

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

Weather: Calm, sunny, clear Avg. Temp:(15.8C/60.5) Last rain: 01/20/2011 Season total: 11.53 inches

VISUAL OBSERVATIONS

DATE	SITE	ODOR	ALGAE	FOAM	TURBID.	FLOW	OIL	LITTER	COLOR
10-Feb-11	site 1	None	None	None	Clear	Low	None	None	None
	site 2	None	None	sep. bubbles	Clear	Medium	None	None	None
	site 5								
	site 7	None	None	None	Cloudy	Low	None	Med 8-10 pcs	None
	site 7A								
	site 8	None	None	None	Clear	None	None	light <5pc	None
	site 9								
	site 9A	None	None	sep. bubbles	cloudy	medium	None	None	olive brown

River Wate WID drops river empoundment. River low. Lodi Lake empty.
Camanche releases- 600 cfs. / Pardee 1530 cfs.

Monitors: Sites # 1 Vacrezza Private Property- Lodi High- (Turner)- R. Isola, H. Kalcut

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- A. Olson, J. Noori

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

Site # 8- West side Lodi Lake, near outfall- Lodi High- A. Olson, J. Noori

Site # 9- Above WID Bridge and Dam-

Site # 9-A- From Bridge/Streamside- Below dam- Jim Elliot Christian High- (Bray)-

A. Leary, A. Cotton, and J. Siken

Test Site	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	15:39	7.4 A	10.3 C A	50.5 F	9.5 A	2.1 ntu A	50 A	0.2 A	water is low
Site # 2 River near Casa de Lodi	16:28	6.9 A	8.9 C A	48.0 F	9.4 A	1.5 ntu A	50 A	0.2 A	
Site # 5 River at 1050 N Lincoln				32.0 F					

Site # 7 River, near Gazebo N/O Lodi Lake	15:00	7.3 A	13.3 C A	55.9 F	A 10.1	1.4 ntu A	40 A	0	
Site # 7A East end (S/o SD) Lodi Lake				32.0 F					
Site # 8 Lodi Lake Near Storm Drain	16:00	7.3 A	16.7 C C	62.1 F	7.00 C chemet	1.8 ntu A	270 F	0	stormdrain- shallow-all stormwater
Site # 9 River- Upstream of dam				32.0 F					
Site # 9A River below WID Dam, streamside	15:08	8.4 B	11.0 C A	51.8 F	10.3	6.0 ntu B	60 A	ND	

DATE:

25-Feb-11

RAIN EVENT!

Weather: Weather: Ranged from calm to win Last rain: 02/25/2011 Rain/24 hrs. Season total: 15.04" inches

VISUAL OBSERVATIONS Avg. Temperature: 12.3 C/ 54.1 F **1.29"**

DATE	SITE	ODOR	ALGAE	FOAM	TURBID.	FLOW	OIL	LITTER	COLOR
25-Feb-11	site 1	None	None	None	None	Low	None	None	None
	site 2	None	med 5-25%	None	None	high	none	light <5 pcs	None
	site 5								
	site 7	None	None	None	Clear	Low	None	None	None
	site 7A								
	site 8	None	None	None	Clear	Low	None	None	None
	site 9								
	site 9A								

River Wate Low. River not empounded. Lodi Lake empty. Camanche Dam releases: 599 cfs; Pardee Dam- 1486 cfs.

Monitors: Sites # 1 Vacrezza Private Property- Tokay High Team- (Lodi Acad. Backup box)-
(Ms. Starr)-Tori, Michelle, Emilie, Brandi James- Mt. House consultant
Site # 2- Casa de Lodi- Lodi Academy- Caren Hall- Z. Haesche, A. Scott, J. Landauerde
Site # 5- 1050 N Lincoln
Sites # 7- Lodi Lake Park- Near Gazebo- Tokay High School-(bk up box)-A. Fuso,
C. Alexander, A. Garcha, J. Westerback
Site # 7-A- East end (S/o SD) Lake
Site # 8- West side Lodi Lake, near outfall- Tokay High Team- (box 2)- A. Seefeldt,

K. Arcalas, T. Thienpothong, J. Hu, A. Mitre, E. Chang, P. Amigable, D. Hundal, A. Mariana, S. Yund.
 Site # 9- Above WID dam-
 Site # 9-A-From Bridge- Jim Elliot CHS (Bray)- Ashtin, Alizabeth, Katie, RJ

Test Site	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	15:30	7.7 A	9.8 C A	49.6 F	10.9 A	2.3 ntu A	50 A	0 A	light breeze
Site # 2 River near Casa de Lodi	13:20	8.8 C	9.7 C A	49.5 F	11.9 A	7.6 ntu B	40 A	0 A	cloudy weather
Site # 5 River at 1050 N Lincoln				32.0 F					
Site # 7 River, near Gazebo N/O Lodi Lake	15:30	8.1 B	10.0 C A	50.0 F	11.4 A	4.0 ntu A	50 A	0 A	after rain, windy, cloudy
Site # 7A East end (S/o SD) Lodi Lake				32.0 F					
Site # 8 Lodi Lake Near Storm Drain	16:15	7.8 A	11.2 C A	52.2 F	11.6 A	11.7 ntu B	70 B	1 A	at stormdrain; after rain- all runoff
Site # 9 River- Upstream of dam				32.0 F					
Site # 9A River below WID Dam, streamside	14:55	8.5 B	10.3 C	50.5 F	10.0 A	5.8 ntu B	50 A	ND	skies partly cloudy
<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