

PO Box 1037 TCAS, Blountville, TN 37617  
P: 423.323.4195, 800.999.4195  
f: 423.323.4908

PO Box 30731, Knoxville, TN 37930  
P: 865.984.3430, 800.999.4195  
f: 865.983.9686

PO Box 2820, Greenville, SC 29602  
P: 864.295.9500, 800.358.9981  
f: 864.295.1360

PO Box 1839, Skyland, NC 28776-1839  
P: 828.251.2420, 800.999.4195  
f: 423.323.4908

## COUPON ANALYSIS REPORT


For: **Water Solutions Engineering Customer**

Date: 2/04/2011

This corrosion coupon report is for the mild steel and copper coupons removed from the tower coupon rack on 11/16/2010. The corrosion rates for Mild Steel were excellent at 0.15 MPY and are lower than the last reading of 0.87 MPY. The copper was also very good at 0.16 MPY and is down from the last reading of 0.27 MPY. The industry specification for copper is less than 0.3 MPY and 3.0 MPY or less for mild steel. Typically, the industry standard is to allow the coupons to be exposed for approximately 90 days and these were exposed for 89 days.

Thank you for your business and we look forward to continuing to provide your company with excellent water treatment programs and service in the future.

<b>Specimen No.:</b> 02	<b>Date Installed:</b> 8/19/2010
<b>Coupon Type:</b> ½ inch C1010 Mild Steel	<b>Date Removed:</b> 11/16/2010
<b>System ID:</b> South Tower	<b>Exposure:</b> 89 Days
<b>Sampling Point:</b> Coupon Rack	<b>Corrosion Rate:</b> 0.15 MPY



<b>Specimen No.:</b> 18	<b>Date Installed:</b> 8/19/2010
<b>Coupon Type:</b> ½ Inch CDA 110 Copper	<b>Date Removed:</b> 11/16/2010
<b>System ID:</b> South Tower	<b>Exposure:</b> 89 Days
<b>Sampling Point:</b> Coupon Rack	<b>Corrosion Rate:</b> 0.16 MPY

