

**Lodi Citizen's Monitoring - Lodi, California**  
**February 2008**

**Weather:** Clear, light breeze, temperature 17C (63 F)  
 date Water had some turbidity, brown, olive brown and green color, and some algae reported.  
 08-Feb-08 River level down, dam lowered 10/1/07, Lodi Lake drained

Test Site	Date	Time	pH	Water		Dissolved	Turbidity NTU	(TDS)	Nitrate,	Remarks
				Temperature		Oxygen mg/L		Conduct. uS	as mg/L Nitrogen	
Site #1 River before City Storm System inlets	08-Feb-08	11:30	7.4 A	10.0 C A	50.0 F	11.5 A	4.0 ntu A	40 A	0 A	
Site # 2 River near Casa de Lodi	08-Feb-08	11:55	7.7 A	9.0 C A	48.2 F	11.6 A	3.7 ntu A	40 A	0 A	
Site # 5 River at 1050 N Lincoln	08-Feb-08	15:15	8.5 B	11.2 C A	52.2 F	9.6 A	13.1 ntu B	40 A	0 A	
Site # 7 River, near Gazebo N/O Lodi Lake	08-Feb-08	15:40	8.0 B	11.4 C A	52.5 F	9.3 B	16.1 ntu B	40 A	0 A	
Site # 7 River, near Gazebo N/O Lodi Lake	08-Feb-08	16:05	7.7 A	10.7 C A	51.3 F	11.2 A	16.0 ntu B	30 A	0 A	
Site # 7A East end (S/o SD) Lodi Lake										No Water in Lake
Site # 8 Lodi Lake near Storm Drain										No Water in Lake
Site # 9A River below WID Dam at Bridge	08-Feb-08	15:30	na	10.0 C A	50.0 F	11.2 A	2.9 ntu A	40 A	0 A	Some litter on banks. pH meter not reading correctly? pH 9.1

**Weather:** 2/22: Breeze, overcast, drizzle, temperature 16 C (60 F)  
 date Water had some olive-brown & brown color and algae reported.  
 22-Feb-08 River level down, dam lowered 10/1/07, Lodi Lake drained

Test Site	Date	Time	pH	Water		Dissolved	Turbidity NTU	(TDS)	Nitrate,	Remarks
				Temperature		Oxygen mg/L		Conduct. uS	as mg/L Nitrogen	
Site #1 River before City Storm System inlets	22-Feb-08	15:07	7.4 A	10.7 C A	51.3 F	11.1 A	2.4 ntu A	40 A	0 A	
Site # 2 River near Casa de Lodi	22-Feb-08	15:25	7.9 A	10.2 C A	50.4 F	10.9	2.8 ntu A	40 A	0 A	
Site # 5 River at 1050 N Lincoln	22-Feb-08	15:30	7.7 A	11.6 C A	52.9 F	8.6 A	5.7 ntu B	40 A	0 A	
Site # 7 River, near Gazebo N/O Lodi Lake	22-Feb-08	15:30	8.5 B	11.1 C A	52.0 F	10.7 A	3.1 ntu A	40 A	0.04 A	
Site # 7A East end (S/o SD) Lodi Lake										No Water in Lake
Site # 8 Lodi Lake near Storm Drain	22-Feb-08	16:03	7.8 A	13.0 C A	55.4 F	9.3 A	14.0 ntu B	80 A	0.06 A	Storm runoff only
Site # 9A River below WID Dam at Bridge	22-Feb-08	16:17	na	10.3 C A	50.5 F	10.5 A	2.3 ntu A	50 A	0 A	Team 5 pH meter not reading correctly? pH 9.1
Site # 9A River below WID Dam at Bridge	22-Feb-08	16:17	na	10.3 C A	50.5 F	10.7 A	na	na	0 A	Team 7 pH and TDS probes not working

NA = Not Analyzed

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