

# Service Report



Water Solutions Engineering Customer						
System	Testing Parameters					
Tower	Conductivity (mmhos)	pH	Cycles	MB (RLU)	Moly (PPM)	Comments
Make-up (Limits)	262 (200 - 300)	7.1 (6 - 8)				
Cooling Tower (Limits)	319 (900- 1100)	7.9 (8 - 9)	1.2 (3 - 4)	22 (below 75)	0.17 (0.5 1.0)	Manually fed chemical to increase molybdate levels

## Summary

### Tower:

The initial tower cleaning and flushing of the system was completed on 2-10-12 when the conductivity controller and chemical pumps were installed. In addition to the piping necessary for the controller, we also repiped the blow down line from the floor drain to the sanitary sewer drain against the wall. The conductivity of the system and the chemical levels are low but these should increase as the tower is used and the system is circulated.

### **Additional Notes:**

- While on site, I checked the tower water and it continues to have a slight orange or iron color. I will check the system again on 2/23 and, if there is not improvement, we may need to clean and flush once more to remove any and all residual iron and rust remaining in the system.
- As a reminder, the system should be circulated using the recirculation pumps at least weekly if not more often. Without water flow, the controller cannot add chemical or control conductivity. Again, it is imperative for the proper chemical treatment and protection of the system that the pumps be energized for at least 30 minutes every week.

**Thank you for your business!**