

Lodi Citizen's Monitoring - Lodi, California

Last rain: 6/6/2011

27-Sep-11

6/1, 6/4, 6/5, 6/5-1.12"

WEATHER: Avg. Temperature: (29.2 C/84.6F). Clear, calm, sunny

New Rain Season- 7-01-11

VISUAL OBSERVATIONS:

Season total: 0 inches

DATE	SITE	ODOR	ALGAE	FOAM	TURBID.	FLOW	OIL	LITTER	COLOR
27-Sep-11	site 1	none	none	none	Clear	low	none	none	olive brown
	site 2	none	none	none	clear	low	none	none	olive brown
	site 5								
	site 7	none	none	none	none	low	none	none	green
	site 7A								
	site 8								
	site 9								
	site 9 A- Lodi Acad.	none	none	separated bubbles	clear	high	none	none	green
site 9A-JECHS-	none	none	separated bubbles	clear	medium	none	none	olive brown	

River Water Level: River high. Lodi Lake empounded. Camanche Dam releases: 1002 cfs; Pardee Dam- 1107 cfs.

Monitors: Sites # 1 Vacarezza Private Property-Lodi Academy- (Hall) Kayla Ross, Chris Nieman, Jesse Payton, Elizabeth Hernderson, Annabel Galicinas
 Site # 2- Casa de Lodi- Lodi Academy- same as above
 Site # 5- 1050 N Lincoln
 Sites # 7- Lodi Lake Park- Near Gazebo- Lodi Academy- same as above
 Site # 7-A- East end (S/o SD) Lake
 Site # 8- West side Lodi Lake, near outfall-
 Site # 9- Above WID dam-
 Site 9-A- From the bridge- Jim Elliott HS- (Bray)- A. Cotton, Lauren W., Abby C.
 Site # 9-A-Streamside- Lodi Academy- same as above

Test Site	Date	Time	pH	Water Temperature	Dissolved Oxygen mg/L	Turbidity NTU	EC Conduct. uS	Nitrate, as mg/L Nitrogen	Remarks
Site #1 River before City Storm System inlets	09/27/11	14:40	7.6 A	16.4 C A supersaturated	61.5 F A	10.7 A	1.5 ntu A	30 A	0 A
Site # 2 River near Casa de Lodi		14:56	7.4 A	16.4 C supersaturated	61.5 F	10.2 A	2.5 ntu A	40 A	0 A
Site # 5 River at 1050 N Lincoln					32.0 F				
Site # 7 River, near Gazebo N/O Lodi Lake	09/27/11	15:15	7.5 A	17.7 C A supersaturated	63.9 F	10.4 A	1.4 ntu A	40 A	0 A
Site # 7A East end (S/o SD) Lodi Lake					32.0 F				
Site # 8 Lodi Lake Near Storm Drain					32.0 F				
Site # 9 River- Upstream of dam					32.0 F				
Site # 9A River below WID Dam, from the bridge	09/27/11	15:57	7.6 A	17.8 A	64.0 F	10.95 A	1.69 A	30 A	0 A
Site # 9A River below WID Dam, streamside		15:20	7.1 A	19.0 C supersaturated	66.2 F	9.3 A	3.1 ntu A	40 A	0 A
<u>GRADE:</u>			<u>pH</u>	<u>Temp</u>	<u>D.O.</u>	<u>Turbidity</u>	<u>Cond.</u>	<u>Nitrates</u>	
A			7.0 - 8.0	Weather	> 85% Saturation	< 5	< 200	< 1	
B			6.5-6.9, 8.1-8.5	and	75-84% Sat.	5 - 20	201-450	2 - 3	
C			6.0-6.4, 8.6-9.0	condition	65-74% Sat.	21 - 50	451-750	4 - 5	
D			5.5-5.9, 9.1-9.5	dependent	55-64% Sat.	50 - 150	751-1500	6 - 10	
F			<5.5, >9.5		< 55% Sat., <5.0mg/L	> 150	>1500	> 10	