

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

Weather: Calm, sunny, clear, breeze Avg. Temp:(19.1C/66.4F) Last rain: 03/07/2011

Season total: 15.70 inches

VISUAL OBSERVATIONS

DATE	SITE	ODOR	ALGAE	FOAM	TURBID.	FLOW	OIL	LITTER	COLOR
11-Mar-11	site 1	None	light<5%	None	Cloudy	Medium	None	None	Olive Brown
	site 2	None	Mod.5-25%	None	Cloudy	Medium	None	None	Olive Brown
	site 5								
	site 7								
	site 7A								
	site 8	None	None	None	Clear	None	None	light <5pc	None
	site 9	None	None	None	None	High	None	light<5pcs	None
	site 9A	None	None	None	None	High	None	light<5pcs	None

River Water Lev WID - river empounded 3/4/11. River high. Camanche releases- 950 cfs. / Pardee 1263 cfs.

Monitors: Sites # 1 Vacrezza Private Property- Lodi High- (Turner)- AJ

Site # 2- Casa de Lodi- Gritsch Private Property- Lodi High- R. Isola, H. Kalcut

Site # 5- 1050 N Lincoln

Sites # 7- Lodi Lake Park- Near Gazebo- Lodi High-

Site # 7-A- East end (S/o SD) Lake

Site # 8- West side Lodi Lake, near outfall- Tokay- N. Mall; K. Grant

Site # 9- Above WID Bridge and Dam- Tokay HS- N. Mall; K. Grant

Site # 9-A- From Bridge/Streamside- Tokay HS- N. Mall; K. Grant

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	3/11/11	15:19	7.1 A	11.6 C A	52.9 F	11.0 A	2.5 ntu A	40 A	0.04 A	
Site # 2 River near Casa de Lodi	3/11/11	16:00	7.4 A	11.3 C A	52.3 F	10.1 A	2.6 ntu A	40 A	0.08 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	3/11/11	15:45	7.8 A	11.8 C A	53.2 F supersaturated	11.30 A	2.5 ntu A	50 A	0	river water-
Site # 9 River- Upstream of dam					32.0 F					
Site # 9A River below WID Dam, streamside	3/11/11	14:40	7.8 A	11.2 C A	52.2 F supersaturated	11.4 A	7.1 ntu B	40 A	0	fishermen across the river

DATE:

25-Mar-11

RAIN EVENT!

Weather: **Weather: Rain!**

Last rain: 02/25/2011 **Rain/24 hrs. Season total: 19.58" inches**

VISUAL OBSERVATIONS

Avg. Temperature: C/ F

1.70 inches

DATE	SITE	ODOR	ALGAE	FOAM	TURBID.	FLOW	OIL	LITTER	COLOR
25-Mar-11	site 1	None	None	None	None	Flood	None	None	Olive Brown
	site 2	None	None	None	Murky	High	None	None	Brown
	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 Lev River high. Lodi Lake empounded. Camanche Dam releases: 3405 cfs; Pardee Dam- 3774 cfs.

Monitors: Sites # 1 Vacrezza Private Property- Tokay High Team-(Ms. Starr)-A. Garcha, J. Trejo, Connor Alexander, J. Westerback

Site # 2- Casa de Lodi- Lodi Academy- Caren Hall- Zach

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- A. Rowell, N. Chima, M. Lail

Site # 9- Above WID dam-

Site # 9-A-Streamside- Below Bridge- Tokay HS- 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
				C	F					
Site #1 River before City Storm System inlets	03/25/11	15:36	7.8 A	11.4 C A	52.5 F	10.0 A	4.8 ntu A	40 A	0 A	high water level
Site # 2 River near Casa de Lodi	03/25/11	13:15	8.9 C	10.9 C A	51.6 F	11.2 A	6.7 ntu B	30 A	0 A	river up 10 feet
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	03/25/11	16:01	8 A	11.1 C A	52.0 F	10.8 A	9.0 ntu B	5 A	0 A	at lakeside, near stormdrain, lake full
Site # 9 River- Upstream of dam					32.0 F					
Site # 9A River below WID Dam, streamside	03/26/11	16:30	7.8 ,	9.7 C a	49.4 F	9.9 A	7.4 ntu B	50 A	0	rain
<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