

Technician: *D. Reed*

Sampler contact:

Date and Time: *8/22/16*FIELD EQUIPMENT VERIFICATION (BEFORE A WEEKLY SAMPLING):

QA/QC Check	Date	Time	Calibration standard	Verif. Calibration value	Acceptable Range (Check range)	Comments/ Notes
Temperature	<i>8/22/16</i>	<i>10:30</i>	<i>27.7</i>	<i>52 27.7</i> <i>51 27.7</i>	n/a (20 – 35C)	
Salinity	<i>8/22/16</i>	<i>10:40</i>	<i>35.0</i>	<i>52 35.7</i> <i>51 35.9</i>	± 3% of calibration solution (20 – 38ppt)	33.95 – 36.05
Dissolved Oxygen	—				Post-check ± 5 % of pre-check (0-100%)	
<i>Cal</i> pH	<i>8/22/16</i>	<i>10:10</i> <i>10:17</i>	<i>4.01, 7.0</i> <i>10.01</i>	<i>51 4.00, 6.99, 9.99</i> <i>52 4.01, 6.99, 9.99</i>	± 3 % of calibration solution (6-8)	6.79 – 7.21

General Notes: *Calibrated the pH probes for both meters. Calibration of pH probes always results in very minimal change. Consider when all buffer solution is gone doing a 2 pt. calibration with 7 & 10.*

Verified salinity cal on both probes. Both probes reading slightly high on salinity but are in good agreement with each other. Distilled water read 0.0 ppt on both probes and tap water read 0.04 ppt on both probes.