

Lodi Citizen's Monitoring - Lodi, California

October 2008

Weather: Clear, Windy, temperature 19 C (68 F)

date Water had some olive-brown & green color, and algae reported.

10-Oct-08 River level up, dam raised end of April, Lodi Lake filled

Test Site	Date	Time	pH	Water		Dissolved		(TDS)	Nitrate,	Remarks
				Temperature		Oxygen	Turbidity	Conduct.	as mg/L	
						mg/L	NTU	uS	Nitrogen	
Site #1	10-Oct-08	12:29	8.0	14.4 C	57.9 F	9.9	2.5 ntu	40	0	
River before City			A	A		A	A	A	A	
Storm System inlets										
Site # 2	10-Oct-08	12:44	7.7	14.5 C	58.1 F	8.5	2.5 ntu	30	0	
River			A	A		A	A	A	A	
near Casa de Lodi										
Site # 5	10-Oct-08									Too windy to
River at										sample safely
1050 N Lincoln										
Site # 7	10-Oct-08									Too windy to
River, near Gazebo										sample safely
N/O Lodi Lake										
Site # 7A										
East end (S/o SD)										
Lodi Lake										
Site # 8										
Lodi Lake										
near Storm Drain										
Site # 9A	10-Oct-08	15:28	8.3	17.0 C	62.6 F	10.0	na	50	na	
River below WID			B	A		A		A		
Dam at Bridge										

Weather: Clear, calm, temperature 29 C (84 F)

date Water had some green and olive-brown color, and algae reported.

24-Oct-08 River level up, dam raised end of April, Lodi Lake filled

Test Site	Date	Time	pH	Water		Dissolved		(TDS)	Nitrate,	Remarks
				Temperature		Oxygen	Turbidity	Conduct.	as mg/L	
						mg/L	NTU	uS	Nitrogen	
Site #1	24-Oct-08	12:18	7.6	15.5 C	59.9 F	9.8	1.7 ntu	50	0	
River before City			A	A		A	A	A	A	
Storm System inlets										
Site # 2	24-Oct-08	15:51	7.5	15.8 C	60.4 F	8.5	2.4 ntu	50	0	
River			A	A		A	A	A	A	
near Casa de Lodi										
Site # 5	24-Oct-08	15:35	7.9	17.4 C	63.3 F	10.3	11.5 ntu	50	na	
River at			A	A		A	B	A		
1050 N Lincoln										
Site # 7	24-Oct-08	15:25	7.1	18.6 C	65.5 F	11.2	2.6 ntu	40	0	Some problems with
River, near Gazebo			A	A			A	A	A	D.O. meter, may be
N/O Lodi Lake										reading high
Site # 7A	24-Oct-08	15:50	7.8	20.9 C	69.6 F	11.2	5.2 ntu	40	0	Some problems with
East end (S/o SD)			A	A			B	A	A	D.O. meter, may be
Lodi Lake										reading high
Site # 8										
Lodi Lake										
near Storm Drain										
Site # 9A	24-Oct-08	16:00	8.0	19.3 C	66.7 F	9.5	3.4 ntu	50	na	
River below WID			A	A		A	A	A		
Dam at Bridge										

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