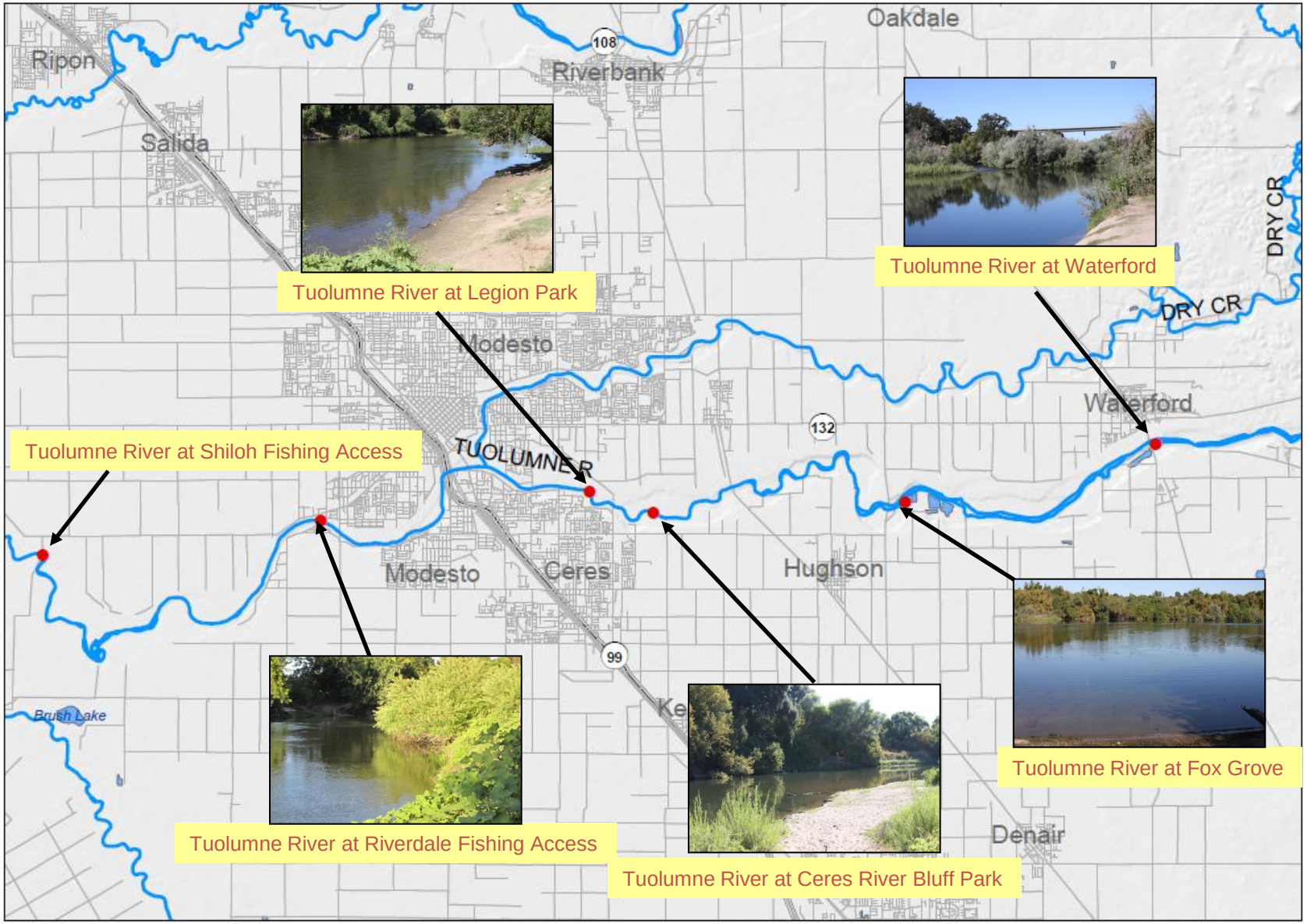
SWAMP Safe-To-Swim Study August-September 2010

