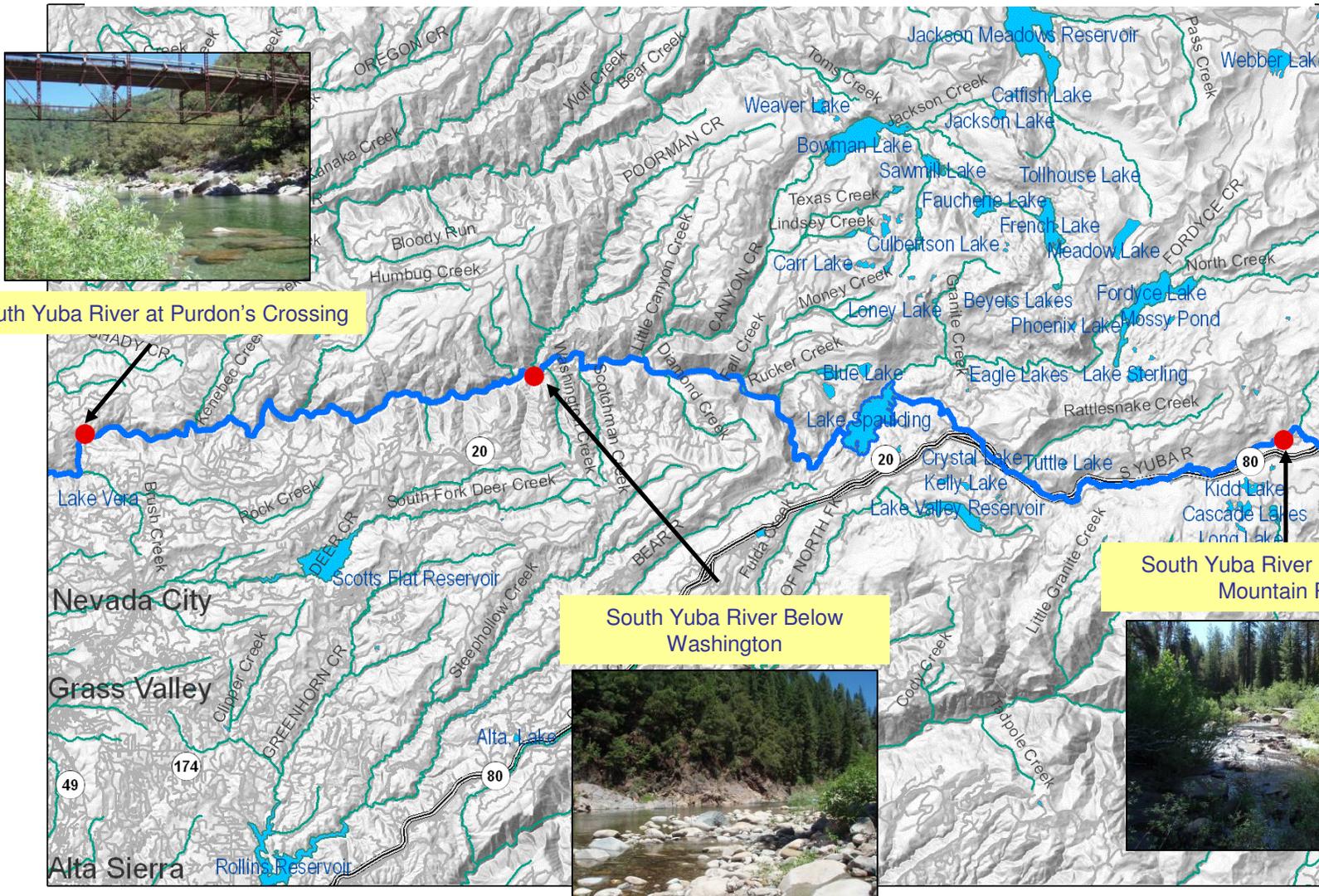


# 2009 SWAMP Safe-To-Swim Study

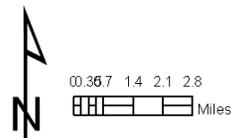
## Sample Sites for the South Yuba River Watershed (Nevada County)



