

RECORDED BENEFITS

- Minimized risk of foaming incidents
- Reduced defoamer usage by 45%
- Eliminated employee intervention on defoamer control
- Reduced BOD contribution from defoamer in wastewater

Advanced Foam Control Eliminates Foam Incidents and Saves Money

OnGuard™ AF Monitoring & Control System

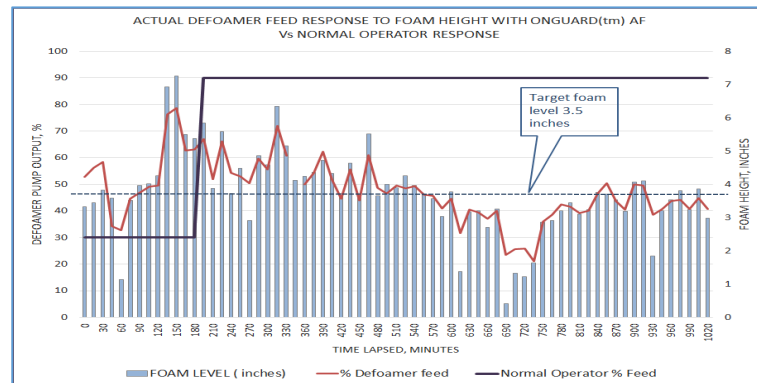
Improvement Opportunity

An integrated pulp mill was experiencing daily unplanned releases of foam forming substances such as soap and black liquor. This created ongoing headaches and anxiety over the risk of a significant excursion resulting in potential fines and negative publicity for the mill. Additionally, defoamer usage was highly variable and impossible to manage.

Typically, mill operators would adjust the defoamer pump twice per day based on their best guess for demand. On days when there was higher demand for defoamer manual control resulted in running the pumps at 100% throughout the day, even though the period of high demand had passed.

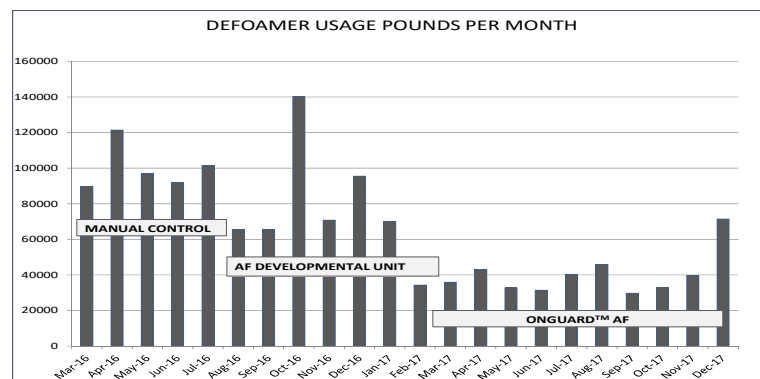
Recommended Solution

Solenis provided their patent pending OnGuard AF foam controller which delivers 24/7 real-time monitoring and control using a non-contact optical sensor to proportionally feed defoamer according to demand.



Results Achieved

Defoamer use fell by 45% providing significant cost savings while minimizing the risk of a severe foaming incident, delivering peace of mind to the mill staff.



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