

CMI Management
 Bowie Army Reserve Center
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Report Number: 344851
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4600 Foxtail Place - HVAC

Test	Makeup Water	Cooling Tower	Dual Temp Glycol System
Conductivity (as mmhos)	250 Record	595 400 - 1000	4210 5000 max
pH	8.5 Record	9.0 8 - 9	9.0 8 - 10.5
Hardness, total (ppm as CaCO ₃)	10 Record	30 400 max	
Alkalinity, total (ppm as CaCO ₃)	120 Record	300 600 max	
Chlorides	10 Record	20 200 max	
Bond EcoTrace		92.9 70 - 130	
Molybdate (ppm as Mo)			60 50 - 200

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 manual run during service in order to add additional biocide treatment. Chemical analysis found all levels within desired ranges indicating good protection against scale formation by the chemical treatment. 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 and additional Bond 5011 was added to the system 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.