

Lodi Citizen's Monitoring - Lodi, California

November 2008

Weather: Clear, Windy, temperature 19 C (68 F)
 date Water had some olive-brown & green color, and algae reported.
 07-Nov-08 River level down, dam lowered, Lodi Lake "drained"

Test Site	Date	Time	pH	Water		Dissolved		(TDS)	Nitrate,	Remarks
				Temperature		Oxygen	Turbidity	Conduct.	as mg/L	
						mg/L	NTU	uS	Nitrogen	
Site #1 River before City Storm System inlets	07-Nov-08	16:10	6.2*	14.5 C A	58.1 F	12.1 A	3.0 ntu A	60 A	na	*pH meter (see below) "Purple muck - foam" all over beach area
Site # 2 River near Casa de Lodi	07-Nov-08	17:05	5.9*	14.5 C A	58.1 F	11.9 A	10.8 ntu B	50 A	na	*pH meter may be incorrect, all low reads were with same meter
Site # 5 River at 1050 N Lincoln	07-Nov-08	15:08	5.6*	14.7 C A	58.5 F	9.4 A	5.1 ntu A	50 A	na	*pH meter may be incorrect, all low reads were with same meter
Site # 7 River, near Gazebo N/O Lodi Lake	07-Nov-08	15:40	7.6 A	15.4 C A	59.7 F	9.6 A	3.7 ntu A	60 A	0	
Site # 7A East end (S/o SD) Lodi Lake										No Water in Lake
Site # 8 Lodi Lake near Storm Drain										
Site # 9A River below WID Dam at Bridge	07-Nov-08	15:24	5.6*	15.0 C A	59.0 F	9.5 A	10.9 ntu B	50 A	na	*pH meter may be incorrect, all low reads were with same meter

Weather: Clear, calm, temperature 18 C (64 F)
 date Water had some olive-brown color, and algae reported.
 21-Nov-08 River level down, dam lowered, Lodi Lake "drained"

Test Site	Date	Time	pH	Water		Dissolved		(TDS)	Nitrate,	Remarks
				Temperature		Oxygen	Turbidity	Conduct.	as mg/L	
						mg/L	NTU	uS	Nitrogen	
Site #1 River before City Storm System inlets	21-Nov-08	13:00	8.2 B	14.4 C A	57.9 F	10.2 A	2.6 ntu A	50 A	0 A	
Site # 2 River near Casa de Lodi	21-Nov-08	13:27	8.1 B	13.9 C A	57.0 F	10.1 A	2.1 ntu A	50 A	0 A	Two Salmon observed
Site # 5 River at 1050 N Lincoln	21-Nov-08	15:30	7.5 A	13.3 C A	55.9 F	10.6 A	10.1 ntu	50 A	na	
Site # 7 River, near Gazebo N/O Lodi Lake	21-Nov-08	15:32	7.8 A	14.3 C A	57.7 F	10.2 A	2.1 ntu	30 A	0 A	
Site # 7A East end (S/o SD) Lodi Lake										No Water in Lake
Site # 8 Lodi Lake near Storm Drain	21-Nov-08	16:17	7.8 A	19.0 C A	66.2 F	na	2.1 ntu A	200	0.6, 0.33 A	No River Water in Lake Storm Runoff Only
Site # 9A River below WID Dam at Bridge	21-Nov-08	16:11	7.8 A	13.2 C A	55.8 F	10.5 A	7.7 ntu B	50 A	na	

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