

Lodi Citizen's Monitoring - Lodi, California
FEBRUARY 2007

Weather: Rain, temperature 14C (57 F)
 date Water had some turbidity and some olive-brown color reported.
 9-Feb-07 Low flow, river low, Lodi Lake drained

Test Site	Date	Time	pH	Water		Dissolved Oxygen mg/L	Turbidity NTU	(TDS) Conduct. uS	Nitrate, as mg/L Nitrogen	Remarks
				Temperature						
Site #1 River before City Storm System inlets	9-Feb-07	12:05	7.5 A	10.5 C A	50.9 F	10.0 A	2.3 ntu A	30 A	0 A	
Site # 2 River near Casa de Lodi	9-Feb-07	12:20	7.5 A	10.1 C A	50.2 F	9.6 A	5.9 ntu B	30 A	0 A	
Site # 5 River at 1050 N Lincoln	9-Feb-07	15:10	7.0 A	12.0 C A	53.6 F	9.5 A	10.0 ntu B	20 A	na	
Site # 7 River, near Gazebo N/O Lodi Lake	9-Feb-07	15:00	7.3 A	11.6 C A	52.9 F	10.4 A	7.0 ntu B	20 A	na	
Site # 7 River, near Gazebo N/O Lodi Lake	9-Feb-07	15:34	9.4 D	10.3 C A	50.5 F	10.3 A	1.9 ntu A	40 A	0 A	
Site # 7A East end (S/o SD) Lodi Lake	NA									Not Analyzed, not enough water in Lake
Site # 8 Lodi Lake near Storm Drain	NA	15:15	7.5 A	13.7 C A		9.9 A	41.0 ntu C	70 A	0.6 A	Raining, heavy storm flow samples 20m to river foaming at drain
Site # 9 River at WID Dam	9-Feb-07	15:40	7.4 A	10.1 C A	50.2 F	11.0 A	7.5 ntu A	40 A	na	30m upstream of Dam

Weather: Light breeze and part. cloudy, temperature 13 C (55 F)
 date Water a little turbid with some olive-brown color reported.
 23-Feb-07 Low flow, river low, Lodi Lake drained

Test Site	Date	Time	pH	Water		Dissolved Oxygen mg/L	Turbidity NTU	(TDS) Conduct. uS	Nitrate, as mg/L Nitrogen	Remarks
				Temperature						
Site #1 River before City Storm System inlets	23-Feb-07	13:30	8.3 B	10.4 C A	50.7 F	10.8 A	1.8 ntu A	60 A	0 A	
Site # 2 River near Casa de Lodi	23-Feb-07	13:55	8.3 B	9.9 C A	49.8 F	9.3 B	3.2 ntu A	40 A	0 A	
Site # 5 River at 1050 N Lincoln	23-Feb-07	15:35	8.4 B	11.3 C A	52.3 F	8.8 B	9.1 ntu A	40 A	na	
Site # 7 River, near Gazebo N/O Lodi Lake	23-Feb-07	15:15	7.4 A	12.5 C A	54.5 F	12.1 A	5.3 ntu A	50 A	na	

Site # 7 River, near Gazebo N/O Lodi Lake	23-Feb-07	15:34	8.2 B	10.9 C A	51.6 F	10.2 A	.2 ntu A	40 A	0 A	
Site # 7A East end (S/o SD) Lodi Lake										Not Analyzed, not enough water in Lake
Site # 8 Lodi Lake near Storm Drain	23-Feb-07	15:14	7.6 A	13.5 C A	56.3 F	9.4 A	6 ntu B	140 A	0.15 A	All water from Storm Drain (Lake empty) Too Shallow - DO?
Site # 9 River at WID Dam	23-Feb-07	15:45	7.9 A	10.7 C A	51.3 F	11.0 A	3.6 ntu A	30 A	0 A	20 - 30 m upstream from WID Dam

NA = Not Analyzed

<u>GRADE:</u>	<u>pH</u>	<u>Temp</u>	<u>D.O.</u>	<u>Turbidity</u>	<u>TDS</u>	<u>Nitrates</u>
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