

CMI Management  
Bowie Army Reserve Center  
4600 Foxtail Place  
White Plains MD 20695  
(202) 437-5119

Report Number: **436317**

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### 4600 Foxtail Place - HVAC

Test	Makeup Water	Cooling Tower	Dual Temp Glycol System	
Conductivity (as mmhos)	265 Record	410 400 - 1000	4680 5000 max	
pH	8.5 Record	8.7 8 - 9	8.9 8 - 10.5	
Hardness, total (ppm as CaCO <sub>3</sub> )	30 Record	50 400 max		
Alkalinity, total (ppm as CaCO <sub>3</sub> )	140 Record	200 600 max		
Chlorides	10 Record	10 200 max		
Bond EcoTrace		41.9 70 - 125		
Molybdate (ppm as Mo)			90 50 - 200	

### Opening Comment

Performed water treatment service for November. 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 during service. Tower conductivity and inhibitor were found to be a little low. All levels will rise as the system operates. However, Patrick informed me that the booster pump for the tower control arm had failed and will need to be replaced. The tower controller will not function without the booster pump providing water flow to the tower controller. It is unlikely this will affect the treatment program at this time as the cooling tower is not expected to operate. Reviewed controller programming 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. 46 gallons of glycol remain in the feed tank.

### Closing Comment

Please contact me with any questions regarding the treatment program.