

CMI Management
 Bowie Army Reserve Center
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Report Number: 364842

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4600 Foxtail Place - HVAC

Test	Makeup Water	Cooling Tower	Dual Temp Glycol System
Conductivity (as mmhos)	270 Record	810 400 - 1000	4650 5000 max
pH	8.6 Record	8.6 8 - 9	9.0 8 - 10.5
Hardness, total (ppm as CaCO ₃)	30 Record	100 400 max	
Alkalinity, total (ppm as CaCO ₃)	120 Record	400 600 max	
Chlorides	10 Record	10 200 max	
Bond EcoTrace		275 70 - 125	
Molybdate (ppm as Mo)			125 50 - 200

Opening Comment

Performed water treatment service for May.

Makeup Water

Online 

Makeup water is analyzed in order to determine cycles of concentration and to set program control parameters.

Cooling Tower

Online 

On arrival I was shown that the damaged control arm was repaired, however, the heat tape and insulation still needs some work. Chemical testing found most levels were within desired ranges. The inhibitor level was found to be high and the feedrate was adjusted to bring the level down to meet current demand. All levels will normalize as the system operates. Reviewed controller programming and filled tanks as needed. I spoke with Richard Hicks during service about cleaning the containment tanks due to the leak seen the previous service visit.

Dual Temp Glycol System

Online 

Testing found all levels within desired ranges indicating good corrosion protection by the chemical treatment at this time. The system was found to contain 25% glycol providing a freeze point of 15F. The glycol feed tank currently holds 46 gallons of glycol. The closed loop filter was not changed during this visit.

Closing Comment

Attached with this report is the CoW for this visit. Please contact me with any questions regarding the treatment program.

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 Customer's 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.