

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

Report Number: 438524

Recorded By: James Harris  
 (410) 991-7190  
 jharris@bondwater.com

### 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 <sub>3</sub> )	40 Record	65 400 max	
Alkalinity, total (ppm as CaCO <sub>3</sub> )	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.

Bond Water Technologies, Inc. recommends that you perform regular and/or daily analysis to control chemical levels and cycles of concentration within established limits. Test results reflect conditions during the point in time when the analysis was performed. Additional testing may be performed upon request. As operating conditions vary, test results will change over time. Notwithstanding anything to the contrary contained in the Agreement or otherwise, (i) Bond Water Technologies and its insurers are not liable for losses caused by the Customer's wrongful acts or omissions, (ii) Bond's program does not cover and it makes no guarantees with respect to waterborne pathogens including Legionella or against health risks therefrom, and (iii) in no event shall either party be liable for any consequential or indirect damages.