South Yuba River at Purdon's Crossing

South Yuba River Below Towle Mountain Road

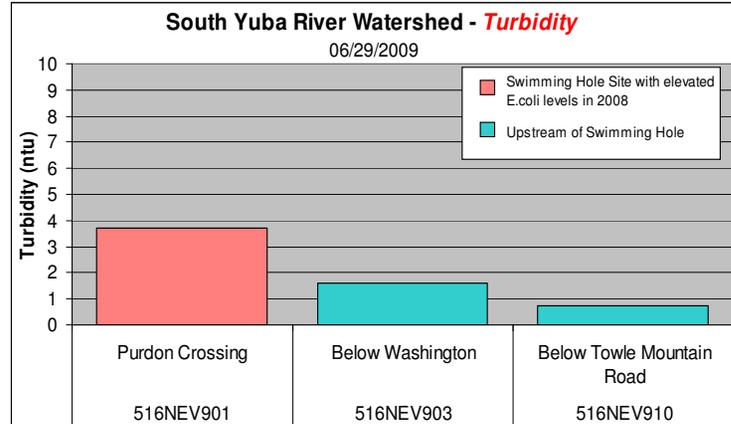
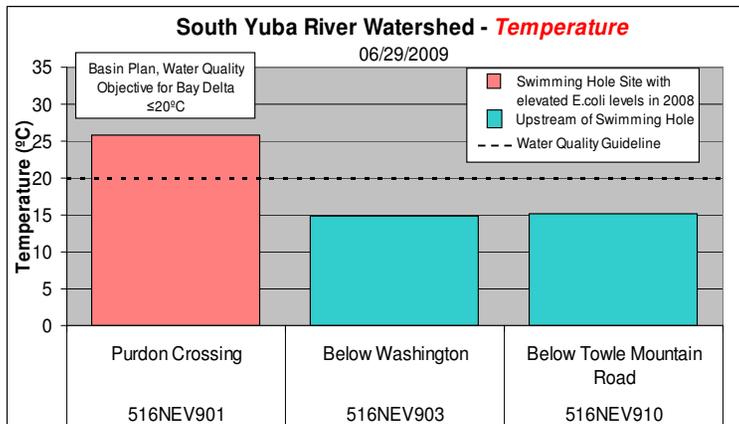
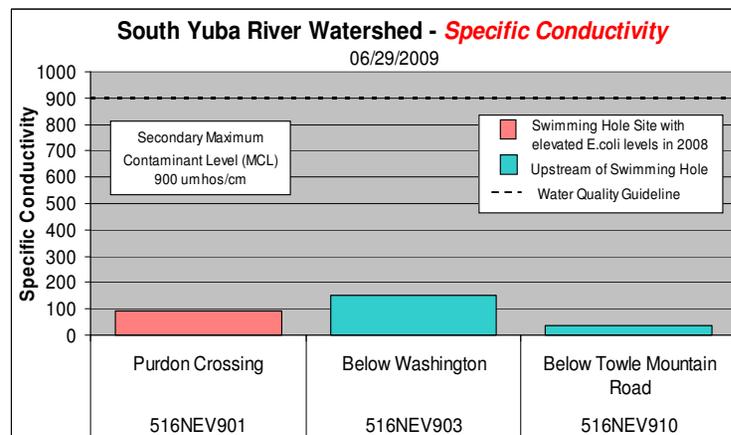
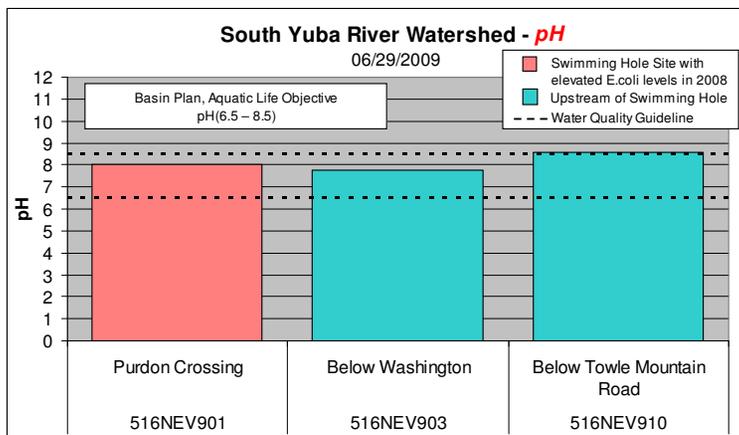
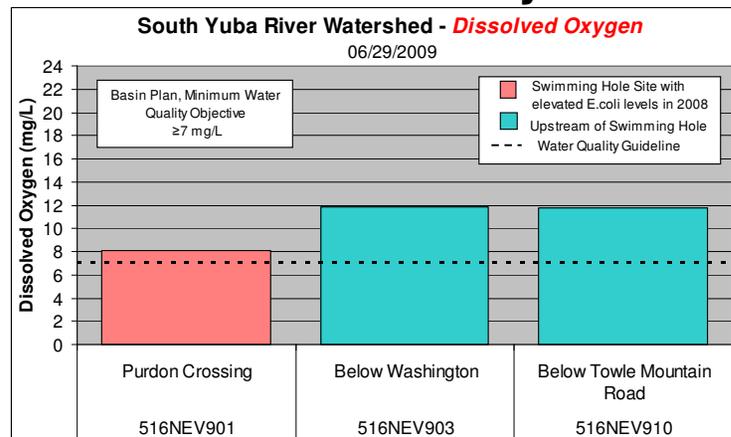
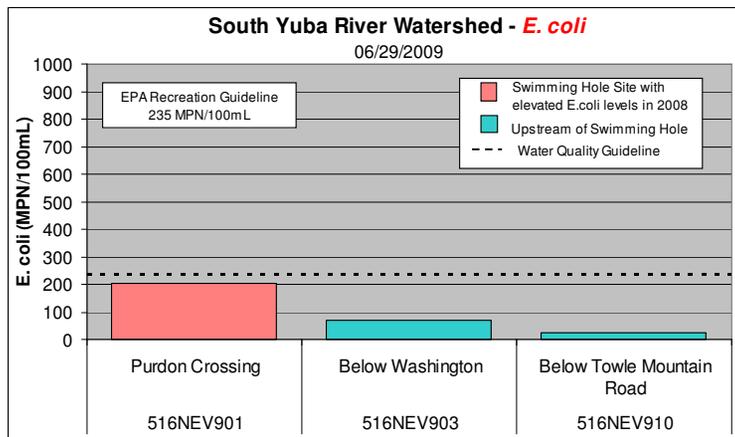
South Yuba River Below Washington



