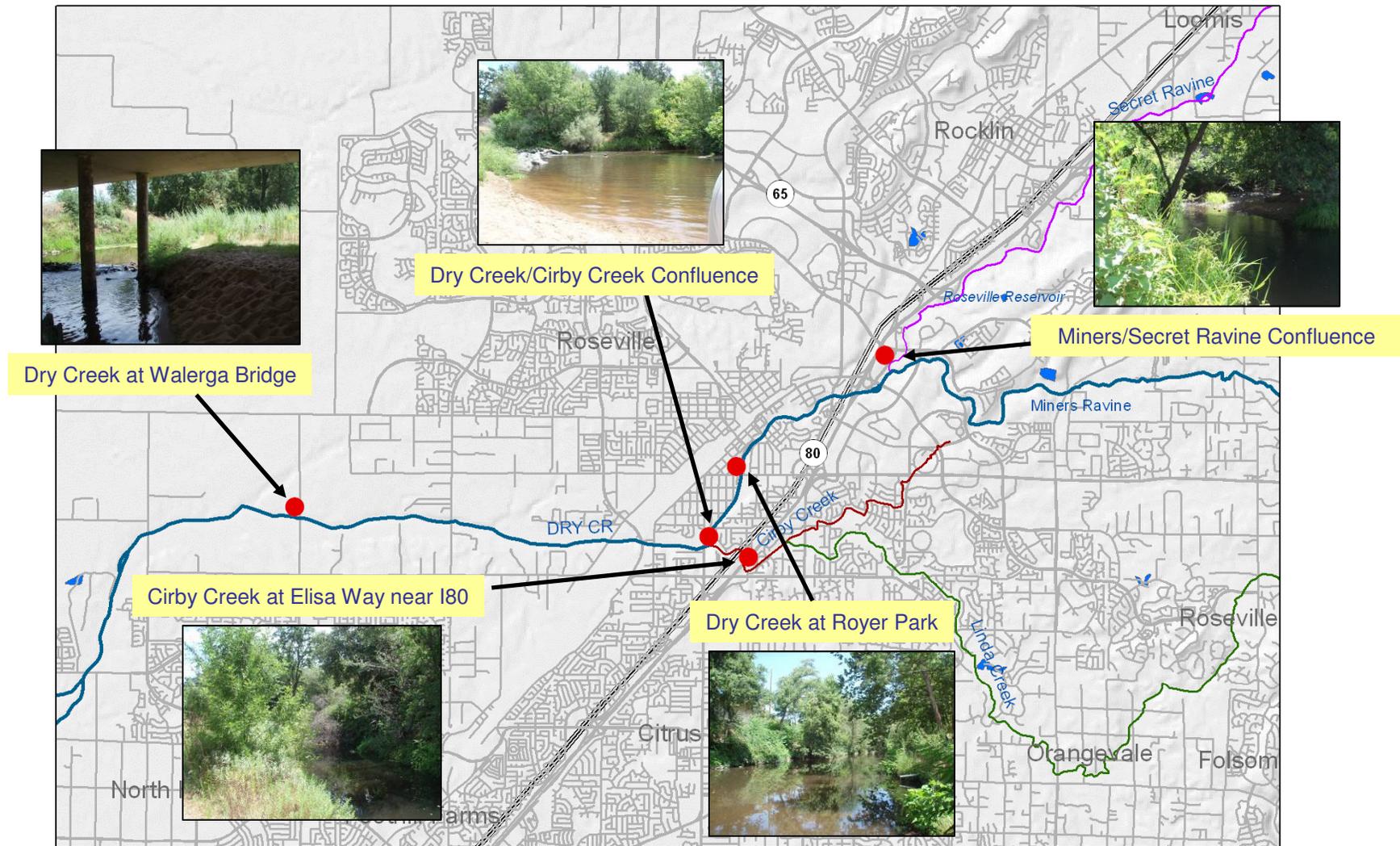


2009 SWAMP Safe-To-Swim Study

Sample Sites for the Dry Creek Watershed (Placer County)

