

Meter ID:

SMEK

RQ-

2021-02-22-41

Project:

5m

Notes: (1) Always wait for meter to stabilize before recording any readings.
(2) Report all digits displayed. Do not round before reporting measurements. (See special instructions for depth).
(3) For Calibrations, record calibrated meter reading. Do not record initial meter reading before calibration.

Date of Last Temperature Verification

2/11/21

DO	BEP SOP	Name	Date	Time	Temp.	Baro- meter Reading	D.O. Chart mg/l	Water DO	% DO	Probe Status	Probe Error	P/F	L/F
Calibr.		Kirby Mole	2/24/21	7:12	23.0	761.3	8.6	8.58	101.1		1.285	P/F	L/F
ICV		"	"	7:15	23.1	761.1	8.6	8.71	101.8			P/F	L/F
CCV		Kirby Mole	2/24/21	15:22	27.0	754.7	8.0	7.99	100.3			P/F	L/F
CCV												P/F	L/F

DO Acceptance criteria from Table + 0.3 mg/L

Rapid-Pulse Sensors: DO Gain Range 0.7 to 1.4; DO Charge Range 25-75.

Optical: DO gain range 0.85 to 1.15 (Pro DSS 0.75 to 1.50); DO charge N/A. **Rapid-Pulse Sensors:** DO Gain Range 0.7 to 1.4; DO Charge Range 25-75. **Steady-state & Galvanic Sensors:** DO Gain & Charge N/A.

[illegible]Conductivity Acceptance criteria $\pm 5\%$

PR DEP SEP ET 1000	Name	Date	Time ET-ET	Lot #	Exp Date	Pr Exp BU	Temp °C	Exp Barrel	Base Exp	Base Exp
Calibr.	Kirby Wolfe	2/24/21	730	202114	5/22	7.0	24.0	9.04	-26.6	D/F L/F
Calibr.	"	"	734	203325	7/22	4.0	23.9	4.00	52.9	D/F L/F
Calibr.	"	"	737	2010E79	4/22	10.0	23.7	9.97	-99.4	D/F L/F
ICV	"	"	741	202114	5/22	7.0	23.6	7.00		D/F L/F
CCV	Kirby Wolfe	2/24/21	528	202114	5/22					P/F L/F
CCV	Kirby Wolfe	2/24/21	528	203325	7/22	4.0	23.8	4.07		D/F L/F

pH Acceptance criteria ± 0.2 SU; mV pH 7 Range 0 ± 50 ; mV pH 4 Range $+180 \pm 50$; mV pH 10 Range -180 ± 50 ;
If mV are recorded: slope from 7 to 10 _____, slope from 4 to 7 _____ (both must be between 165 and 180 mV)

Does meter have a depth sensor that will be used to measure total depth & sample depth? YES / NO / NA (not surf. water project)
If YES, complete daily Calibr. & ICV below and list date of last quarterly depth verification: _____

If **NO**, what will be used? (circle one) **Secchi Disk Line / Sonar** Unique ID: 3312R; Date of last verification: 2/11/21

Depth Sensor Barometric pressure ID	Time	Date	Time UTC	Latitude Longitude Other details	Altitude Pressure	P/F	L/F
Pressure mode in air						P / F	L / F

Report two decimal places. Round numbers ≤ 4 down, ≥ 5 up. ICV acceptance criteria $\pm 5\%$ or $\pm 0.05m$, whichever is greater.

COMMENTS: