

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

Form FD9000-8 CALIBRATION LOG (FDEP SOP FT 1000-FT 1500, FD 1000-FD 4000) 11-10-05

Project/Site: RQ-2017-10-02-37

Date: 10/3/17

Meter # DEP 132237

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 | mg/L       | Temp °C      | % DO       | Saturation mg/L (from chart) | Pass or Fail |
|-------------------------------------|-----|-----------------|-----------|-------------|-------------|--------------|------------|------------|--------------|------------|------------------------------|--------------|
| Acceptance Criteria: $\pm 0.3$ mg/L |     |                 |           |             |             |              |            |            |              |            |                              |              |
| CAL                                 | ICV | CCV             | <u>ME</u> | <u>10/3</u> | <u>0730</u> |              |            | <u>8.4</u> | <u>23.87</u> | <u>99</u>  | <u>8.434</u>                 | <u>P</u>     |
| CAL                                 | ICV | CCV             | <u>ME</u> | <u>10/3</u> | <u>1640</u> |              |            | <u>8.3</u> | <u>25.4</u>  | <u>101</u> | <u>8.203</u>                 | <u>P</u>     |
| CAL                                 | ICV | CCV             |           |             |             |              |            |            |              |            |                              | <u>P</u>     |
| CAL                                 | ICV | CCV             |           |             |             |              |            |            |              |            |                              | <u>P</u>     |
| CAL                                 | ICV | CCV             |           |             |             |              |            |            |              |            |                              | <u>P</u>     |
| CAL                                 | ICV | CCV             |           |             |             |              |            |            |              |            |                              | <u>P</u>     |
| CAL                                 | ICV | CCV             |           |             |             |              |            |            |              |            |                              | <u>P</u>     |
| CAL                                 | ICV | CCV             |           |             |             |              |            |            |              |            |                              | <u>P</u>     |

| Specific Conductance             |     | DEP SOP FT 1200 | Initials  | Date        | Time        | Standard $\mu$ mhos/cm | Exp. Date       | Lot #           | Bottle # | Cell Constant | Reading $\mu$ mhos/cm | Pass or Fail |
|----------------------------------|-----|-----------------|-----------|-------------|-------------|------------------------|-----------------|-----------------|----------|---------------|-----------------------|--------------|
| Acceptance Criteria: $\pm 1-5\%$ |     |                 |           |             |             |                        |                 |                 |          |               |                       |              |
| CAL                              | ICV | CCV             | <u>ME</u> | <u>10/3</u> | <u>0735</u> | <u>12900</u>           | <u>6/6/18</u>   | <u>KCL 17-2</u> |          |               | <u>12900</u>          | <u>P</u>     |
| CAL                              | ICV | CCV             | <u>ME</u> | <u>10/3</u> | <u>0736</u> | <u>1413</u>            | <u>9/20/18</u>  | <u>KCL 17-4</u> |          |               | <u>1412</u>           | <u>P</u>     |
| CAL                              | ICV | CCV             | <u>ME</u> | <u>10/3</u> | <u>1145</u> | <u>100</u>             | <u>02/20/19</u> | <u>2703996</u>  |          |               | <u>103</u>            | <u>P</u>     |
| CAL                              | ICV | CCV             |           |             |             |                        |                 |                 |          |               |                       | <u>P</u>     |
| CAL                              | ICV | CCV             |           |             |             |                        |                 |                 |          |               |                       | <u>P</u>     |
| CAL                              | ICV | CCV             |           |             |             |                        |                 |                 |          |               |                       | <u>P</u>     |
| CAL                              | ICV | CCV             |           |             |             |                        |                 |                 |          |               |                       | <u>P</u>     |
| CAL                              | ICV | CCV             |           |             |             |                        |                 |                 |          |               |                       | <u>P</u>     |

| pH                                |     | DEP SOP FT 1100 | Initials  | Date        | Time        | Standard SU | Exp. Date      | Lot #          | Bottle # | mV / Slope    | Reading SU  | Pass or Fail |
|-----------------------------------|-----|-----------------|-----------|-------------|-------------|-------------|----------------|----------------|----------|---------------|-------------|--------------|
| Acceptance Criteria: $\pm 0.2$ SU |     |                 |           |             |             |             |                |                |          |               |             |              |
| CAL                               | ICV | CCV             | <u>ME</u> | <u>10/3</u> | <u>0740</u> | <u>7</u>    | <u>04/2018</u> | <u>2605804</u> |          | <u>-13.6</u>  | <u>7.0</u>  | <u>P</u>     |
| CAL                               | ICV | CCV             | <u>ME</u> | <u>10/3</u> | <u>0741</u> | <u>4</u>    | <u>10/2018</u> | <u>2611883</u> |          | <u>163.6</u>  | <u>4.0</u>  | <u>P</u>     |
| CAL                               | ICV | CCV             | <u>ME</u> | <u>10/3</u> | <u>0742</u> | <u>10</u>   | <u>10/2017</u> | <u>1605846</u> |          | <u>-178.5</u> | <u>10.0</u> | <u>P</u>     |
| CAL                               | ICV | CCV             | <u>ME</u> | <u>10/3</u> | <u>0745</u> | <u>4</u>    | <u>10/2018</u> | <u>2611883</u> |          | <u>-181.3</u> | <u>4.0</u>  | <u>P</u>     |
| CAL                               | ICV | CCV             | <u>ME</u> | <u>10/3</u> | <u>1650</u> | <u>10</u>   | <u>10/2017</u> | <u>1605846</u> |          | <u>-181.3</u> | <u>10.0</u> | <u>P</u>     |
| CAL                               | ICV | CCV             |           |             |             |             |                |                |          |               |             | <u>P</u>     |
| CAL                               | ICV | CCV             |           |             |             |             |                |                |          |               |             | <u>P</u>     |
| CAL                               | ICV | CCV             |           |             |             |             |                |                |          |               |             | <u>P</u>     |
| CAL                               | ICV | CCV             |           |             |             |             |                |                |          |               |             | <u>P</u>     |

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

Notes: