

Lodi Citizen's Monitoring - Lodi, California

June 18

18-Jun

Air temperatures for averaging

site 1

28.3

site 2

Weather: Clear, sunny, calm. (23.6C/ 74.5F) **Last rain:** 5- 30-10 **Season total:** 19.25"

Visual Observations: Odor- Sites # 1, 9-A- None.

Algae- Site # 1, 9-A- None.

Foam- Site # 1- Separated Bubbles. Site-# 9-A- None.

Turbidity- Sites- # 1- # 9-A- None.

Flow- Sites # 1,# 9-A- High.

Oil- All sites- none.

Litter- Sites- All sites- None.

Color- Site # 1-# 9-A- None.

River Water Level- River level up, dam closed, Mokelumne River impounded, Lodi Lake filled- 03-01-10.

site 7A

site 8

site 9

site 9A

site 9A

29.9

| | |
|--------|--|
| 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 |
|---------------------------------------|-----------|-------|-----|-------------------|--------|-----------------------|---------------|-------------------|---------------------------|-------------------------------------|
| | | | | 18.2 C | 64.8 F | | | | | |
| Site #1 | 18-Jun-10 | 15:40 | 6.4 | 18.2 C | 64.8 F | 8.3 | 6.6 ntu | 30 | ND | cottonwood seed and pollen in water |
| River before City Storm System inlets | | | C | A | | A | B | A | | |
| 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 | 18-Jun-10 | 14:20 | 6.3 | 19.4 C | 66.9 F | 9.1 | 4.3 ntu | 40 | 0 | water flow ing fast over spillw ay |
| River below WID Dam, from bridge | | | C | A | | A | A | A | A | |

| 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 |