## To Whom It May Concern,

For more than three decades, Sunrise Children's Hospital (<a href="www.sunrisechildrenshospital.com">www.sunrisechildrenshospital.com</a>) has been Nevada's largest and most comprehensive children's hospital. As the leading neonatal and pediatric provider in the region, we partner with physicians and hospitals throughout the Southwest to offer the most comprehensive and advanced health programs as well as access to sub-specialties for children from birth to 18 years old.

Eight months ago, a local *Hydro*FLOW (<a href="www.hydroflow-usa.com">www.hydroflow-usa.com</a>) distributor installed a water conditioning device on the recirculating pipe of the cooling tower for the Medical Office Building (MOB) next to Sunrise Hospital. At the time of installation, we were using biocide and antiscalant chemicals but our cooling tower still suffered from hard scale accumulation.

A few short weeks after we installed the *Hydro*FLOW device, we began to notice that scale deposits from inside the cooling tower began to release and collect in the sump. In addition, the Heterotrophic biological count in the water began to gradually reduce.

After three months of operation, we decided to completely disconnect our chemicals and increase the cooling tower's cycles of concentration in order to conserve water.

After five months of the cooling tower being chemical-free, there is no hard scale accumulation and the Heterotrophic biological count is well under 1,000 CFU/ML. We've also noticed that our chiller is operating more efficiently due to scale and biofilm removal.

The *Hydro*FLOW water conditioning device helped us realize substantial cost savings associated with reduced chemical consumption, maintenance, electricity and water usage. For additional information, please contact Mike Colton from *Hydro*FLOW West at <a href="mike@hydroflowwest.com">mike@hydroflowwest.com</a>.

Included are a few photographs for reference purposes.

Sincerely,

Mike Penosa CBRE - Project Management 3201 S. Maryland Parkway Suite 406 Las Vegas, NV 89109





Cooling tower prior to the *Hydro*FLOW installation



Plugged fills restricting water flow prior to *Hydro*FLOW



Rock hard scale on drift eliminators prior to HydroFLOW



Scale which was removed is settling in the sump as fine silt



Installed HydroFLOW device



Unplugged fills and even water flow with HydroFLOW



Drift eliminators with *HydroFLOW* 



The little scale that exists on surfaces can be wiped off easily  $% \left\{ \left( 1\right) \right\} =\left\{ \left( 1\right) \right\} =\left\{$ 