Sample Site for the Lower Tuolumne River Watershed (*Stanislaus County)*



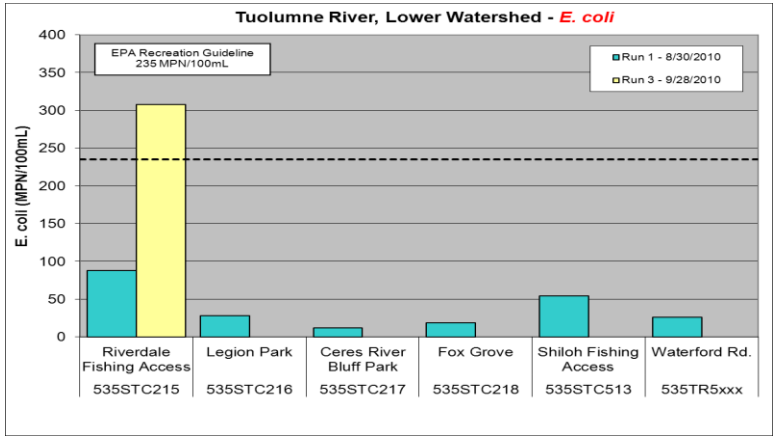
0 1.25 2.5 Miles

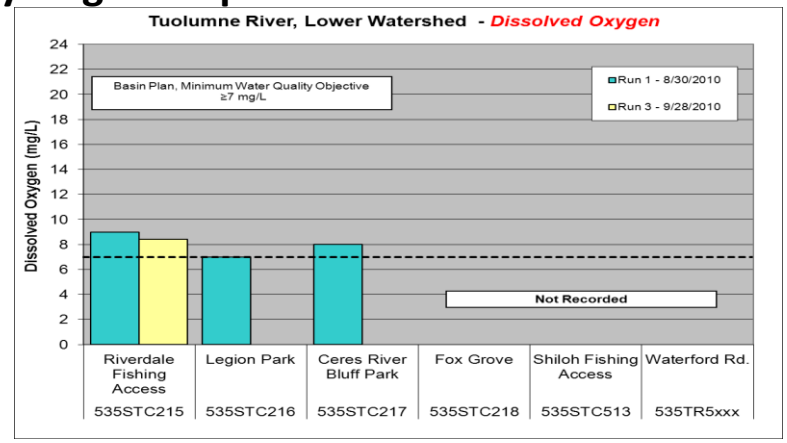
LEGEND

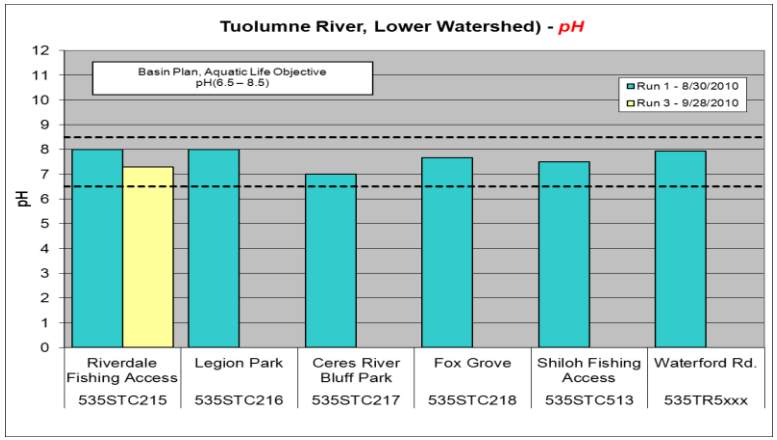
Lower Tuolumne River sites

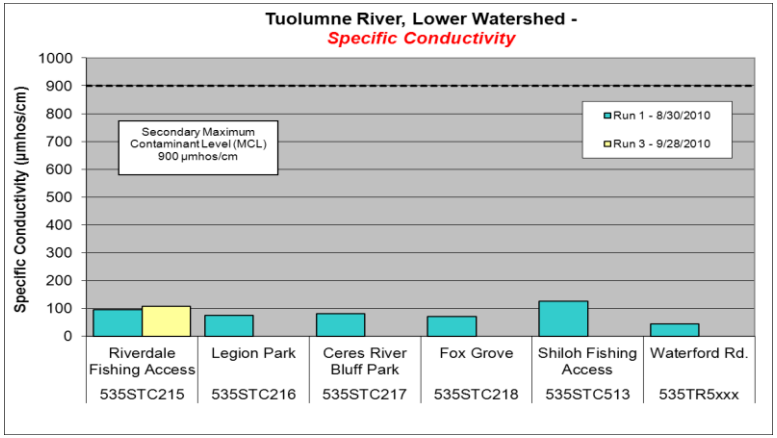
Waterbodies

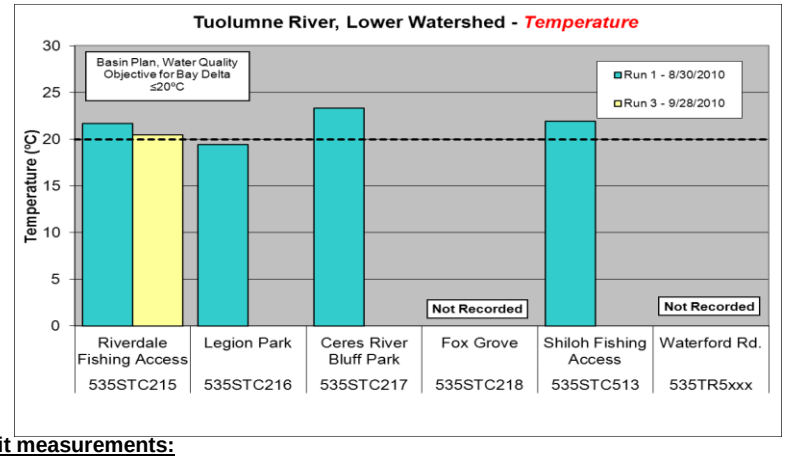
DRAFT DATA –SWAMP Safe-to-Swim Study August-September 2010

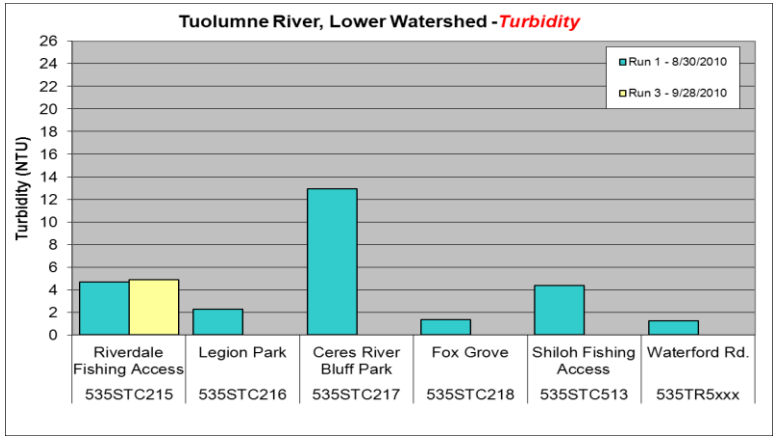












Unit measurements:

MPN/100mL = *Most Probable Number per 100 milliliters* mg/L = *milligrams per Liter* µmhos/cm = *micromhos per centimeter* ºC = *degrees Celcius* NTU = *Nephelometric Turbidity Units*

DRAFT DATA – SWAMP Safe-to-Swim Study August-September 2010

Constituent	Water Quality Guideline	Sample Date	Tuolumne River, Lower Watershed Sample Sites					
			Riverdale Fishing Access	Legion Park	Ceres River Bluff Park	Fox Grove	Shiloh Fishing Access	Waterford Road
