

Tidewater, INC
DE-007-04
6625 Selnick Dr.
Elkridge MD 21075
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Mechanical Room - HVAC Equipment

Test	CT	Closed Loop	City
Conductivity (as mmhos)	995 900 - 1350	1000 5000 max	592 500 max
pH	8.5 7 - 9	10.3 8 - 10.5	7.8 6.5 - 8.3
Chlorides	150 80 - 180		100 50 max
Hardness, total (ppm as CaCO ₃)	200 750 max		60 200 max
Alkalinity, total (ppm as CaCO ₃)	200 400 max		60 120 max
Conductivity Cycles (Calculated)	1.7 3 - 5		
Sodium Nitrite (ppm as NaNO ₃)		100 450 - 1000	
Phosphonate (ppm as PO ₄)	10 5 min		

Opening Comment

Performed system start-up visit

Cooling Tower

Offline 

??CT is Offline

Readings are slightly out of balance currently as tower has been offline for an extended period of time. Inspected overall operating condition of water treatment equipment and determined everything is working properly. Ensured all chemical pumps are primed, chemical feed tanks will be sufficient for next several visits.

Closed Loop

Offline 

Closed Loop is Offline

Corrosion inhibitor residual is low at this time, on next visit will add more corrosion inhibitor when system is running and can circulate treatment into loop.

Will also take a sample to check condition of glycol in system.

City Water

Online 

City water currently has high levels of chlorides, this normally dilutes down to 30-40 ppm when salt is not being used to treat roads. Levels will normally lower in a few weeks in order to maximize water efficiency.

Bond Water Technologies, Inc. recommends that you perform regular and/or daily analysis to control chemical levels and cycles of concentration within established limits. Test results reflect conditions during the point in time when the analysis was performed. Additional testing may be performed upon request. As operating conditions vary, test results will change over time. Notwithstanding anything to the contrary contained in the Agreement or otherwise, (i) Bond Water Technologies and its insurers are not liable for losses caused by the Customers wrongful acts or omissions, (ii) Bond's program does not cover and it makes no guarantees with respect to waterborne pathogens including Legionella or against health risks therefrom, and (iii) in no event shall either party be liable for any consequential or indirect damages.