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|--|-----------|-------|----------|-------------|--------|----------|--------------|---------|-----|---------------|
| River- Upstream of dam | | | | | | | | | | not available |
| Site # 9A River below WID Dam, under bridge | 12-Feb-10 | 14:30 | 6.5 B | 15.9 C A | 60.6 F | 9.7 A | 4.7 ntu A | 50 A | N/D | |

Weather: Very windy, drizzle, rain, overcast/cloudy (14.5 C/58.1F) **Last rain:** 2-26-10 **Season total:** 13.32"

date **Visual observations:** **Odor-** none. **Algae-** none. **Foam-** All sites- none.

26-Feb-10 Turbidity- Site 1,2,7,8,9-A- none.

Oil- All sites- none. **Flow-** Sites- 1, 7, 9-A- low. Site- 2- medium. Sites- 7, 9-A- low. Site- 8- none.

Litter- Site 1,2, 9-A - none. Site 7 - Light- < 5 pieces. Site 8- High- 11-25 pieces.

Color- Site 1- Brown. Site 7- None. Site 2- Olive brown-. 9-A.

River Water Level- River level down, dam open, Mokelumne River NOT impounded, Lodi Lake emptied.

Monitors: **Team # 1-** Sites # 1, 2 - Ms. Hall- Lodi Academy- Students- Alex, Jenneyffer Landaverde, Janessa Menefee, Evan Davis, Hillary Allen

Team # 2- Sites # 7, 8- Tokay High- (Mrs. Starr)- Jenna Kanegawa, Gordon Wong, R. Starr, B & J Copeland Sarmiento

Team# 3- Jim Elliot CHS- (Mr. Bray)- Tyler Nuss, Megan Crutchfield, Alis Sokolova.

| Test Site | Date | Time | pH | Water Temperature | | Dissolved Oxygen mg/L | Turbidity NTU | (TDS) Conduct. uS | Nitrate, as mg/L Nitrogen | Remarks |
|--|-----------|-------|----------|-------------------|--------|-----------------------|---------------|-------------------|---------------------------|---------------------------------|
| Site #1 River before City Storm System inlets | 26-Feb-10 | 13:30 | 7.6 A | 11.1 C A | 51.8 F | 11.5 A | 50.0 ntu A | 20 A | 0 | DO seems supersaturated? |
| Site # 2 River near Casa de Lodi | 26-Feb-10 | 14:00 | 7.7 A | 10.9 C A | 51.8 F | 11.2 A | 50.0 ntu | 20 | 0 | DO seems supersaturated? |
| Site # 5 River at 1050 N Lincoln | | | | | | | | | | no data available |
| Site # 7 River, near Gazebo N/O Lodi Lake | 26-Feb-10 | 15:34 | 7.9 A | 12.4 C A | 52.7 F | 9.4 A | 14.8 ntu B | 30 A | 0 | pouring rain |
| Site # 7A East end (S/o SD) Lodi Lake | | | | | | | | | | lake emptied- no data available |
| Site # 8 | 26-Feb-10 | 16:23 | 7.4 | 15.7 C | 54.5 F | 8.5 | 18.6 ntu | 100 | 0.12 | Pine |

| | | | | | | | | | | |
|---|-----------|-------|----------|-------------|--------|----------|--------------|---------|-----------|---------------------------------|
| Lodi Lake near Storm Drain | | | A | A | | A | B | A | A | type stormwater- pouring! |
| Site # 9A River below WID Dam at Bridge | 26-Feb-10 | 14:00 | 7.3 A | 13.3 C B | 52.2 F | 8.4 B | 5.8 ntu B | 30 A | 0.09 A | River dammed. Low flow. |

NA = Not Analyzed

ND= None Detected

| <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 |