

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

Report Number: 364841

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)	280 Record	305 400 - 1000	4400 5000 max	
pH	8.6 Record	8.6 8 - 9	8.9 8 - 10.5	
Hardness, total (ppm as CaCO ₃)	30 Record	30 400 max		
Alkalinity, total (ppm as CaCO ₃)	160 Record	170 600 max		
Chlorides	10 Record	10 200 max		
Bond EcoTrace		10 70 - 130		
Molybdate (ppm as Mo)			120 50 - 200	

Opening Comment

Performed water treatment service for April.

Makeup Water

Online 

Makeup water is analyzed in order to determine cycles of concentration and to set program control parameters.

Cooling Tower

Offline 

Chemical testing found very low levels due to the recent fill after tower cleaning. All levels will rise once the system is operating. Patrick informed me that he had been told that there had been damage done to the tower control arm that was in need of repair. We operated the cooling tower during service and I was unable to locate any water loss from the line. While the system was circulating I manually added some chemical treatment and biocide to the tower. Reviewed controller programming and filled tanks as needed.

Inspection of the equipment found that the containment tanks had leaked some chemical from the unused port. The tanks are currently filled so the cap could not be removed at this time. The caps were tightened further and I did not observe any further leak. There was no chemical spill as the slight drip ended up in the outer containment part of the tank.

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.

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

Report Number: **364841**

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

4600 Foxtail Place - HVAC

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.

Bond Water Technologies, Inc. - 630 East Diamond Avenue, Suite J / K, Gaithersburg MD 20877 (301) 721-2663

Page 2 of 2