

Lodi Citizen's Monitoring - Lodi, California, April 2011

04/08/2011

Weather: Partly cloudy, overcast, light breeze

Last rain: #####

Season total: 20.21 inches

VISUAL OBSERVATIONS

Avg. Temp:(15.6C/60.1F)

3-26-11 rainfall- .63 inches

DATE	SITE	ODOR	ALGAE	FOAM	TURBID.	FLOW	OIL	LITTER	COLOR
08-Apr-11	site 1	None	None	None	Clear	Medium	None	light-<5 pcs	None
	site 2	None	None	None	Clear	Medium	None	None	None
	site 5								
	site 7								
	site 7A								
	site 8	None	None	None	Clear	Low	None	None	None
	site 9								
	site 9A	None	None	None	None	High	None	None	Olive brown

River Water Level: WID - river empounded 3/4/11. River high. Camanche releases- 3399 cfs. / Pardee 3129 cfs.

Monitors: Sites # 1 Vacrezza Private Property- Lodi High- (M. Turner)- H. Stewart, N. Deckert

Site # 2- Casa de Lodi- Gritsch Private Property- Lodi High- Stewart, Deckert

Site # 5- 1050 N Lincoln

Sites # 7- Lodi Lake Park- Near Gazebo- Lodi High- R. Felton, A. Howe

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/Streamside-Jim Elliott- (T. Bray)- Katie, RJ Martinez, Alizabeth C.

Test Site	Date	Time	pH	Water Temperature		Dissolved Oxygen mg/L	Turbidity NTU	EC Conduct. uS	Nitrate, as mg/L Nitrogen	Remarks
				C	F					
Site #1 River before City Storm System inlets	4/8/11	15:21	8.1 B	10.4 C A	50.7 F	11.4 A	3.6 ntu A	50 A	0.02 A	numerous "eddies"
Site # 2 River near Casa de Lodi	4/8/11	16:05	7.9 A	10.3 C A	50.5 F	11.2 A	3.5 ntu A	50 A	0.02 A	more distinguished eddies
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	4/8/11	16:30	7.4 A	10.7 C A supersaturated	51.3 F	11.5 A	4.1 ntu A	50 A	0 A	high water level
Site # 8 Lodi Lake Near Storm Drain	4/8/11	15:40	8 A	10.7 C A supersaturated	51.3 F	11.30 A	5.5 ntu B	50 A	0 A	high water level
Site # 9 River- Upstream of dam					32.0 F					
Site # 9A River below WID Dam, streamside	4/8/11	14:55	7.0 A	10.7 C B	51.3 F	8.7 B	3.6 ntu A	40 A	0	water flood stage

DATE:

22-Apr-11

Rain in last 24 hours

Weather: Cloudy, light breeze, rain

Last rain: #####

Season total: 20.31" inches

VISUAL OBSERVATIONS

Avg. Temperature: 21.8 C/71.3 F

.02 inches

DATE	SITE	ODOR	ALGAE	FOAM	TURBID.	FLOW	OIL	LITTER	COLOR
22-Apr-11	site 1	None	None	None	None	Medium	None	light<5 pcs	None
	site 2	None	None	None	Murky	Medium	None	None	None
	site 5								
	site 7								
	site 7A								
	site 8	None	None	None	Cloudy	Low	None	None	None
	site 9								
	site 9A	None	None	None	Murky	Flood	None	high-11-25 pcs	Olive brown

River Water Level: River high. Lodi Lake empounded. Camanche Dam releases: 3000 cfs; Pardee Dam- 3167 cfs.

Monitors: Sites # 1 Vacrezza Private Property- Tokay High Team-(Ms. Starr)-B. Garcia, A. Mitre, J. Wu, E. Chang, J. Heth

Site # 2- Casa de Lodi- Tokay- Garcia, Mite, Wu, Chang, Heth

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- Tokay High Team- Chang, Heth, D. Hundal

Site # 9- Above WID dam-

Site # 9-A-Streamside- Below Bridge-Jim Elliott CHS- (T. Bray)- Jacob S., Alisabeth C., Ashtin L.

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	04/22/11	14:55	7.4 A	11.2 C A	52.2 F	11.5 A	5.5 ntu B	70 A	0 A	
Site # 2 River near Casa de Lodi	04/22/11	15:30	7.1 A	11.3 C A	52.3 F	11.6 A	3.2 ntu A	50 A	0 A	
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	04/22/11	15:00	7.6 A	12.5 C A	54.5 F	10.4 A	4.7 ntu A	50 A	0.02 A	at lakeside, near stormdrain, lake full
Site # 9 River- Upstream of dam					32.0 F					
Site # 9A River below WID Dam, streamside	04/22/11	15:30	6.7 B	13.5 C B	56.3 F	8.3 B	2.6 ntu A	50 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	