

SWAMP Safe-to-Swim Study, Labor Day 2008 -Before, During and After Labor Day Cottonwood Creek at Interstate 5 Bridge (508SHA900)

August 27, 2008 13:57PM

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August 31, 2008 13:12PM

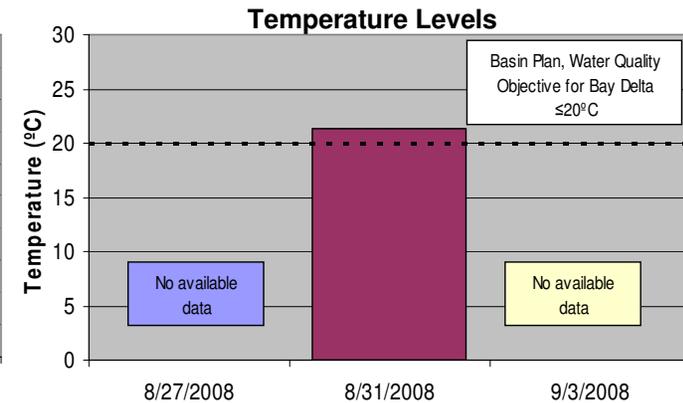
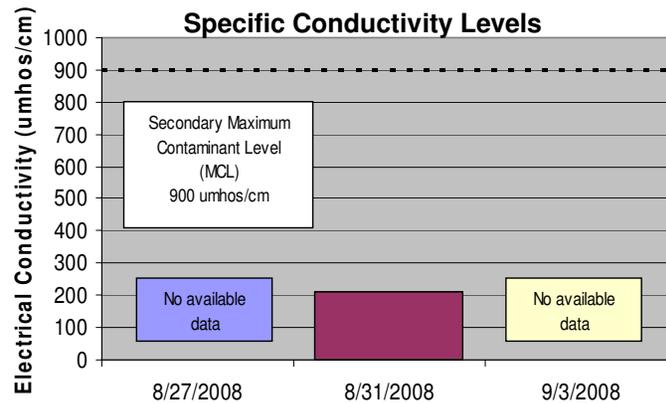
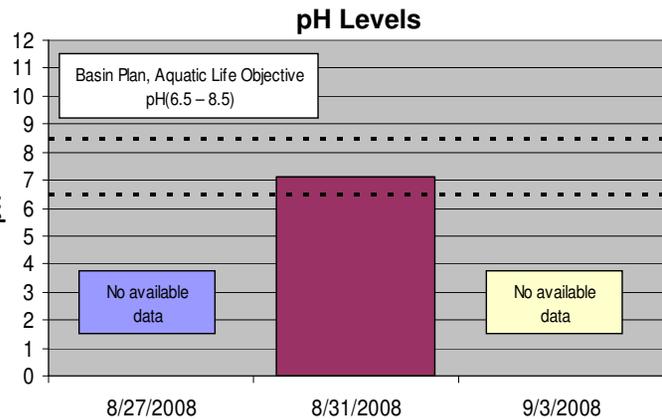
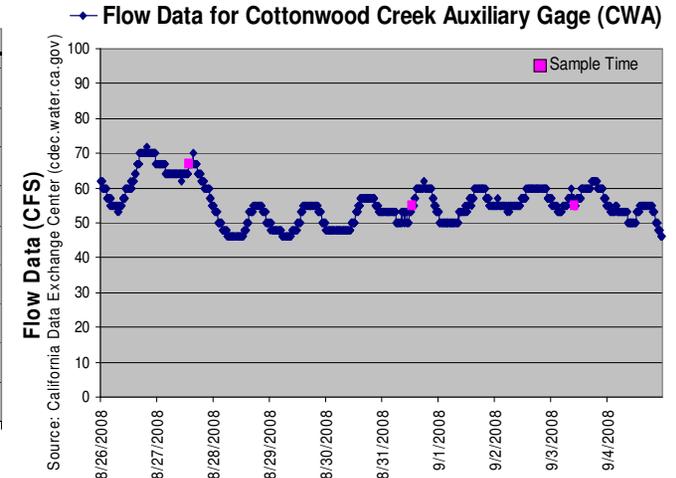
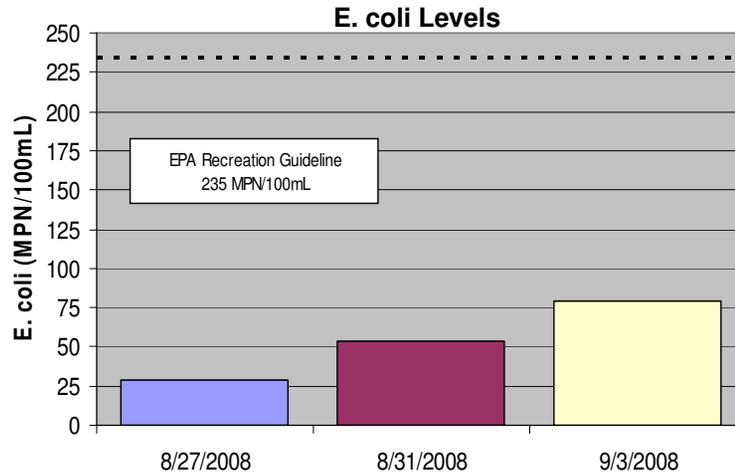


September 3, 2008 10:13AM

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The Central Valley Regional Water Quality Control Board (CVRWQCB) conducted a region-wide Recreation Beneficial Use study, using *E. coli* as an indicator, with a guideline of 235 MPN/100mL. Funding for this study was made possible through the Surface Water Ambient Monitoring Program (SWAMP). Assistance with field collection was provided by a number of local watershed groups. Summary sheets for all sites included in this study can be found at:

http://www.waterboards.ca.gov/centralvalley/water_issues/water_quality_studies/surface_water_ambient_monitoring/index.shtml



DRAFT DATA – SWAMP Safe-to-Swim Study, Labor Day 2008

Description of Sample Site: Cottonwood Creek at Interstate 5 Bridge
 SWAMP Site ID: 508SHA900
 Watershed: Cottonwood Creek Watershed
 County: Shasta
 Longitude: -122.285100
 Latitude: 40.377137

Constituent	Water Quality Guideline	Wednesday August 27, 2008	Sunday August 31, 2008	Wednesday September 3, 2008
E. coli (MPN/100 mL)	<235 MPN/100mL (EPA Contact Recreation Guideline)	29.2	53.7	79.4
Specific Conductivity (umhos/cm)	≤900 umhos/cm (Secondary Maximum Contaminant Level)	n/a	212.1	n/a
pH	6.5-8.5 (Basin Plan Objective)	n/a	7.12	n/a
Temperature (° Celsius)	≤20 °C (Basin Plan Objective for Bay-Delta)	n/a	21.4	n/a

•NOTES: Shaded table cells contain values that do not meet the water quality guidelines.