

Lodi Citizen's Monitoring - Lodi, California
April 2009

Weather: Clear/sunny temperature 18.5 C Last rain within 48 hours

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

10-Apr-09 River level down, dam lowered, Lodi Lake "drained"

0				Water		Dissolved	Turbidity	(TDS)	Nitrate,	
Test Site	Date	Time	pH	Temperature		Oxygen	NTU	Conduct.	as mg/L	Remarks
						mg/L		uS	Nitrogen	
Site #1	10-Apr-09	11:50	8.0	12.9 C	55.2 F	9.7	1.5 ntu	40	0	
River before City			A	A		A	A	A	A	
Storm System inlets										
Site # 2	10-Apr-09	12:20	7.4	13.7 C	56.7 F	9.3	4.1 ntu	40	0	
River			A	A		A	A	A	A	
near Casa de Lodi										
Site # 5	10-Apr-09	15:25	6.3	14.8 C	58.6 F	11.3	13.1 ntu	40	na	
River at			C	A		A	B	A		
1050 N Lincoln										
Site # 7	10-Apr-09	15:40	7.5	13.8 C	56.8 F	9.6	2.5 ntu	40	0	water is
River, near Gazebo			A	A		A	A	A	A	calm, few
N/O Lodi Lake										ripples
Site # 7A	10-Apr-09	15:00	7.5	17.3 C	63.1 F	9.6	1.7 ntu	40	0	water is
East end (S/o SD)			A	A		A	A	A	A	calm, few
Lodi Lake										ripples
Site # 8										
Lodi Lake										
near Storm Drain										
Site # 9A	10-Apr-09	15:00	6.3	14.4 C	57.9 F	9.3	5.9 ntu	40	na	
River below WID			C	A		A	B	A		
Dam at Bridge										

Weather: Clear, Light Breeze, temperature 21.3 C (Last rain: 4-11-09

date Water had some green and olive-brown color.

24-Apr-09 River level up, dam in place, Lodi Lake filled- 3/17/09

				Water		Dissolved	Turbidity	(TDS)	Nitrate,	
Test Site	Date	Time	pH	Temperature		Oxygen	NTU	Conduct.	as mg/L	Remarks
						mg/L		uS	Nitrogen	
Site #1	24-Apr-09	15:49	7.2	16.5 C	61.88 F	12.0	2.4 ntu	30	0	
River before City			A	A		A	A	A	A	
Storm System inlets										
Site # 2	24-Apr-09	16:31	6.8	15.4 C	59.7 F	10.1	2.4 ntu	30	0	
River			B	A		A	A	A	A	
near Casa de Lodi										
Site # 5	24-Apr-09	15:05	7.7	16.7 C	62.1 F	10.8	2.7 ntu	50	na	
River at			A	A		A	A	A		
1050 N Lincoln										
Site # 7										
River, near Gazebo										
N/O Lodi Lake										
Site # 7A	24-Apr-09	15:41	7.5	18.8 C	68.9 F	7.9	2.2 ntu	40	0	geese poop
East end (S/o SD)			A	B		A	A	A	A	on
Lodi Lake										ground,ground
										slightly
										mushy
Site # 8	24-Apr-09	16:14	7.6	19.6 C	67.28 F	7.8	2.8 ntu	50	0	
Lodi Lake			A	A		A	A	A	A	
near Storm Drain										
Site # 9A	24-Apr-09	14:38	7.1	19.3 C	66.7 F	9.4	4.0 ntu	50	na	
River below WID			A	A		A	A	A		

Dam at Bridge
NA = Not Analyzed

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