

Technician: *Dana Reed*

Sampler contact:

Date and Time: *7/25/2016*FIELD EQUIPMENT VERIFICATION (BEFORE A WEEKLY SAMPLING):

QA/QC Check	Date	Time	Calibration standard	Calibration value	Acceptable Range (Check range)	Comments/ Notes
Temperature					n/a (20 – 35C)	
Salinity ¹ / ₂	<i>7/25/16</i>	<i>10:46</i> <i>10:54</i>	<i>35</i>	<i>35.0</i> <i>35.0</i>	± 3% of calibration solution (20 – 38ppt)	<i>Calibrated both probes</i>
Dissolved Oxygen	<i>7/25/16</i>		<i>100%</i> <i>SAT AIR</i>	<i>100%</i> <i>100%</i>	Post-check ± 5 % of pre-check (0-100%)	<i>Calibrated " "</i>
pH	<i>7/25/16</i>	<i>10:27</i> <i>10:36</i>	<i>4.01</i> <i>7.0</i> <i>10.01</i>	<i>4.00</i> <i>6.99</i> <i>10.01</i> <i>4.01</i> <i>6.99</i> <i>9.98</i>	± 3 % of calibration solution (6-8)	<i>" "</i>

General Notes: *Calibrated all 3 probes for both HQ40D meters today. First calibrations for HQ40D-2. First DO calibration for DO-1. Salinity probes both calibrated well today. Soaking probes in tap water & then rinsing in distilled water works well. PH probes maintain their values very well from one calibration to the next.*