Technician: Dana Reed Sampler contact: Date and Time: June 13, 2016 3:30 PM

FIELD EQUIPMENT CALIBRATION:

QA/QC Check	Date	Time	~~NIST~~ Calibration standard	Calibration value	Acceptable Range	Zero value	
Temperature	6/13/16	3:30	NIST 27.1	27.0/27.1	± 1°C		
Salinity	6/13/16	3:40	35 PPT	35.6	33.25 – 36.75		re-calibrated
Dissolved Oxygen	—						
pH	6/13/16	3:50	4.01, 7 10.01		Calibration done Cal OK		
Turbidity 1	3/22/16	20	19.6		+/- 2%		Verification in field
Turbidity 2	↓	100	99.4		↓		
Turbidity 3	↓	800	791		↓		

Notes: Re-calibrated salinity probe even though it was within ±5% of standard value during cal verification.

Technician: Dana Reed Sampler contact: Date and Time: June 14, 2016

FIELD EQUIPMENT CALIBRATION:

QA/QC Check	Date	Time	Calibration standard	Calibration value	Acceptable Range	Zero value
Temperature	6/13/16	3:30	NIST 27.1	27.1, 27.2, 27.1		
Salinity	6/13/16	3:40	35 PPT			Verify only
Dissolved Oxygen	—					
pH	6/14/16	12:40	7.00	7.01		
Turbidity 1	3/22/16		20	19.6	+/- 2%	Secondary checks OK
Turbidity 2	↓		100	99.4	+/- 2%	
Turbidity 3	↓		800	791	+/- 2%	

Verify

Notes: All secondary checks well within range on turbidity

Technician: Dona Reed Sampler contact: Date and Time: June 15, 2016

FIELD EQUIPMENT CALIBRATION:

QA/QC Check	Date	Time	Calibration standard	Calibration value	Acceptable Range	Zero value ?
Temperature	6/15/16	7:20	NIST		all probes within 0.1°C of NIST	
Salinity	6/13/16		35ppt	35.6	re-calibrated 6/13	no verify
Dissolved Oxygen	—					
pH	6/13/16		4, 7, 10	-58.04 mV/pH -7.0 mV	98%	
Turbidity 1	3/22/16		20	19.6	~~+/-~~ +/-2%	
Turbidity 2	↓		100	99.4	"	
Turbidity 3	↓		800	791	"	

pH check 6/14/16 7.01

pH check 6/16/16 7.00

Notes: