

SWAMP Safe-to-Swim Study, Labor Day 2008 -Before, During and After Labor Day Ten Mile Creek at Hume Lake (552HUM020)

August 27, 2008 14:55PM



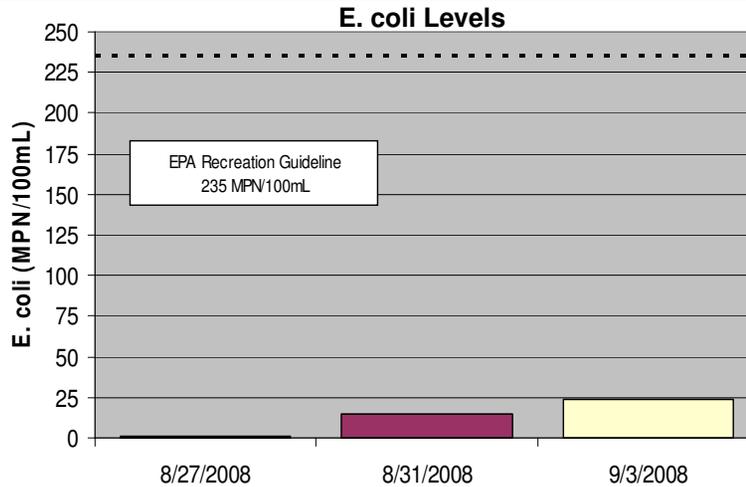
August 31, 2008 14:01PM



September 3, 2008 12:30PM



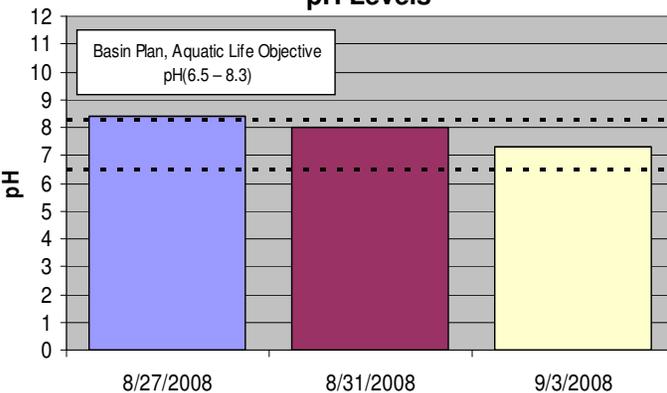
The Central Valley Regional Water Quality Control Board (CVRWQCB) conducted a region-wide Recreation Beneficial Use study, using *E. coli* as an indicator, with a guideline of 235 MPN/100mL. Funding for this study was made possible through the Surface Water Ambient Monitoring Program (SWAMP). Assistance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



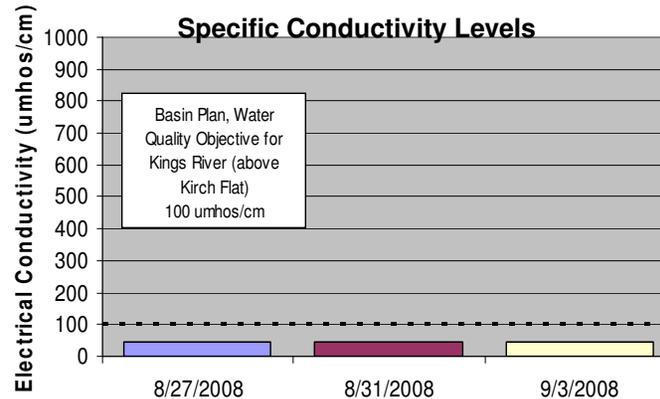
Summary sheets for all sites included in this study can be found at:

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

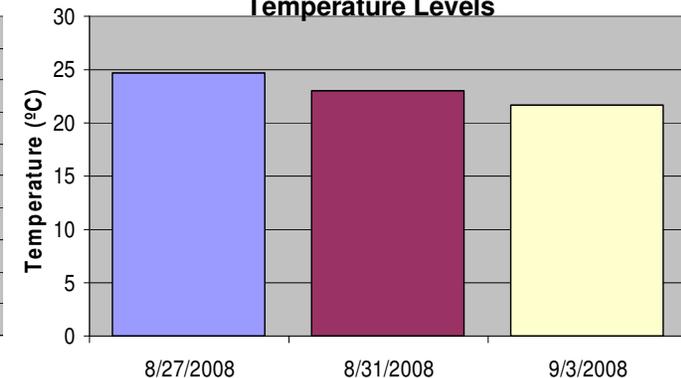
pH Levels



Specific Conductivity Levels



Temperature Levels



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

Description of Sample Site: Ten Mile Creek at Hume Lake
 SWAMP Site ID: 552HUM020
 Watershed: South Fork Kings River Watershed
 County: Fresno
 Longitude: -118.90042
 Latitude: 36.786778

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)	1	14.4	23.8
Specific Conductivity (umhos/cm)	≤100 umhos/cm (Basin Plan, Water Quality Objective for Kings River, above Kirch Flat)	44.2	44.7	44.0
pH	6.5-8.3 (Basin Plan Objective)	8.40	8.00	7.31
Temperature (° Celsius)	None available	24.7	23.1	21.7

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