

FIELD EQUIPMENT VERIFICATION (PRE/POST A WEEKLY SAMPLING):

Teams:	Technician:	Session Sample No:	Pre date:	Pre time:	Post Date:	Post time:
	D. Reed	16	1/23/17	12:08 PM	1/26/17	11:01

QA/QC Check	Inst #	Probe #	Last Cal Date	Verification Standard		PRE: Verification Value		POST: Verification Value		Acceptable Range (Check range)	Comments/ Notes
Temperature			Not applic			22.9		23.1		± 1°C of NIST	Within 1°C
		S-1				23.2		23.5			
		S-2				23.3		23.5			
Salinity		X		0ppt	35ppt	~0	33.4	~0	33.4	± 3%, blank	33.95 – 36.05
		1	12/12/16			.04	34.5	.04	32.7		Had to read several times before getting 3 same readings
		2	12/12/16			.04	33.7	.04	33.7		Needed no extra time to settle
Dissolved Oxygen				100%		100%		100%		Post-check ± 5 % of pre-check (0-100%)	80 – 120 %
		1	7/25/16			96.1		98.8			
		2	7/25/16			97.8		99.7			
pH				7	10	7.00	10.01	7.00	10.01	± 3 % of calibration solution (6-8)	6.79 – 7.21
		3	1/23/17			7.01	10.03	7.01	10.02		Calibration
		2	1/23/17			7.01	10.03	7.05	10.05		Values * pH 10 buffer

Notes: Soaked S-1 in 10% HCl on 1/24/17 to try and decrease stabilization time. Recalibrated after soaking.

set to expire 2/2017 seems to be not quite 10.01 anymore