

CMI Management
Bowie Army Reserve Center
4600 Foxtail Place
White Plains MD 20695
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Report Number: 438524

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4600 Foxtail Place - HVAC

Test	Makeup Water	Cooling Tower	Dual Temp Glycol System	
Conductivity (as mmhos)	270 Record	390 400 - 1000	4300 5000 max	
pH	8.7 Record	8.6 8 - 9	8.9 8 - 10.5	
Hardness, total (ppm as CaCO ₃)	40 Record	65 400 max		
Alkalinity, total (ppm as CaCO ₃)	170 Record	190 600 max		
Chlorides	10 Record	15 200 max		
Bond EcoTrace		29.0 70 - 125		
Molybdate (ppm as Mo)			90 50 - 200	

Opening Comment

Performed water treatment service for December. Attached with this report is the Certificate of Work for this visit.

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 at time of service. Tower conductivity and inhibitor levels were found to be a little low. All levels will rise once the system is operating. Patrick informed me that the booster pump used for the treatment equipment had been replaced and was working normally. Reviewed controller programming and filled tanks as needed. Inspection of the equipment found some of the tubing had cracked. Additional time was taken to repair the crack. It is unusual as this time line has cracked multiple times over the last 2 years. Some zip ties were used to add additional support to the lines.

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. 46 gallons of glycol remain in the feed tank.

Closing Comment

Please contact me with any questions regarding the treatment program.