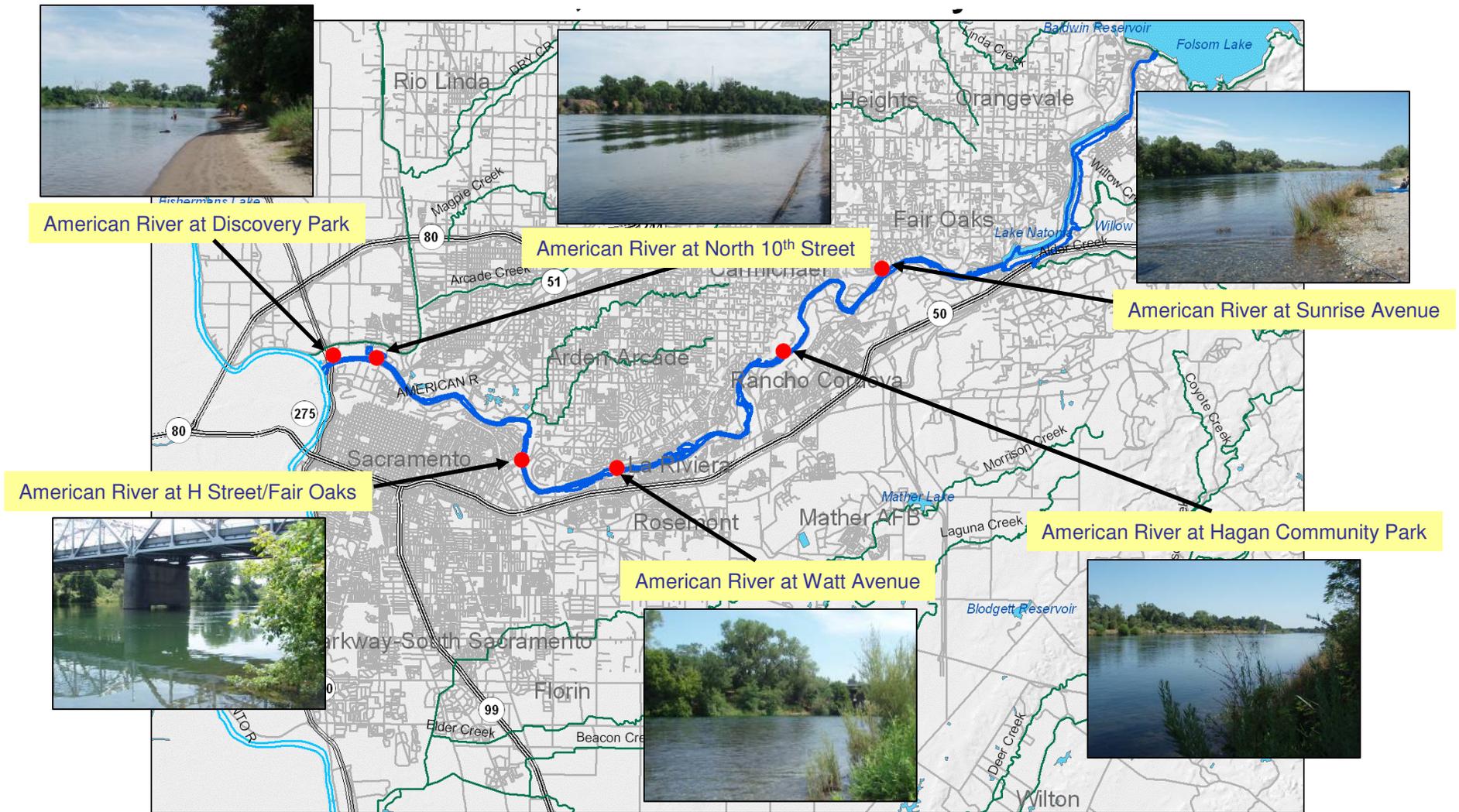
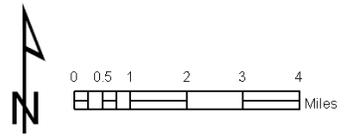


