

Lodi Citizen's Monitoring - Lodi, California
August 2009

Weather: Light breeze, sunny (29.8C/ 85.6F) Last rain: June 4
 date Visual Observations: Odor: musky- 7A- all else- no odor;Algae: dense- sites 7, 7A, none elsewhere;
 Foam: none;Turbidity: clear-sites 2,7,9. Murky- site 7A; Flow-low except for site 9-high. Oil-none;
 Litter- none except for site 9- high.Color-Sites 2,9- no color; sites 7,7A- green.
 14-Aug-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	14-Aug-09									no data available
Site # 2 River near Casa de Lodi	14-Aug-09	15:52	7.8 A	18.2 C A	64.8 F	9.7 A	70 ntu D	44 A	0 A	kayaker went by
Site # 5 River at 1050 N Lincoln	14-Aug-09									no data available
Site # 7 River, near Gazebo N/O Lodi Lake	14-Aug-09	16:15	6.4 C	21.7 C digital in can	71.1 F digital in can	8 Chemet	1.6 ntu A	40 A	0 A	pH seems suspect
Site # 7A East end (S/o SD) Lodi Lake	14-Aug-09	15:50	7.4 A	25.4 C digital in can	77.7 F digital in can	8 Chemet	5.0 ntu A	50 A	0 A	problems with DO meter
Site # 8 Lodi Lake near Storm Drain	14-Aug-09									no data available
Site # 9A River below WID Dam at Bridge	14-Aug-09	16:23	8.0 A	22.2 C A	72.0 F	9.2 A	10 ntu B	50 A	0 A	kids spear fishing below bridge

Weather: Clear, Sunny, Calm- temperature 33.8 C (Last rain: June 4
 Visual observations: Odor-site 1-none; site 9- musky; Algae-none; Foam- none; Turbid-none; Flow- f
 Litter- site-1- none; site 9- high; Color of water-none.

28-Aug-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	28-Aug-09	16:03	7.8 A	18.9 C A	66.0 F	10.2 A	2.8 ntu A	50 A	0 A	none
Site # 2 River near Casa de Lodi	28-Aug-09									no data available
Site # 5 River at 1050 N Lincoln	28-Aug-09									no data available
Site # 7 River, near Gazebo N/O Lodi Lake	28-Aug-09									no data available

Site # 7A East end (S/o SD) Lodi Lake										no data available
Site # 8 Lodi Lake near Storm Drain	28-Aug-09									no data available
Site # 9A River below WID Dam at Bridge	28-Aug-09	16:50	7.8 A	21.3 C A	70.3 F	10.2 A	2.3 ntu A	40 A	0 A	cleaned smudge on turb. vial

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

high; Oil- none;