

Lodi Citizen's Monitoring - Lodi, California
FEBRUARY 2004

Weather: Cloudy, light breeze, light rain 16:30, temperature 13.5 C (56 F)
 Water had some cloudiness and some green/olive color reported.
 Boards taken out Woodbridge dam 11/5/03, river low, lake drained.

Test Site	Date	Time	pH	Water		Dissolved	Turbidity NTU	(TDS)	Nitrate, as mg/L Nitrogen	Remarks
				Temperature		Oxygen mg/L		Conduct. uS		
Site #1 River before City Storm System inlets	13-Feb-04 Grade:	13:05	6.2 C	10.5 C A	50.9 F	10.6 A	3.6 ntu A	40 A	0 A	oil/gas ponded in dry dock area, should be cleaned before river rises.
Site # 2 River near Casa de Lodi	13-Feb-04 Grade:	13:40	6.0 C	10.5 C A	50.9 F	10.1 A	2.6 ntu A	40 A	0 A	
Site # 3 River at Mokelumne River Dr.	13-Feb-04 Grade:	15:50	7.5 A	10.1 C A	50.2 F	10.6 A	2.4 ntu A	40 A	0 A	dog feces, litter, cigarettes, possible fertilizer runoff
Site # 4 River at "Scenic Overlook" Awani Dr.	13-Feb-04 Grade:	16:20	8.1 B	10.1 C A	50.2 F	10.2 A	6.3 ntu B	40 A	0 A	shopping cart, cans metal scraps and a blue barrel in water
Site # 5 River, Glen Beach Edgewood Dr.	13-Feb-04 Grade:	15:33	7.5 A	10.8 C A	51.4 F	10.8 A	3.5 ntu A	40 A	0 A	foam by storm drain
Site # 6 River, N/O Pigs Lake	13-Feb-04 Grade:	16:00	7.5 A	10.7 C A	51.3 F	10.4 A	2.4 ntu A	40 A	0 A	
Site # 7 River, near Gazebo N/O Lodi Lake	13-Feb-04 Grade:	15:30 estim.	6.9 B	9.9 C A	49.8 F	10.9 A	7.2 ntu B	40 A	0 A	
Site # 7A East end (S/o SD) Lodi Lake	Grade:	NA								No Water in Lake
Site # 8 Lodi Lake above last Storm Drain	13-Feb-04 Grade:	15:40	8.0 A	12.4 C A	54.3 F	11.6 A	3.7 ntu A	310 C	0.25 A	virtually no discharge (first ever nitrate detection)
Site # 9 River at WID Dam	13-Feb-04 Grade:	16:09	7.4 A	9.9 C A	49.8 F	10.8 A	5.5 ntu B	40 A	0 A	

NA = Not Analyzed (equipment problems)

GRADE:	pH	Temp	D.O.	Turbidity	TDS	Nitrates
A	7.0 - 8.0	Weather	> 85% Saturation	< 5	< 150	< 1
B	6.5-6.9, 8.1-8.5	and	75-84% Sat.	5 - 20	151 - 300	2 - 3
C	6.0-6.4, 8.6-9.0	condition	65-74% Sat.	21 - 50	301 - 500	4 - 5
D	5.5-5.9, 9.1-9.5	dependent	55-64% Sat.	50 - 150	501 -1000	6 - 10
F	<5.5, >9.5		< 55%Sat., <5.0mg/L	> 150	> 1000	> 10