)</b>	<b>Regional Stormwater Monitoring and Urban BMP Evaluation: A Stakeholder-Driven Partnership to Reduce Contaminant Loadings</b>	<a href="http://www.sfei.org/">http://www.sfei.org/</a>
	San Francisco Estuary Institute	(510) 746-7334 <a href="mailto:webfeedback@sfei.org">webfeedback@sfei.org</a>
	➤ Project aims to improve our understanding of effectiveness of stormwater management and helps prioritize implementation of further efforts to improve water quality.	
<b>d)</b>	<b>Wetland Design and Management Options for Control of Mercury in San Francisco Bay</b>	<a href="http://www.abag.ca.gov/">http://www.abag.ca.gov/</a>
	Association of Bay Area Governments	(510) 464-7900 <a href="mailto:webmaster@abag.ca.gov">webmaster@abag.ca.gov</a>
	➤ Project to identify specific, practical measures to substantially reduce methylation of mercury in the Bay and to produce a Wetland Implementation Report as element in the Implementation Plan for the Bay mercury TMDL Plan.	
<b>e)</b>	<b>Suisun Marsh Charter</b>	<a href="http://www.delta.dfg.ca.gov/suisunmarsh/charter/">http://www.delta.dfg.ca.gov/suisunmarsh/charter/</a>
	Calif. Dept. Fish & Game, and partners	
	➤ Agency managers with primary responsibility for actions in Suisun Marsh formed a Charter Group to develop an implementation plan for Suisun Marsh that would protect and enhance Pacific Flyway and existing wildlife values, endangered species, and water-project supply quality.	

### REGULATORY/PLANNING JURISDICTIONS

➤ Solano County, Environmental Management, Planning Services	<a href="http://www.co.solano.ca.us/SubSection/SubSection.asp?NavID=235">http://www.co.solano.ca.us/SubSection/SubSection.asp?NavID=235</a>	Mike Yankovich	(707) 421-6765	<a href="mailto:myankovich@solanocounty.com">myankovich@solanocounty.com</a>
➤ Solano Resource Conservation District	<a href="http://www.solanored.org/">http://www.solanored.org/</a>	Jodie Salz	(707) 678-1655	<a href="mailto:Jodie.Salz@ca.nacdnet.net">Jodie.Salz@ca.nacdnet.net</a> <a href="mailto:mail@solanored.org">mail@solanored.org</a>
➤ San Francisco Bay Conservation and Development Commission	<a href="http://www.bcdc.ca.gov/">http://www.bcdc.ca.gov/</a>	Lindy Lowe	(415) 352-3642	<a href="mailto:lindyl@bcde.ca.gov">lindyl@bcde.ca.gov</a>
➤ Calif. Coastal Commission, Water Quality Unit	<a href="http://www.coastal.ca.gov/nps/npsndx.html">http://www.coastal.ca.gov/nps/npsndx.html</a>	Lisa Sniderman	(415) 904-5270	<a href="mailto:lsniderman@coastal.ca.gov">lsniderman@coastal.ca.gov</a>
➤ San Francisco Bay Regional Water Quality Control Board	<a href="http://www.waterboards.ca.gov/sanfranciscobay/">http://www.waterboards.ca.gov/sanfranciscobay/</a>	Jolanta Uchman & Bill Johnson	(510) 622-2432 622-2432	<a href="mailto:juchman@waterboards.ca.gov">juchman@waterboards.ca.gov</a> <a href="mailto:wjohnson@waterboards.ca.gov">wjohnson@waterboards.ca.gov</a>
➤ State Water Resources Control Board	<a href="http://www.waterboards.ca.gov/">http://www.waterboards.ca.gov/</a>	Heidi Hall	(916) 323-2871	<a href="mailto:hhall@waterboards.ca.gov">hhall@waterboards.ca.gov</a>
➤ California Coastal Conservancy	<a href="http://www.coastalconservancy.ca.gov/">http://www.coastalconservancy.ca.gov/</a>	Nadine Hitchcock	(510) 286-4176	<a href="mailto:nhitchcock@scc.ca.gov">nhitchcock@scc.ca.gov</a>
➤ Calif. Dept. of Fish & Game, Region 3	<a href="http://www.dfg.ca.gov/">http://www.dfg.ca.gov/</a>	Bill Cox	(707) 944-5500	<a href="mailto:bcox@dfg.ca.gov">bcox@dfg.ca.gov</a>

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➤ Department of Water Resources	<a href="http://wwdwr.water.ca.gov/">http://wwdwr.water.ca.gov/</a>	Terri Gaines	(916) 227-7522	<a href="mailto:tgaines@water.ca.gov">tgaines@water.ca.gov</a>
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