

**Lodi Citizen's Monitoring - Lodi, California**  
**December 2009**

**Weather:** Partly cloudy, sunny, light breeze (13.9C/ 57.1F)      **Last rain:** 11-28-09- .29"      **Season total:** 3.82"

date      **Visual Observations:** **Odor-** none. **Algae-** sites 1, 2, 9A light/ sites 7, 8 moderate.

**04-Dec-09 Foam-** none. **Turbidity-** sites 1, 2, 9A none/ sites 7, 8 cloudy.

**Flow-** sites 1, 2, 7, 8 low/ site 9A medium. **Oil-** sites 1, 2, 7, 8 none/ site 9A light sheen.

**Litter-** all sites light <than 5 pieces.

**Color-** all sites olive brown.

**River Water Level-** River level down, dam open, Mokelumne River NOT impounded, Lodi Lake emptied 11-08-9

**Monitors:** **Sites # 1, 2** Lodi Academy- (Teacher- Caren Hall)

**Sites # 7, 8** Lodi High-Team # 1 (Teacher- Mrs. Turner)- Nathen Shibley, Stefan Fuller, Sarah Galloway, Kevin denHartog, James Reddis, Ashton Gorman, Jordan Waller Max Weigant, Ben Deckert, Karina Suarez, Kasey Knox.

**Sites # 9A** Lodi High (Teacher- Mrs. Turner)- Ian Sroufe, Priyank Patel

**Sites # 9A** from the bridge- Jim Elliot CHS- (Teacher- Mr. Bray)- none

Test Site	Date	Time	pH	Water Temperature		Dissolved Oxygen mg/L	Turbidity NTU	(TDS) Conduct. uS	Nitrate, as mg/L Nitrogen	Remarks
Site #1 River before City Storm System inlets	04-Dec-09	17:30	7.3 A	12.3 C A	54.1 F	9.6 A	3.9 ntu A	42 A	0 A	Partly sunny. Leaf litter.
Site # 2 River near Casa de Lodi	04-Dec-09	18:03	7.4 A	12.3 C A	54.1 F	9.3 A	3.5 ntu A	41 A	0 A	near dusk, but partly cloudy. Leaf litter.
Site # 5 River at 1050 N Lincoln										no data available
Site # 7 River, near Gazebo N/O Lodi Lake	04-Dec-09	16:00	7.7 A	11.7 C A	53.1 F	10.7 A	2.4 ntu A	30 A	0 A	
Site # 7A East end (S/o SD) Lodi Lake										lake emptied- no data available
Site # 8 Lodi Lake Near Storm Drain	04-Dec-09	16:30	8.7 C	14.0 C A	57.2 F	6.2 D	4.3 ntu A	240 B	0.88 A	street runoff water
Site # 9 River- Upstream of dam										not available
Site # 9A River below WID Dam, under bridge	04-Dec-09	15:00	8.0 A	11.7 C A	53.1 F	10.2 A	1.7 ntu A	40 A	<1 A	

**Weather:** Overcast Cloudy (11.7C/52.0F)      **Last rain:** 12-16-09- 1.87"      **Season total:** 5.69"

date      **Visual observations:** **Odor-** none. **Algae-** none. **Foam-** site 7 none/ site 8 separated bubbles.

**18-Dec-09 Turbidity-** none.

**Oil-** site 7 none/ site 8 light sheen. **Flow-** all sites low.

**Litter-** site 7 none/ site 8 dense > 50 pieces. **Color-** all sites none.

**River Water Level-** River level down, dam open, Mokelumne River NOT impounded, Lodi Lake emptied

**Monitors:** Team # 1- Sites # 1, 2 - Ms. Hall- Lodi Academy- none

**Team # 2-** Sites # 7, 8- Tokay High- (Mrs. Starr)- Jenna Kanegawa, Gordon Wong.

**Team# 3-** Jim Elliot CHS- (Mr. Bray)- none

Test Site	Date	Time	pH	Water Temperature		Dissolved Oxygen mg/L	Turbidity NTU	(TDS) Conduct. uS	Nitrate, as mg/L Nitrogen	Remarks
Site #1 River before City Storm System inlets										no data available
Site # 2 River near Casa de Lodi										no data available
Site # 5 River at 1050 N Lincoln										no data available
Site # 7 River, near Gazebo N/O Lodi Lake	18-Dec-09	15:28	8.0 A	12.6 C A	54.7 F	10.2 A	2.3 ntu A	40 A	0 A	we saw river otter in the river
Site # 7A East end (S/o SD) Lodi Lake										lake emptied- no data available
Site # 8 Lodi Lake near Storm Drain	18-Dec-09	16:03	7.8 A	15.7 C A	60.3 F	8.3 B	1.9 ntu A	240 B	0.09 A	at the pipe-runoff
Site # 9A River below WID Dam at Bridge										no data available

NA = Not Analyzed

ND= None Detected

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