

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

Report Number: 458529
 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	700 400 - 1000	4580 5000 max
pH	8.4 Record	8.9 8 - 9	9.0 8 - 10.5
Hardness, total (ppm as CaCO ₃)	40 Record	110 400 max	
Alkalinity, total (ppm as CaCO ₃)	140 Record	400 600 max	
Chlorides	10 Record	30 200 max	
Bond EcoTrace		32.6 70 - 125	
Molybdate (ppm as Mo)			90 50 - 200

Opening Comment

Performed water treatment service for May.

Makeup Water

Online 

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

Cooling Tower

Online 

Before arrival I received a call from Patrick that the chemical tubing had broken yet again. On arrival I found that the controller had been disabled and Patrick had mopped the floor. A large amount of time was spent cleaning the chemical leak. The tubing was replaced and covered with reinforced tubing in the event the tubing should rupture again. The floor, walls and equipment were thoroughly cleaned. Earlier this month parts had been ordered to modify the chemical pump to support a larger diameter tubing to help prevent this issue. The parts to rebuild the pump did not arrive before today's service.

Chemical testing found a low level of inhibitor in the cooling tower due to the broken line. All other readings were within desired ranges. With the tubing replaced and controller powered on all levels will normalize as the tower operates. The tower inhibitor pump was run for some time and the inhibitor level was found to be 120ppm at the end of this visit. 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. Glycol percentage was found to be 19% with a freeze point of 45 gallons of glycol are in the feed tank.

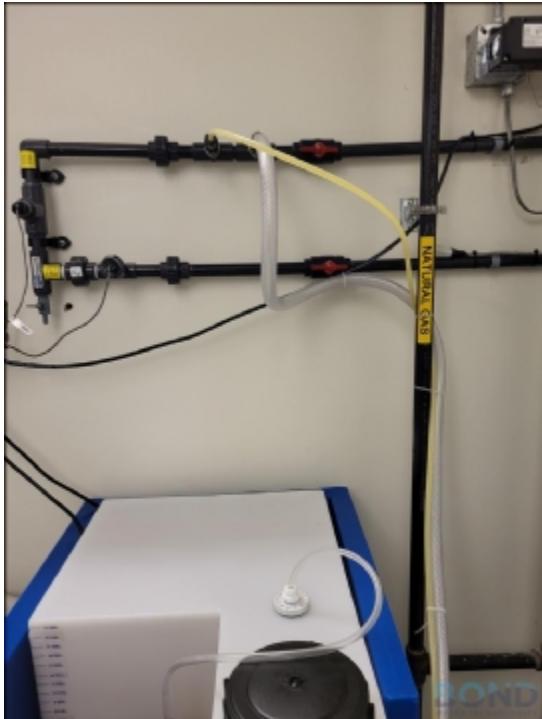
Closing Comment

Please contact me with any questions regarding the treatment program.

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4600 Foxtail Place - HVAC**Repaired chemical tubing**

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 Customers 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.