

## RECORDED BENEFITS

- Increased production
- Reduced cleaning chemical costs
- Reduced labor costs
- Improved workplace safety

## Scale Control Program Enables Pulp Mill to Double Run Time Between Acid Cleanings

### Infinity™ SL4342 Scale Inhibitor

#### Customer Challenge

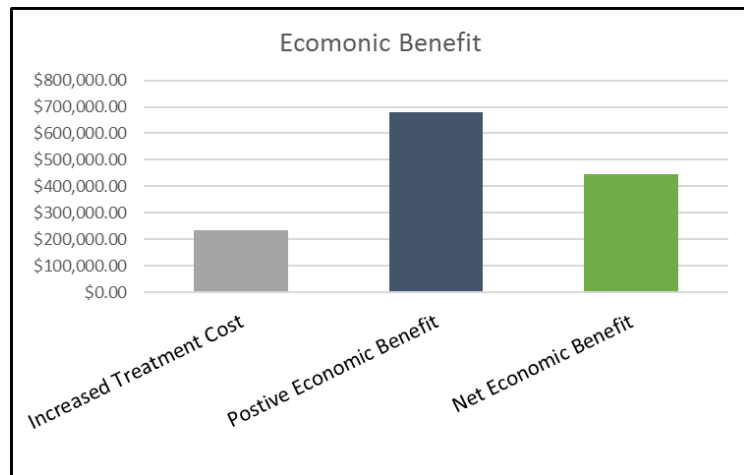
A pulp mill located in the Southern United States was satisfied with its existing Infinity SL4342 scale control program but wanted to extend acid cleanings from once a year to once every two years. The mill approached Solenis about developing a more robust treatment program.

#### Recommended Solution

To further reduce scale buildup, Solenis recommended that the baseline feed rate of the Infinity scale control program be increased from 0.45 lbs/ton to 0.60 lbs/ton. Solenis also recommended developing and deploying an algorithm to proactively adjust feed rates based on various digester KPI inputs.

#### Results Achieved

The new treatment program enabled the mill to increase time between cleanings to two years, saving the mill an estimated \$440,000 per year. Additionally, the program enabled the mill to gain three production days per year and improve workplace safety by reducing the frequency of acid cleanings.



**Economic Benefit = Production Increase + Reduced Chemicals for Cleaning - Increased Treatment Cost**