

Lodi Citizen's Monitoring - Lodi, California

24-Apr-12

Weather: Avg. temp. (26C/ 78.7 F)- Calm, sunny, light breeze.

Last rain: 4/14/12-.01

Season total: 9.46 inches

VISUAL OBSERVATIONS

RAIN IN PAST 24 Hours!

DATE	SITE	ODOR	ALGAE	FOAM	TURBID.	FLOW	OIL	LITTER	COLOR
24-Apr-12	site 1	Petroleum	none	None	Clear	low	none	None	Brown
	site 2								
	site 5								
	site 7								
	site 7A								
	site 8								
	site 9								
	site 9A	None	None	Sep. bubbles	Clear	high	None	None	Brown

River Water Level: WID - Lodi Lake empounded 2-24-12. Camanche releases- 256 cfs. / Pardee 263 cfs.

Monitors: Sites # 1 Vacarezza Private Property- Lodi Academy- Caren Hall-teacher- Ken, Erika, Lindsey, EJ, James
 Site # 2- Casa de Lodi- Gritsch Private Property-
 Site # 5- 1050 N Lincoln
 Sites # 7- Lodi Lake Park- Near Gazebo-
 Site # 7-A- East end (S/o SD) Lake
 Site # 8- West side Lodi Lake, near outfall-
 Site # 9- Above WID Bridge and Dam-
 Site # 9-A- From Bridge- Lodi Academy- same as site 1.

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	4/24/12	15:29	7.0 A paper	18.4 C A	65.1 F	10.3 A	2.0 ntu A	30 A	0 A	DO supersaturated
Site # 2 River near Casa de Lodi					32.0 F					
Site # 5 River at 1050 N Lincoln					32.0 F					
Site # 7 River, near Gazebo N/O Lodi Lake					32.0 F					
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 from the bridge	4/24/12	15:09	7.0 A paper	21.3 C	70.3 F	9.4 A	.9 ntu A	30 A	0 A	DO supersaturated
GRADE:			pH		Temp		D.O.	Turbidity	Cond.	Nitrates
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