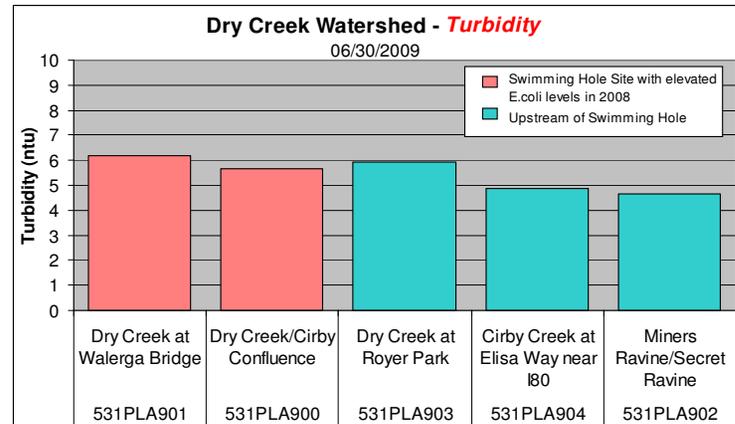
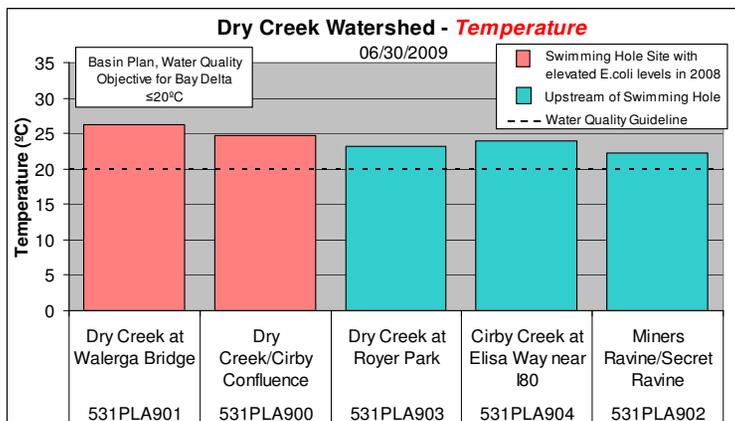
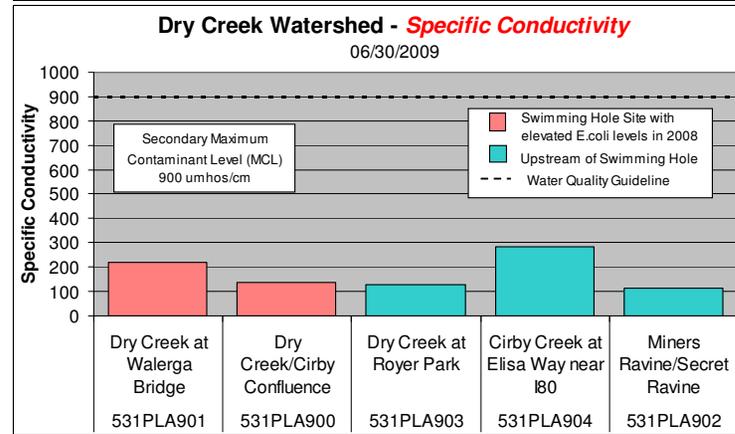
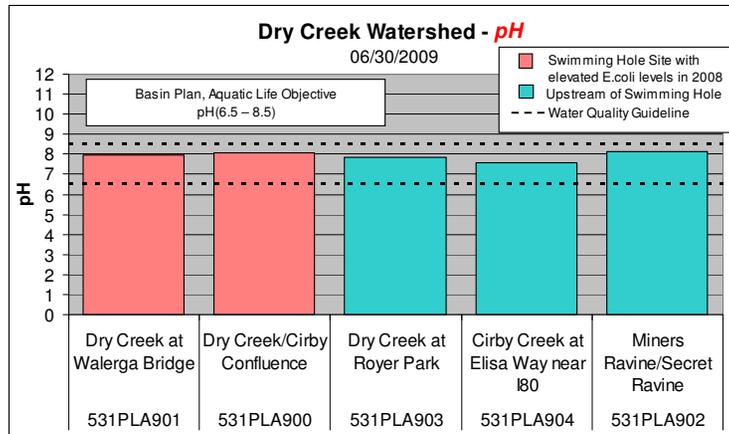
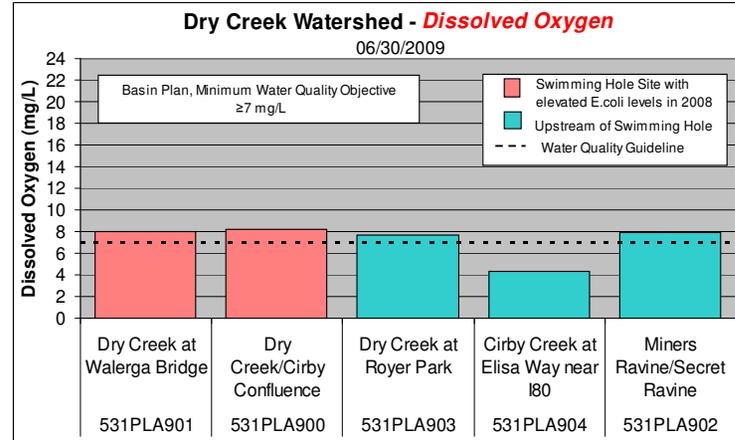
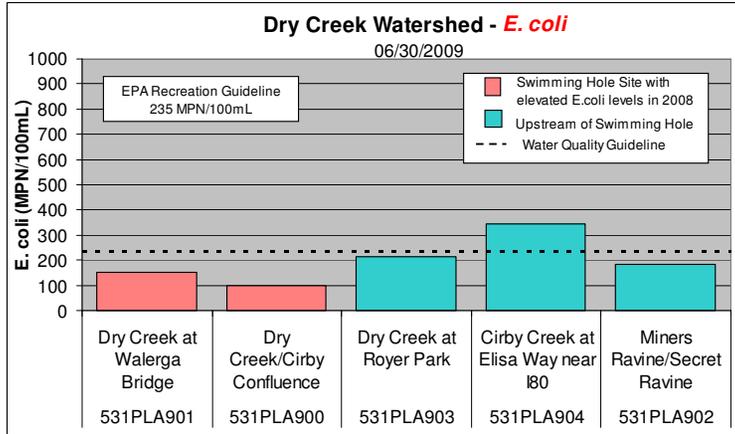