**LEGEND**

- South Yuba Watershed sites
- South Yuba River
- Other Creeks and Rivers
- Lakes

# DRAFT DATA – 2009 SWAMP Safe-to-Swim Study



# DRAFT DATA – 2009 SWAMP Safe-to-Swim Study

Constituent	Water Quality Guideline	South Yuba River Watershed Sample Sites		
		Purdon Crossing	Below Washington	Below Towle Mountain Road
Total Coliform (MPN/100mL)	NA	>2419.6	1413..6	770.1
E. coli (MPN/100 mL)	<235 MPN/100mL (EPA Contact Recreation Guideline)	204.6	71.2	26.2
E. coli O157:H7 (positive/negative)	NA	negative	negative	negative
Cryptosporidium (oocyst/L)	NA	0	No sample taken	No sample taken
Giardia (cyst/L)	NA	0	No sample taken	No sample taken
Salmonella (MPN/100mL)	NA	<2.2	No sample taken	No sample taken
Nitrogen, Total Nitrate-N (mg/L)	≤10 mg/L (Primary Maximum Contaminant Level) <sup>1</sup>	<0.050	<0.050	<0.050
Nitrogen, Total Kjeldahl (mg/L)	NA	<0.50	<0.50	<0.50
Nitrogen, Ammonia-N (mg/L)	NA	<0.20	<0.20	<0.20
Phosphate, Total-P (mg/L)	NA	<0.020	0.037	<0.020
Phosphate, Ortho-P (mg/L)	NA	<0.010	0.0293	<0.010
Dissolved Oxygen (mg/L)	≥7 mg/L (Basin Plan Objective) <sup>2</sup>	8.09	11.90	11.73
pH	6.5-8.5 (Basin Plan Objective) <sup>2</sup>	8.04	7.77	8.55
Specific Conductivity (umhos/cm)	≤900 umhos/cm (Secondary Maximum Contaminant Level) <sup>1</sup>	93	153	36
Temperature (° Celsius)	≤20 °C (Basin Plan Objective for Bay-Delta) <sup>2</sup>	25.87	14.86	15.12
Turbidity (ntu)	NA	3.7	1.59	0.75

Shaded cell = Does not meet Water Quality Guideline    1 - Drinking Water    2- Aquatic Life