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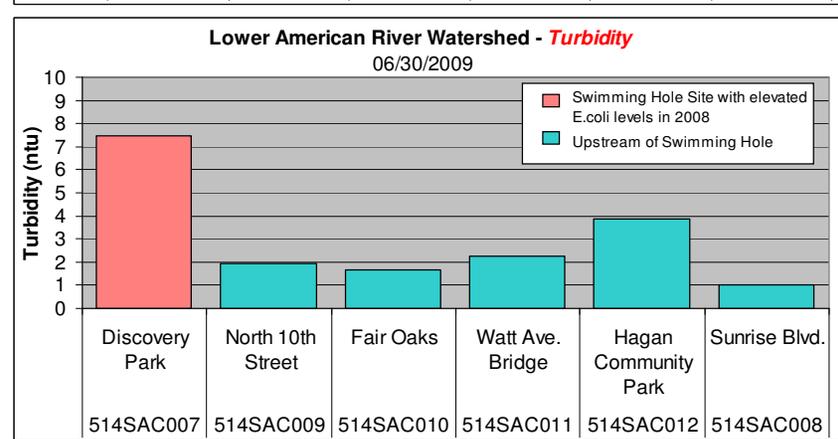
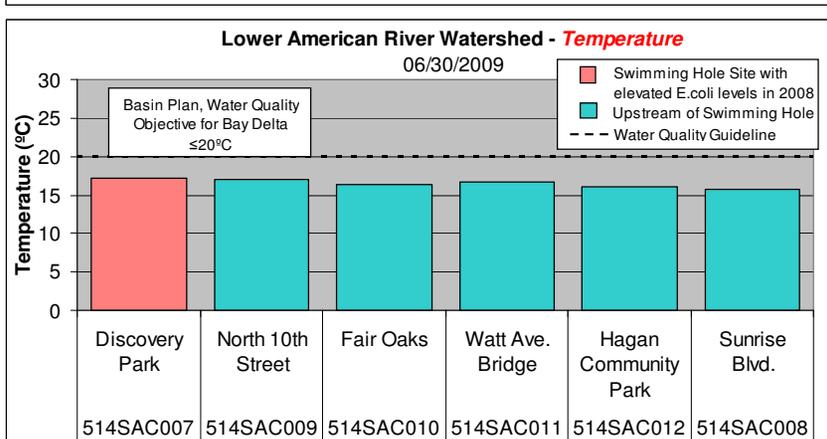
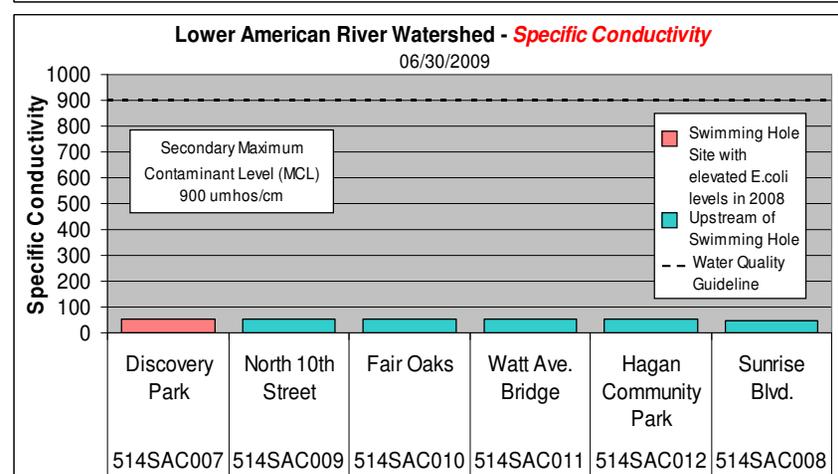
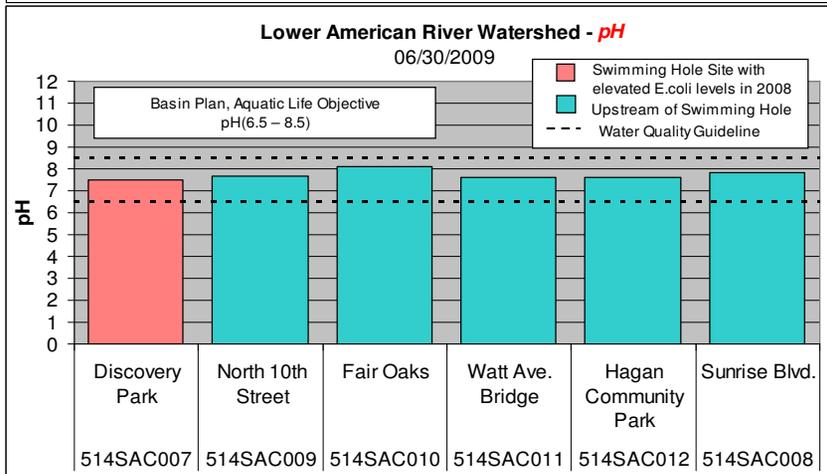
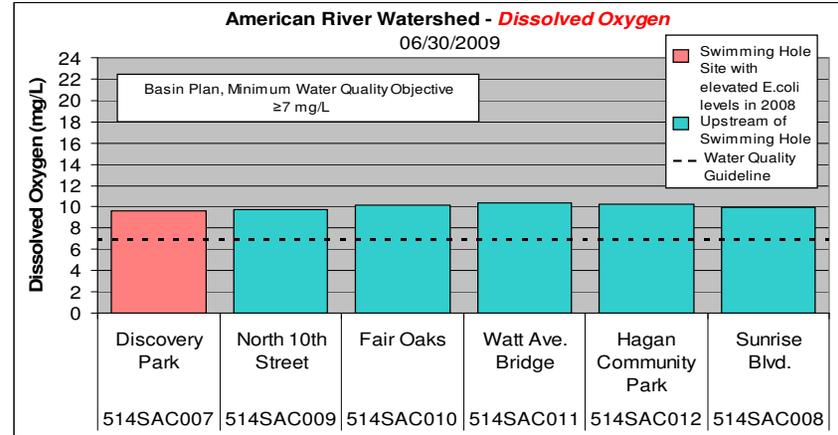
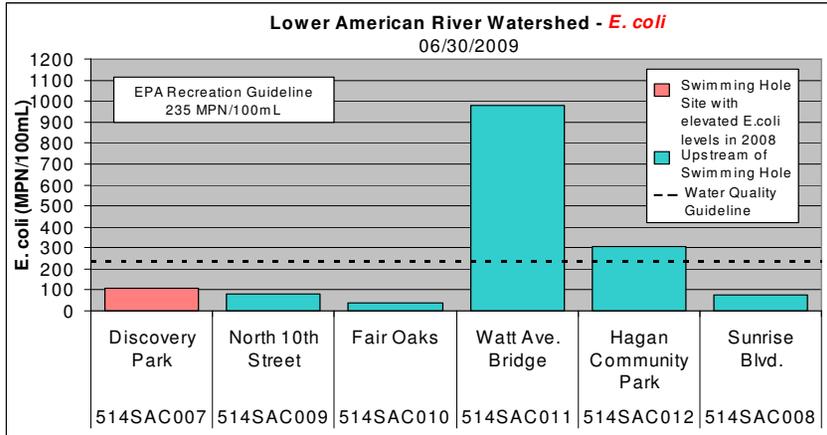
Sample Sites for the Lower American River Watershed (Sacramento County)