LEGEND

- Dry Creek Watershed sites
- Dry Creek - Miner's Ravine
- Secret Ravine
- Linda Creek
- Cirby Creek



DRAFT DATA – 2009 SWAMP Safe-to-Swim Study



DRAFT DATA – 2009 SWAMP Safe-to-Swim Study

Constituent	Water Quality Guideline	Dry Creek Watershed Sample Sites				
		Dry Creek at Walerga Bridge	Dry Creek/Cirby Confluence	Dry Creek at Royer Park	Cirby Creek at Elisa Way near 180	Miners Ravine/Secret Ravine Confluence
Total Coliform (MPN/100mL)	NA	>2419.6	>2419.6	>2419.6	>2419.6	>2419.6
E. coli (MPN/100 mL)	<235 MPN/100mL (EPA Contact Recreation Guideline)	151.5	98.8	214.3	344.8	185
E. coli O157:H7 (positive/negative)	NA	negative	negative	negative	negative	negative
Cryptosporidium (oocyst/L)	NA	0	0.09	No sample taken	No sample taken	No sample taken
Giardia (cyst/L)	NA	0.444	2	No sample taken	No sample taken	No sample taken
Salmonella (MPN/100mL)	NA	<2.2	5.1	No sample taken	No sample taken	No sample taken
Nitrogen, Total Nitrate-N (mg/L)	≤10 mg/L (Primary Maximum Contaminant Level) ¹	1.4	0.085	0.079	<0.050	0.093
Nitrogen, Total Kjeldahl (mg/L)	NA	0.56	<0.50	<0.50	0.56	<0.50
Nitrogen, Ammonia-N (mg/L)	NA	<0.20	<0.20	<0.20	<0.20	<0.20
Phosphate, Total-P (mg/L)	NA	0.22	0.12	0.11	0.25	0.064
Phosphate, Ortho-P (mg/L)	NA	0.204	0.093	0.0875	0.223	0.0585
Dissolved Oxygen (mg/L)	≥7 mg/L (Basin Plan Objective) ²	8.04	8.25	7.71	4.3	7.92
pH	6.5-8.5 (Basin Plan Objective) ²	7.95	8.05	7.85	7.57	8.12
Specific Conductivity (umhos/cm)	≤900 umhos/cm (Secondary Maximum Contaminant Level) ¹	217	139	129	284	114
Temperature (° Celsius)	≤20 °C (Basin Plan Objective for Bay-Delta) ²	26.26	24.77	23.17	24.00	22.30
Turbidity (ntu)	NA	6.19	5.67	5.94	4.86	4.67

Shaded cell = Does not meet Water Quality Guideline

1 - Drinking Water 2- Aquatic Life