

Lodi Citizen's Monitoring - Lodi, California
July 16, 2010

16-Jul Air temperatures for averaging
 site 1 29.9
 site 2
 site 5
 site 7

Weather: Clear, sunny, calm. (29.1C/ 84.4F) **Last rain:** 5- 30-10 **Season total:** 19.25"
Visual Observations: Odor- Sites # 1, 9-A- None.
 Algae- Site # 1, 9-A- None.
16-Jul-10 Foam- Site # 1- Site-# 9-A- None. site 7A
 Turbidity- Sites- # 1- # 9-A- None. site 8
 Flow- Sites # 1- Low; # 9-A- Medium.
 Oil- All sites- none.
 Litter- Sites- All sites- None. site 9
 Color- Site # 1-# 9-A- None. site 9A 28.3
 River Water Level- River level up, dam closed, Mokelumne River impounded, Lodi Lake filled- 03-01-10. site 9A

29.1 C	
84.4 F	

Sites Sites # 1-Vacrezza Private Property - Monitored by: Jim Elliot CHS-Tom Bray- teacher
Monitored Site # 9-A- From WID Bridge- Below dam- Jim Elliot CHS-Tom Bray- teacher
by Team:

Test Site	Date	Time	pH	Water Temperature		Dissolved Oxygen mg/L	Turbidity NTU	(TDS) Conduct. uS	Nitrate, as mg/L Nitrogen	Remarks
Site #1	16-Jul-10	11:55	7.0	19.1 C	66.4 F	8.1	7.9 ntu	40	no test	no comments
River before City Storm System inlets										
Site # 2										no data available
River near Casa de Lodi										
Site # 5										no data available
River at 1050 N Lincoln										
Site # 7										no data available
River, near Gazebo N/O Lodi Lake										
Site # 7A										no data available
East end (S/o SD) Lodi Lake										
Site # 8										no data available
Lodi Lake Near Storm Drain										
Site # 9										not available
River- Upstream of dam										
Site # 9A										not available
River below WID Dam, streamside										
Site # 9A	16-Jul-10	11:35	7.1	19.8 C	67.6 F	9.7	N/A	40	No test	no comments
River below WID Dam, from bridge										

Temperature	Saturation percentages of Dissolved Oxygen ppm or mg/L				
	100%	85%	75%	65%	55%
0 °C	14.6	12.4	11.0	9.5	8.0
1 °C	14.2	12.1	10.7	9.2	7.8
2 °C	13.9	11.8	10.4	9.0	7.6
3 °C	13.5	11.5	10.1	8.8	7.4
4 °C	13.2	11.2	9.9	8.6	7.3
5 °C	12.8	10.9	9.6	8.3	7.0
6 °C	12.5	10.6	9.4	8.1	6.9
7 °C	12.2	10.4	9.2	7.9	6.7
8 °C	11.9	10.1	8.9	7.7	6.5
9 °C	11.6	9.9	8.7	7.5	6.4
10 °C	11.3	9.6	8.5	7.3	6.2
11 °C	11.1	9.4	8.3	7.2	6.1
12 °C	10.8	9.2	8.1	7.0	5.9
13 °C	10.6	9.0	8.0	6.9	5.8
14 °C	10.4	8.8	7.8	6.8	5.7
	100%	85%	75%	65%	55%
15 °C	10.2	8.7	7.7	6.6	5.6
16 °C	9.9	8.4	7.4	6.4	5.4
17 °C	9.7	8.2	7.3	6.3	5.3
18 °C	9.5	8.1	7.1	6.2	5.2
19 °C	9.3	7.9	7.0	6.0	5.1
20 °C	9.2	7.8	6.9	6.0	5.1
21 °C	9.0	7.7	6.8	5.9	5.0
22 °C	8.8	7.5	6.6	5.7	4.8
23 °C	8.7	7.4	6.5	5.7	4.8
24 °C	8.5	7.2	6.4	5.5	4.7
25 °C	8.4	7.1	6.3	5.5	4.6
26 °C	8.2	7.0	6.2	5.3	4.5
27 °C	8.1	6.9	6.1	5.3	4.5