

DESCRIPTION

Novato Creek is a perennial stream that extends about 17 miles from its headwaters at Stafford Dam to San Pablo Bay. Areas near the Bay are largely salt marsh and leveed wetlands. The stream system supports steelhead and other native fishes.

Upper areas are impacted by effects of the dam and by bank and terrace erosion from grazing practices. Mid to lower reaches are heavily urbanized and impacted by Nonpoint Source (NPS) pollution from storm drains, construction runoff, bank and terrace erosion, and hydromodification (bank stabilization).



San Pablo Bay National Wildlife Refuge

(Photo courtesy Friends of the San Pablo Bay National Wildlife Refuge, <http://www.pickleweed.org/>).

REASON FOR CCA IDENTIFICATION

Novato Creek is a 2002 303(d)-listed **impaired waterbody that is adjacent to a Wildlife Refuge** (the San Pablo Bay National Wildlife Refuge, Pacheco Pond Wildlife Preserve, and a planned wetland restoration area at Bel Marin Keys).

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 Concern¹</u>				
Selected Coastal Waterbodies	<u>Diazinon</u>	<u>Sediment</u>	?	?	?	
Novato Creek ▲	▲ High (2004)	▲				a, b, c, d, e, f
Bowman, Simmons, Warner, & Arroyo Avichi tributaries ■		■				a, b, c, d, e
Potential Sources of Pollutants in Coastal Waterbodies						
Agriculture		▲■				c, d, e
Forestry (Silviculture)						
Urban Areas						
➤ Urban Runoff/ Storm Sewers	▲	▲■				a, b, e, f
Marinas & Boating						
Hydromodification		▲■				c, d, e, f
Wetlands & Riparian Areas		▲				c, d, e, f

¹ Information on sediment as a pollutant of concern is from the San Francisco Bay Regional Water Quality Control Board.

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MAJOR EFFORTS TO IMPLEMENT NPS MANAGEMENT MEASURES

a)	Marin County Pollution Prevention Program (MCSTOPPP) Stormwater Management Plan: Action Plan 2005		http://mcstoppp.org/action.htm
	Marin County Department of Public Works	Liz Lewis	(415) 499-7226 lizlewis@co.marin.ca.us
	➤ Urban stormwater action plan for Marin County and City of Novato; variety of programs to address NPS pollution, including monitoring, inspections, illicit discharge program, operations and maintenance, and public outreach.		
b)	Diazinon and Pesticide-Related Toxicity in Bay Area Urban Creeks, Water Quality Attainment Strategy and TMDL (2004)		http://www.swrcb.ca.gov/rwqcb2/urbanerksdiazinontmdl.htm
	San Francisco Bay Regional Water Quality Control Board	Tom Mumley	(510) 622-2395 tmumley@waterboards.ca.gov
	➤ Draft implementation strategy for diazinon Total Maximum Daily Loads (TMDLs) in Bay Area urban creeks.		
c)	Sediment Sources and Fluvial Geomorphic Processes of Lower Novato Creek Watershed (1998)		http://mcstoppp.org/
	Marin County Stormwater Pollution Prevention Program (MCSTOPP)	Liz Lewis	(415) 499-7226 lizlewis@co.marin.ca.us
	➤ Erosion inventory of lower watershed and mainstem Novato Creek to identify priority sites for sediment control and remediation actions.		
d)	Novato Creek Watershed Erosion Inventory and Sediment Control Plan (2001)		http://mcstoppp.org/
	Marin County Stormwater Pollution Prevention Program (MCSTOPP)	Liz Lewis	(415) 499-7226 lizlewis@co.marin.ca.us
	➤ Erosion inventory of upper watershed and mainstem Novato Creek to identify priority sites for sediment control and remediation actions.		
e)	MCSTOPPP Aquatic Macroinvertebrate Sampling Program		http://www.mywatershed.org/bmi/
	Marin County Stormwater Pollution Prevention Program (MCSTOPP)	Liz Lewis	(415) 499-7226 lizlewis@co.marin.ca.us
	➤ Creek assessment program.		
f)	Novato Creek Bank Stabilization Project		http://mcstoppp.org/
	Marin County Stormwater Pollution Prevention Program (MCSTOPP)	Liz Lewis	(415) 499-7226 lizlewis@co.marin.ca.us
	➤ Proposed project to implement bank stabilization and erosion control projects along central reach of Novato Creek, from Diablo to Grant, anticipated construction summer 2005.		

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REGULATORY/PLANNING JURISDICTIONS

➤ City of Novato, Community Development Dept.	http://www.ci.novato.ca.us/cd/index.cfm	Carol Branan	(415) 897-4341	cd@ci.novato.ca.us
➤ Marin County Stormwater Pollution Prevention Program	http://mcstoppp.org/	Liz Lewis	(415) 499-7226	lizlewis@co.marin.ca.us
➤ Marin County, Community Development Dept.	http://www.co.marin.ca.us/depts/CD/main/index.cfm	Thomas Lai	(415) 499-6292	tlai@co.marin.ca.us
➤ Marin County Resource Conservation District	http://www.sonomarinrcds.org/district-mc/info.html	Nancy Scolari	(415) 663-1170	marinrcd@svn.net
➤ San Francisco Bay Conservation and Development Commission	http://www.bcdc.ca.gov	Lindy Lowe	(415) 352-3642	lindyl@bcdc.ca.gov
➤ Calif. Coastal Commission, Water Quality Unit	http://www.coastal.ca.gov/nps/npsndx.html	Lisa Sniderman	(415) 904-5270	lsniderman@coastal.ca.gov
➤ San Francisco Bay Regional Water Quality Control Board	http://www.waterboards.ca.gov/sanfranciscobay/	Bill Johnson	(510) 622-2354	wjohnson@waterboards.ca.gov
➤ State Water Resources Control Board	http://www.waterboards.ca.gov/	Heidi Hall	(916) 323-2871	hhall@waterboards.ca.gov
➤ California Coastal Conservancy	http://www.coastalconservancy.ca.gov/	Nadine Hitchcock	(510) 286-4176	nhitchcock@scc.ca.gov
➤ Calif. Dept. of Fish & Game, Region 3	http://www.dfg.ca.gov/	Bill Cox	(707) 944-5500	bcox@dfg.ca.gov