

CMI Management
Bowie Army Reserve Center
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Report Number: 360897

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4600 Foxtail Place - HVAC

Test	Makeup Water	Cooling Tower	Dual Temp Glycol System	
Conductivity (as mmhos)	280 Record	790 400 - 1000	4340 5000 max	
pH	8.8 Record	8.9 8 - 9	8.9 8 - 10.5	
Hardness, total (ppm as CaCO ₃)	40 Record	50 400 max		
Alkalinity, total (ppm as CaCO ₃)	120 Record	280 600 max		
Chlorides	10 Record	50 200 max		
Bond EcoTrace		56.1 70 - 130		
Molybdate (ppm as Mo)			110 50 - 200	

Opening Comment

Performed water treatment service for March. During this visit 3 water samples were taken from the three individual wells onsite to be tested for oil.

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 this visit. It appeared that the sump heater has been repaired as no ice was found in the tower. The cooling tower was run manually in order to add additional inhibitor and biocides to the system. Chemical testing found a low level of inhibitor in the cooling tower. The level will rise once the tower is operating. Reviewed controller programming and filled chemical pumps 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 system was found to contain 25% glycol providing a freeze point of 15F. The glycol feed tank currently holds 46 gallons of glycol. The filter on the closed loop was replaced 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.