Total Coliform (MPN/100mL)	NA	8/30/2010	>2419.6	>2419.6	>2419.6	1986.3	>2419.6	1732.9
		9/28/2010	>2419.6	NA	NA	NA	NA	NA
E. coli (MPN/100 mL)	<235 MPN/100mL (USEPA Contact Recreation Guideline)	8/30/2010	88	27.9	12.1	18.5	54.6	26.2
		9/28/2010	307.6	NA	NA	NA	NA	NA
Dissolved Oxygen (mg/L)	≥7 mg/L (Basin Plan Objective)[2]	8/30/2010	9	7	8	NA	NA	NA
		9/28/2010	8.41	NA	NA	NA	NA	NA
pH	6.5-8.5 (Basin Plan Objective)[2]	8/30/2010	8	8.00	7	7.67	7.5	7.93
		9/28/2010	7.3	NA	NA	NA	NA	NA
Specific Conductivity (µmhos/cm)	≤900 µmhos/cm (Secondary Maximum Contaminant Level)[1]	8/30/2010	94.65	74.92	79.98	70.61	125.4	43.77
		9/28/2010	108	NA	NA	NA	NA	NA
Temperature (° Celsius)	≤20 °C (Basin Plan Objective for Bay-Delta)[2]	8/30/2010	21.67	19.4	23.3	NA	21.9	NA
		9/28/2010	20.44	NA	NA	NA	NA	NA
Turbidity (NTU)	NA	8/30/2010	4.69	2.26	12.95	1.36	4.4	1.28
		9/28/2010	4.91	NA	NA	NA	NA	NA

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