

Boldly "X" this box if there is qualified data on this page.

# CALIBRATION LOG (FDEP SOP FT 1000-FT 1500, FD 1000-FD 4000) 02-05-2018

Project/Site: Reference Stream/Smith Creek Soperchoppy Date: 4/24/2019

Meter # 154185

Maintenance performed? (circle one) YES NO Date of maintenance: 4/26/19 Maintenance Log Page: # 5

| Temperature (Quarterly)          |                 | For Date of Last Temperature Verification see _____ in log book |          |         |              |                   |                              |         |          |               |                  |              |           |
|----------------------------------|-----------------|-----------------------------------------------------------------|----------|---------|--------------|-------------------|------------------------------|---------|----------|---------------|------------------|--------------|-----------|
| Dissolved Oxygen                 | DEP SOP FT 1500 | Initials                                                        | Date     | Time    | Probe Charge | Probe Gain        | Saturation mg/L (from chart) | Temp °C | % DO     | Reading mg/L  | Pass or Fail     | Qualifier    |           |
| Acceptance Criteria: +/- 0.3mg/l |                 |                                                                 |          |         |              |                   |                              |         |          |               |                  |              |           |
| CAL                              | ICV             | CCV                                                             | SEP      | 4/24/19 | 1015         |                   |                              | 8.498   | 23.5     | 99.3          | 8.45             | P F          |           |
| CAL                              | ICV             | CCV                                                             | SEP      | 4/25/19 | 1628         |                   |                              | 8.434   | 23.9     | 99.34         | 8.36             | P F          |           |
| CAL                              | ICV             | CCV                                                             |          |         |              |                   |                              |         |          | 99.1          |                  | P F          |           |
| CAL                              | ICV             | CCV                                                             |          |         |              |                   |                              |         |          |               |                  | P F          |           |
| CAL                              | ICV             | CCV                                                             |          |         |              |                   |                              |         |          |               |                  | P F          |           |
| CAL                              | ICV             | CCV                                                             |          |         |              |                   |                              |         |          |               |                  | P F          |           |
| CAL                              | ICV             | CCV                                                             |          |         |              |                   |                              |         |          |               |                  | P F          |           |
| Specific Conductance             |                 | DEP SOP FT 1200                                                 | Initials | Date    | Time         | Standard μmhos/cm | Exp. Date                    | Lot #   | Bottle # | Cell Constant | Reading μmhos/cm | Pass or Fail | Qualifier |
| Acceptance Criteria: +/- 5%      |                 |                                                                 |          |         |              |                   |                              |         |          |               |                  |              |           |
| CAL                              | ICV             | CCV                                                             | SEP      | 4/24/19 | 1006         | 100               | 5/2020                       | 1805F81 | 1        |               | 99.6             | P F          |           |
| CAL                              | ICV             | CCV                                                             | SEP      | 4/25/19 | 1620         | 100               | 7/2020                       | 2808884 | 1        |               | 97.5             | P F          |           |
| CAL                              | ICV             | CCV                                                             |          |         |              |                   |                              |         |          |               |                  | P F          |           |
| CAL                              | ICV             | CCV                                                             |          |         |              |                   |                              |         |          |               |                  | P F          |           |
| CAL                              | ICV             | CCV                                                             |          |         |              |                   |                              |         |          |               |                  | P F          |           |
| CAL                              | ICV             | CCV                                                             |          |         |              |                   |                              |         |          |               |                  | P F          |           |
| CAL                              | ICV             | CCV                                                             |          |         |              |                   |                              |         |          |               |                  | P F          |           |
| pH                               |                 | DEP SOP FT 1100                                                 | Initials | Date    | Time         | Standard SU       | Exp. Date                    | Lot #   | Bottle # | Slope         | Reading SU       | Pass or Fail | Qualifier |
| Acceptance Criteria: +/- 0.2 SU  |                 |                                                                 |          |         |              |                   |                              |         |          |               |                  |              |           |
| CAL                              | ICV             | CCV                                                             | SEP      | 4/24/19 | 1010         | 7.0               | 10/2019                      | 180403C | 1        |               | 7.08             | P F          | J         |
| CAL                              | ICV             | CCV                                                             | SEP      | 4/25/19 | 1622         | 4.0               | 7/2019                       | 180621D | 1        |               | 4.97             | P F          |           |
| CAL                              | ICV             | CCV                                                             |          |         |              |                   |                              |         |          |               |                  | P F          |           |
| CAL                              | ICV             | CCV                                                             |          |         |              |                   |                              |         |          |               |                  | P F          |           |
| CAL                              | ICV             | CCV                                                             |          |         |              |                   |                              |         |          |               |                  | P F          |           |
| CAL                              | ICV             | CCV                                                             |          |         |              |                   |                              |         |          |               |                  | P F          |           |
| CAL                              | ICV             | CCV                                                             |          |         |              |                   |                              |         |          |               |                  | P F          |           |

Weekly pH Slope: \_\_\_\_\_ Specific Conductance Probe Cleaned? Yes No Dissolved Oxygen Membrane Changed: Yes No

## Notes:

pH maintenance needed - will perform 4/26/19 SEP  
pH would not stabilize in field.

Perform only in Calibrate Mode:  
Perform only in Run Mode:  
Perform only in Run Mode:

CAL - Calibrate -  
ICV - Initial Calibration Verification  
CCV - Continuing Calibration Verification