

RECORDED BENEFITS

- Increased lime kiln production and improved quality
- Reduced purchased lime by >23 tpd leading to saving of \$1.27MM annually
- Achieved net ROI of 270% to customer

New Lime Mud Dewatering Aid Provides Increased Throughput and Improved Quality in Lime Kiln Area

Infinity™ PS4330 Pulp Processing Aid

Customer Challenge

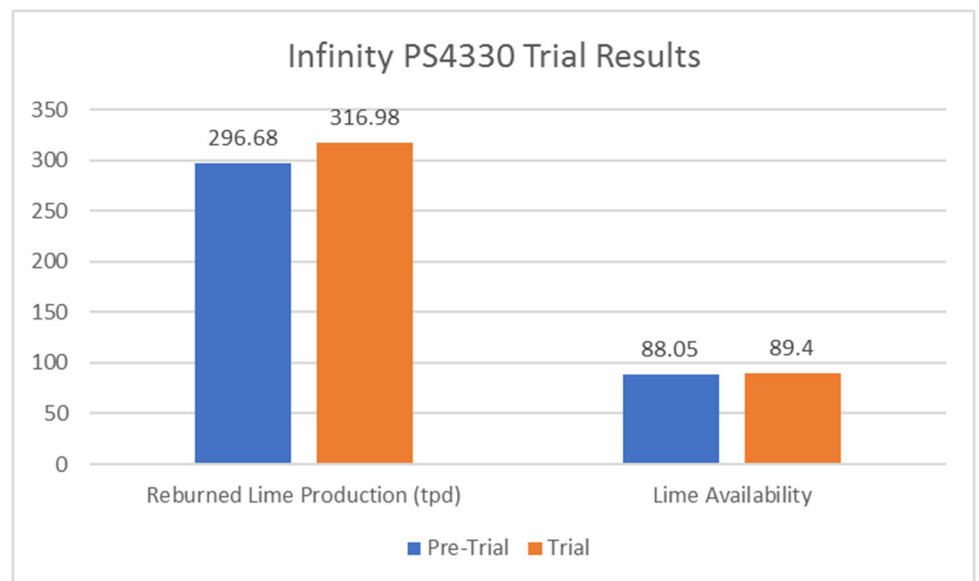
A large Southern U.S. pulp mill was having issues with the high cost and usage of fresh lime to meet their demand for white liquor.

Recommended Solution

Solenis recommended a lime mud dewatering program using Infinity PS4330 to increase drainage on the lime mud filter. The desired effect was to increase the throughput of the lime kiln and the quality of the returned lime. Recommended dose of Infinity PS4330 was 0.25 to 0.5 lb/ton of dry mud to the filter.

Results Achieved

With the addition of the Infinity PS4330 to the lime mud filter, the mill was able to increase their mud flow resulting in an increase of 20.3 tons/day of kiln production. Additionally, the improved quality of the lime, as measured by lime availability and reduced residual carbonate, resulted in additional savings. The Infinity PS4330 program resulted in >23 tpd reduction in purchased lime delivering a 270% ROI return to the customer.



All statements, information and data presented herein are believed to be accurate and reliable, but are not to be taken as a guarantee, an express warranty, or an implied warranty of merchantability or fitness for a particular purpose, or representation, express or implied, for which Solenis and its affiliates and subsidiaries assume legal responsibility. ™Trademark, Solenis or its subsidiaries, protected in various countries. *Trademark owned by a third party. ©2021 Solenis.