

Lodi Citizen's Monitoring - Lodi, California

January 2009

Weather: Clear, Sunny, temperature 13 C (55 F)
 date Water had some olive-brown color, and algae reported.
 09-Jan-09 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	09-Jan-09	12:15	8.0	9.7 C	49.5 F	10.9	4.9 ntu	50	0	
River before City			A	A		A	A	A	A	
Storm System inlets										
Site # 2	09-Jan-09	12:50	7.5	9.0 C	48.2 F	10.9	4.2 ntu	50	0	
River			A	A		A	A	A	A	
near Casa de Lodi										
Site # 5	09-Jan-09	15:10	8.1	9.0 C	48.2 F	7.2	7.4 ntu	40	na	
River at			B	A		C	B	A		
1050 N Lincoln										
Site # 7	09-Jan-09	15:40	7.9	9.2 C	48.6 F	11.6	2.4 ntu	70	0	
River, near Gazebo			A	A		A	A	A	A	
N/O Lodi Lake										
Site # 7A										No Water in Lake
East end (S/o SD)										
Lodi Lake										
Site # 8	09-Jan-09	16:15	7.8	13.9 C	57.0 F	9.4	2.5 ntu	460	0.2	Lake drained,
Lodi Lake			A	B		A	A	C	A	Storm Drain pipe
near Storm Drain										runoff only
Site # 9A	09-Jan-09	15:00	8.1	9.1 C	48.4 F	7.6	7.4 ntu	40	na	
River below WID			B	A		C	B	A		
Dam at Bridge										

Weather: Rain, Overcast, temperature 14 C (56 F)
 date Water had some olive-brown and green color.
 23-Jan-09 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	23-Jan-09	9:44	7.5	8.1 C	46.6 F	10.9	2.1 ntu	50	0	
River before City			A	A		A	A	A	A	
Storm System inlets										
Site # 2	23-Jan-09	10:04	7.3	8.5 C	47.3 F	10.5	2.5 ntu	50	0	
River			A	A		A	A	A	A	
near Casa de Lodi										
Site # 5										
River at										
1050 N Lincoln										
Site # 7	23-Jan-09	15:49	8.2	11.1 C	52.0 F	10.5	na	50	0	
River, near Gazebo			B	A		A		A	A	
N/O Lodi Lake										
Site # 7A										
East end (S/o SD)										
Lodi Lake										
Site # 8	23-Jan-09	16:29	7.9	13.8 C	56.8 F	10.5	na	40	0.1	Lake drained,
Lodi Lake			A	A		A		A	A	Storm Drain pipe
near Storm Drain										runoff only
Site # 9A	23-Jan-09	14:50	7.5	10.5 C	50.9 F	11.3	16.8 ntu	40	na	
River below WID			A	A		A	B	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