- LEGEND**
- American River sites
 - American River
 - Sacramento River
 - Sacramento County Streams
 - Lakes



DRAFT DATA – 2009 SWAMP Safe-to-Swim Study



DRAFT DATA – 2009 SWAMP Safe-to-Swim Study

Constituent	Water Quality Guideline	Lower American River Watershed Sample Sites					
		Discovery Park	North 10th Street	Fair Oaks	Watt Ave. Bridge	Hagan Community Park	Sunrise Blvd.
Total Coliform (MPN/100mL)	NA	>2419.6	>2419.6	>2419.6	>2419.6	>2419.6	1986.3
E. coli (MPN/100 mL)	<235 MPN/100mL (EPA Contact Recreation Guideline)	110	82	36.4	980.4	307.6	74.9
E. coli O157:H7 (positive/negative)	NA	negative	negative	negative	negative	negative	negative
Cryptosporidium (oocyst/L)	NA	0	No sample taken	No sample taken	No sample taken	No sample taken	0
Giardia (cyst/L)	NA	0	No sample taken	No sample taken	No sample taken	No sample taken	0
Salmonella (MPN/100mL)	NA	<2.2	No sample taken	No sample taken	No sample taken	No sample taken	<2.2
Nitrogen, Total Nitrate-N (mg/L)	≤10 mg/L (Primary Maximum Contaminant Level) ¹	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Nitrogen, Total Kjeldahl (mg/L)	NA	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Nitrogen, Ammonia-N (mg/L)	NA	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
Phosphate, Total-P (mg/L)	NA	0.022	<0.020	<0.020	<0.020	<0.020	<0.020
Phosphate, Ortho-P (mg/L)	NA	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Dissolved Oxygen (mg/L)	≥7 mg/L (Basin Plan Objective) ²	9.58	9.72	10.19	10.39	10.22	9.89
pH	6.5-8.5 (Basin Plan Objective) ²	7.49	7.67	8.1	7.6	7.61	7.85
Specific Conductivity (umhos/cm)	≤900 umhos/cm (Secondary Maximum Contaminant Level) ¹	51	51	52	51	51	49
Temperature (° Celsius)	≤20 °C (Basin Plan Objective for Bay-Delta) ²	17.14	16.98	16.35	16.77	16.01	15.78
Turbidity (ntu)	≤ 10 ntu (Basin Plan Objective for the American River -Folsom Dam to Sacramento River)	7.5	1.96	1.66	2.25	3.88	1.03

Shaded cell = Does not meet Water Quality Guideline

1 - Drinking Water

2- Aquatic Life