

# Service Report

Water Solutions Engineering Customer								
System	Testing Parameters							
Towers	Conductivity (mmhos)	pH	ORP (mV)	Cycles	MB (CFU)	Moly (PPM)	Make-	Comments
<b>Make-up</b>	228	7.9	408					
(Limits)	(200 - 400)	(6 - 8)	(300-500)					
<b>K-1</b>	310	8	304	1.3	10 <sup>3</sup>	0.04		
(Limits)	(600- 700)	(8 - 9)	(350-450)	(3 - 4)	(below 10 <sup>4</sup> )	(0.5 - 1.0)		valve handle broken
<b>K-3</b>	675	8.7	478	3	0	0.64		
(Limits)	(600 - 700)	(8 - 9)	(350-450)	(3 - 4)	(below 10 <sup>4</sup> )	(0.5 - 1.0)		

## Tower #1:

Today we were informed that a valve handle had been hit by a tow motor and knocked open which allowed all of the water from K-1 well to go down the drain. Upon arrival, the leak had been fixed, but the tower was without chemical due to an almost complete turnover of the water. We manually fed the chemical to bring the level back within limits. Additionally, the ORP reading on the controller was not matching our Myron 6P meter and we calibrated the controller's ORP probe. This calibration allowed the solenoid for the ORP to open and feed bromine into the system. When convenient, please provide a city water sample point somewhere in the vicinity of the chemical area; the current sample point is not very safe. Also, it is recommended that an eye wash/safety shower station be installed in the chemical area to comply with OSHA standards.

## Tower #2:

This system continues to improve. We also calibrated the ORP probe for this system. With this adjustment, the ORP should soon be within limits. The chemical drum is getting low and we anticipate needing a new drum within the next few days.

**Thank you for your business!**