

**Lodi Citizen's Monitoring - Lodi, California**  
**July 2009**

**Weather:** Calm, sunny (22.3C/ 72.1F)

Last rain: June 4

date Visual Observations:

10-Jul-09 River level up, dam raised, Mokelumne River impounded, Lodi Lake filled-3-17-09

Test Site	Date	Time	pH	Water Temperature		Dissolved Oxygen mg/L	Turbidity NTU	(TDS) Conduct. uS	Nitrate, as mg/L Nitrogen	Remarks
Site #1 River before City Storm System inlets	10-Jul-09									no data available
Site # 2 River near Casa de Lodi	10-Jul-09									no data available
Site # 5 River at 1050 N Lincoln	10-Jul-09									no data available
Site # 7 River, near Gazebo  N/O Lodi Lake	10-Jul-09	16:50	7.6 A	N/A	N/A	8.7 A	n/a	50 A	N/A	new team-problems with calibration
Site # 7A East end (S/o SD) Lodi Lake	10-Jul-09									no data available
Site # 8 Lodi Lake near Storm Drain	10-Jul-09									no data available
Site # 9A River below WID Dam at Bridge	10-Jul-09									no data available

**Weather:** Clear, Sunny, Calm- temperature 31.8 C (89 Last rain: June 4

Visual observations: No odor; no algae; foam- site 9-A; turbid- site 7; flow- low to med; litter- site 9-A; color of water- clear to brown.

24-Jul-09 River level up because of impoundment, dam in place, Lodi Lake filled- 3/17/09

Test Site	Date	Time	pH	Water Temperature		Dissolved Oxygen mg/L	Turbidity NTU	(TDS) Conduct. uS	Nitrate, as mg/L Nitrogen	Remarks
Site #1 River before City Storm System inlets	24-Jul-09	14:30	8.0 A	19.3 C A	66.7 F	9.8 A	1.4 ntu B	40 A	N/A	
Site # 2 River near Casa de Lodi	24-Jul-09									no data available
Site # 5 River at 1050 N Lincoln	24-Jul-09									no data available
Site # 7 River, near Gazebo	24-Jul-09	13:51	7.8 A	22.6 C A	72.7 F	9.5 A	1.5 ntu A	50 A	N/A	DO meter

N/O Lodi Lake										seems high-supersaturated?
Site # 7A East end (S/o SD) Lodi Lake										no data available
Site # 8 Lodi Lake near Storm Drain	24-Jul-09									no data available
Site # 9A River below WID Dam at Bridge	24-Jul-09	15:08	8.1 B	22.0 C A	71.6 F	9.3 A	2.1 ntu A	40 A	N/A	DO meter seems high-supersaturated?

NA = Not Analyzed

<u>GRADE:</u>	<u>pH</u>	<u>Temp</u>	<u>D.O.</u>	<u>Turbidity</u>	<u>TDS</u>	<u>Nitrates</u>
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

