

CMI Management
Bowie Army Reserve Center
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Report Number: 357446

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4600 Foxtail Place - HVAC

Test	Makeup Water	Cooling Tower	Dual Temp Glycol System	
Conductivity (as mmhos)	260 Record	420 400 - 1000	4220 5000 max	
pH	9.0 Record	8.9 8 - 9	9.0 8 - 10.5	
Hardness, total (ppm as CaCO ₃)	10 Record	40 400 max		
Alkalinity, total (ppm as CaCO ₃)	180 Record	230 600 max		
Chlorides	10 Record	15 200 max		
Bond EcoTrace		55.2 70 - 130		
Molybdate (ppm as Mo)			90 50 - 200	

Opening Comment

Performed water treatment service for January.

Makeup Water

Online 

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

Cooling Tower

Offline 

Cooling tower was idle during service. The cooling tower was run manually during service in order to add additional biocide treatment. Chemical analysis found most levels within desired ranges indicating good protection against scale formation by the chemical treatment. The tower conductivity and inhibitor level continue to fall as the tower sits idle. All levels will normalize when the system operates. Reviewed controller programming, ensured pumps were primed and filled chemical tanks as needed.

Dual Temp Glycol System

Online 

Testing found all levels within desired ranges indicating good corrosion protection by the chemical treatment at this time. The filter on the closed loop was replaced during this service visit.

Closing Comment

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