

Lodi Citizen's Monitoring - Lodi, California
September 2003

Weather: Clear, Calm, temperature 34 C (93 F)
 Water had some cloudiness and some green/olive color reported.
 Board in at Woodbridge dam 3/17/03. Lake filled, river high.

Test Site	Date	Time	pH	Water Temperature		Dissolved Oxygen mg/L	Turbidity NTU	(TDS) Conduct. uS	Nitrate, as mg/L Nitrogen
Site #1 River before City Storm System inlets	12-Sep-03 Grade:	13:20	6.7 B	19.0 C A	66.2 F	NA	5.4 ntu B	40 A	0 A
Site # 2 River near Casa de Lodi	12-Sep-03 Grade:	14:00	6.0 C	18.6 C A	65.5 F	NA	4.4 ntu A	40 A	0 A
Site # 3 River at Mokelumne River Dr.	12-Sep-03 Grade:	15:50	7.8 A	19.2 C A	66.6 F	7.2 B	3.3 ntu A	40 A	0 A
Site # 4 River at "Scenic Overlook" Awani Dr.	12-Sep-03 Grade:	16:39	7.8 A	19.5 C A	67.1 F	6.9 C	2.8 ntu A	40 A	NA
Site # 5 River, Glen Beach Edgewood Dr.	12-Sep-03 Grade:	15:37	8.4 B	19.8 C A	67.6 F	9.3 A	6.4 ntu B	40 A	0 A
Site # 6 River, N/O Pigs Lake	12-Sep-03 Grade:	16:22	8.2 B	20.4 C A	68.7 F	8.6 A	7.6 ntu B	40 A	0 A
Site # 7 River, near Gazebo N/O Lodi Lake	12-Sep-03 Grade:	15:50	7.0 A	22.3 C A	72.1 F	8.3 A	3.9 ntu A	50 A	NA
Site # 7A East end (S/o SD) Lodi Lake	12-Sep-03 Grade:	15:30	7.7 A	26.4 A	79.5 F	8.1 A	11.5 ntu B	50 A	NA
Site # 8 Lodi Lake above last Storm Drain	12-Sep-03 Grade:	15:37	7.6 A	24.3 C A	75.7 F	7.4 B	4.0 ntu A	70 A	0 A
Site # 9 River at WID Dam	12-Sep-03 Grade:	16:10	7.4 A	20.3 A	68.5 F	8.1 A	4.1 ntu A	40 A	0 A

NA = Not Analyzed (equipment problems)

GRADE:	pH	Temp	D.O.	Turbidity	TDS
A	7.0 - 8.0	Weather	> 85% Saturation	< 5	< 150
B	6.5-6.9, 8.1-8.5	and	75-84% Sat.	5 - 20	151 - 300
C	6.0-6.4, 8.6-9.0	condition	65-74% Sat.	21 - 50	301 - 500
D	5.5-5.9, 9.1-9.5	dependent	55-64% Sat.	50 - 150	501 -1000
F	<5.5, >9.5		< 55%Sat., <5.0mg/L	> 150	> 1000

Remarks
Chemet DO= 6.5mg/L
Chemet DO= 6.0mg/L
During testing, dog came and played in water
Person jet-skiing near test site
Motor boat came by, cows grazing
from drain site, just n/of log boom

<u>Nitrates</u>
< 1
2 - 3
4 - 5
6 - 10
> 10