

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

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

Project/Site: RMS Run

Date: 12/5/16

Meter # DEP 113529

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 |
|------------------|-----------------|----------|------|------|--------------|------------|------|---------|------|------------------------------|--------------|
|------------------|-----------------|----------|------|------|--------------|------------|------|---------|------|------------------------------|--------------|

|     |     |     |      |         |      |  |     |      |     |     |   |
|-----|-----|-----|------|---------|------|--|-----|------|-----|-----|---|
| CAL | ICV | CCV | B.R. | 12/5/16 | 1755 |  | 8.7 | 22.1 | 100 | 8.7 | P |
| CAL | ICV | CCV | B.R. | 12/5/16 | 1759 |  | 8.7 | 22.1 | 99  | 8.7 | P |
| CAL | ICV | CCV | B.R. | 12/6/16 | 1724 |  | 4.0 | 20.6 | 100 | 4.0 | P |
| CAL | ICV | CCV |      |         |      |  |     |      |     |     | P |
| CAL | ICV | CCV |      |         |      |  |     |      |     |     | P |
| CAL | ICV | CCV |      |         |      |  |     |      |     |     | P |
| CAL | ICV | CCV |      |         |      |  |     |      |     |     | P |
| CAL | ICV | CCV |      |         |      |  |     |      |     |     | P |

| Specific Conductance | DEP SOP FT 1200 | Initials | Date | Time | Standard $\mu\text{mhos/cm}$ | Exp. Date | Lot # | Bottle # | Cell Constant | Reading $\mu\text{mhos/cm}$ | Pass or Fail |
|----------------------|-----------------|----------|------|------|------------------------------|-----------|-------|----------|---------------|-----------------------------|--------------|
|----------------------|-----------------|----------|------|------|------------------------------|-----------|-------|----------|---------------|-----------------------------|--------------|

|     |     |     |      |         |      |       |         |         |  |  |   |
|-----|-----|-----|------|---------|------|-------|---------|---------|--|--|---|
| CAL | ICV | CCV | B.R. | 12/5/16 | 1805 | 58640 | 10/4/17 | KC116-7 |  |  | P |
| CAL | ICV | CCV | B.R. | 12/5/16 | 1810 | 58640 | 10/4/17 | KC116-7 |  |  | P |
| CAL | ICV | CCV | B.R. | 12/6/16 | 1730 | 12900 | 10/4/17 | KC116-6 |  |  | P |
| CAL | ICV | CCV |      |         |      |       |         |         |  |  | P |
| CAL | ICV | CCV |      |         |      |       |         |         |  |  | P |
| CAL | ICV | CCV |      |         |      |       |         |         |  |  | P |
| CAL | ICV | CCV |      |         |      |       |         |         |  |  | P |
| CAL | ICV | CCV |      |         |      |       |         |         |  |  | P |

| pH | DEP SOP FT 1100 | Initials | Date | Time | Standard SU | Exp. Date | Lot # | Bottle # | mV / Slope | Reading SU | Pass or Fail |
|----|-----------------|----------|------|------|-------------|-----------|-------|----------|------------|------------|--------------|
|----|-----------------|----------|------|------|-------------|-----------|-------|----------|------------|------------|--------------|

|     |     |     |      |         |      |      |           |         |  |  |   |
|-----|-----|-----|------|---------|------|------|-----------|---------|--|--|---|
| CAL | ICV | CCV | B.R. | 12/6/16 | 0950 | 7.0  | Apr. 2018 | 2608F03 |  |  | P |
| CAL | ICV | CCV |      |         |      | 4.0  | Apr. 2018 | 2605804 |  |  | P |
| CAL | ICV | CCV |      |         |      | 10.0 | Oct. 2017 | 1605846 |  |  | P |
| CAL | ICV | CCV |      |         |      | 10.0 | Oct. 2017 | 1605846 |  |  | P |
| CAL | ICV | CCV |      |         |      | 4.0  | Apr. 2018 | 2608F03 |  |  | P |
| CAL | ICV | CCV |      |         |      |      |           |         |  |  | P |
| CAL | ICV | CCV |      |         |      |      |           |         |  |  | P |
| CAL | ICV | CCV |      |         |      |      |           |         |  |  | P |

Maintenance: Weekly pH Slope: 0.45 Specific Conductance Probe Cleaned? Yes No Dissolved Oxygen Membrane Changed: Yes No

in V study before/after calibration