

Meter ID:

Snek

RQ-

2021-03-15-54

Project:

5mP

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.

Temperature (Quarterly) FT 1400

Date of Last Temperature Verification 2/11/21

DO	Temp	Date	Water	Temp	Temp	DO	Temp	Temp	DO	Temp	Temp	DO	Temp	Temp	DO	Temp	Temp
DEP SGP			Depth	Time	Time	Time	Time	Time	Time	Time	Time	Time	Time	Time	Time	Time	Time
FT 3500																	
Calibr.	K-23/M/L	3/15/21	710	23.9	759.9	8.4	8.44	99.3		1294	P/F	L/F					
ICV			713	23.8	759.9	8.4	8.49	100.4			P/F	L/F					
CCV	K-23/M/L	3/15/21	1615	25.1	759.2	7.8	7.83	100.3			P/F	L/F					
CCV											P/F	L/F					

DO Acceptance criteria from Table 4.0.3: $\pm 0.3 \text{ mg/L}$

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.

Spec. Cond.	Name	Date	Temp. (C/F)	Temp.	Exp. Date	Standard Limitation	Meas. Reading	Pass	Fail
Calibr.	Kirby/No life	8/15/24	71.5	20/40/77	12/22	50.000	48.77	P/F	L/F
ICV		11	72.1	1009989	8/22	2500	2530	P/F	L/F
CCV	Kirby/No life	8/15/24	66.7	2007074	7/22	500	485.5	P/F	L/F
CCV								P/F	L/F

Conductivity Acceptance criteria $\pm 5\%$

Conductivity Acceptance criteria $\pm 5\%$

PH DEP SEP ET 1000	Name	Date	Time Start	Log#	Date	Time Start	Temp C	Temp F	Humid %	Wind Kt	Wind Dir	Wind Gust	Wind Dir
Calibr.	Kirby Wolfe	3/15/24	732	2012982	11/22	7.	24.1	7.10	31.2	P/F	L/F		
Calibr.	11	11	733	2011891	10/22	4.0	24.2	3.99	15.0	P/F	L/F		
Calibr.	11	11	736	2010E79	4/22	10.	24.3	10.01	20.9	P/F	L/F		
ICV			740	2012982	11/22	7.0	24.1	7.02		P/F	L/F		
CCV	Kirby Wolfe	3/15/24	1625	2011891	10/22	4.0	23.9	4.14		P/F	L/F		
CCV										P/F	L/F		

pH Acceptance criteria ± 0.2 SU; mV pH 7 Range 0 ± 50 ; mV pH 4 Range -180 ± 50 ; mV pH 10 Range -180 ± 50 ;
If mV are recorded, also for 7, 10, 13, 16, 19, 22, 25, 28, 31, 34, 37, 40, 43, 46, 49, 52, 55, 58, 61, 64, 67, 70, 73, 76, 79, 82, 85, 88, 91, 94, 97, 100

If mV are recorded: slope from 7 to 10 170.7, slope from 4 to 7 182.4 (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: 33128; Date of last verification: 2/11/20

Device Sensor (Battery calibration) (V)	Time	Date	Time (UTC)	Channel Value (mV)	Channel meter	Pass Fail	Pass Fail
Pressure mode in air						P / F	L / F

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

COMMENTS: