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SENSOR SERIAL NUMBER: 1410
CALIBRATION DATE: 28-Feb-22

SBE 18 pH CALIBRATION DATA

pH COEFFICIENTS:
pHslope = 4.5168
pHoffset = 2.5277

pH BUFFER	TEMPERATURE (°C)	INSTRUMENT OUTPUT (volts)	COMPUTED pH	RESIDUAL (pH)
4.0	24.4	1.724	3.986	-0.014
7.0	24.4	2.535	7.027	0.027
10.0	24.4	3.324	9.986	-0.014

Vout = Instrument pH sensor output in volts

$$\text{pH} = 7.0 + (\text{Vout} - \text{pHoffset}) / (\text{pHslope} * \text{°K} * 1.98416\text{E-}4)$$

$$\text{Residual (pH)} = \text{instrument pH} - \text{buffer pH}$$

