

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

Weather: Light breeze/Clear/Sunny temperature 29 C Last rain May 1- 4- season total: 13.42 "
date Water had some olive-brown color, and algae reported.
08-May-09 River level up, dam raised, Mokelumne River impounded, Lodi Lake filled-3-17-09

Test Site	Date	Time	pH	Water Temperature		Dissolved	Turbidity	(TDS)	Nitrate,	Remarks
				C	F	Oxygen	NTU	Conduct	as mg/L	
Site #1 River before City Storm System inlets	08-May-09	13:40	7.7 A	17.9 C A	64.2 F	9.2 A	1.7 ntu A	40 A	0 A	
Site # 2 River near Casa de Lodi	08-May-09	14:00	7.6 A	16.4 C A	61.5 F	8.5 A	2.2 ntu A	40 A	0 A	
Site # 5 River at 1050 N Lincoln	08-May-09	15:10	7.1 A	19 C A	66.2 F	10.1 A	3.6 ntu A	50 A	0	DO meter suspect
Site # 7 River, near Gazebo N/O Lodi Lake	08-May-09	16:30	7.2 A	19.0 C A	66.2 F	10.0 A	5.5 ntu B	40 A	0 A	jet skiers in area
Site # 7A East end (S/o SD) Lodi Lake	08-May-09	16:00	7.6 A	21.5 C A	70.7 F	10.3 A	7.4 ntu B	40 A	0 A	
Site # 8 Lodi Lake near Storm Drain	08-May-09									no data available
Site # 9A River below WID Dam at Bridge	08-May-09	15:25	7.2 A	18.5 C A	65.3 F	9.0 A	3.2 ntu A	50 A		

Weather: Clear, Sunny, Calm- temperature 28.8 C Last rain: 5-4-09- Season total: 13.42"
22-May-09 Water had some green and olive-brown color.
River level up because of impoundment, dam in place, Lodi Lake filled- 3/17/09

Test Site	Date	Time	pH	Water Temperature		Dissolved	Turbidity	(TDS)	Nitrate,	Remarks
				C	F	Oxygen	NTU	Conduct	as mg/L	
Site #1 River before City Storm System inlets	22-May-09	9:20	7.4 A	15.5 C A	59.9 F	8.9 A	1.9 ntu A	40 A	0 A	
Site # 2 River near Casa de Lodi	22-May-09	9:45	7.5 A	16.2 C A	61.2 F	8.6 A	2.1 ntu A	40 A	0 A	
Site # 5 River at 1050 N Lincoln	22-May-09	15:00	6.5 B	19.5 C A	67.1 F	10.4 A	3.4 ntu A	40 A	0	DO meter suspect
Site # 7 River, near Gazebo N/O Lodi Lake	22-May-09	15:33	8.1 B	20.2 C A	68.4 F	8.9 A	3.6 ntu A	30 A	0 A	
Site # 7A East end (S/o SD) Lodi Lake										no data available

Site # 8	22-May-09	16:06	8.1	24.1 C	75.4 F	7.9	2.7 ntu	30	0	shaded area in lake near outfall
Lodi Lake near Storm Drain			B	A		A	A	A	A	
Site # 9A	22-May-09	15:16	7.1	18.4 C	65.1 F	11.2	2.7 ntu	40		DO meter suspect
River below WID Dam at Bridge			A	A		A	A	A		

NA = Not Analyzed

<u>GRADE:</u>	<u>pH</u>	<u>Temp</u>	<u>D.O.</u>	<u>Turbidit</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