

EGS-12 FOG Treatment Product Sheet

The Following images are from a 10-week trial with Stafford County Utilities in Virginia.

Before Treatment- 4.25" thick FOG layer. Previously Cleaned 2 weeks prior to this photo.



System Start



Week 1



Week 4

- Cleaner wet well, well pumps and downstream force mains. With continued use of our FOG treatment chemistry, municipalities noticed a decrease in grease build up in the downstream force main. Wet wells also operated smoother with less high flow alarms due to float switches being bogged down with high FOG levels.
- Biological breakdown of grease through the use of our FOG treatment process generates a food source and nutrients for healthy bacteria growth. Grease won't reform later at the wwtp and the bacteria needed to maintain a healthy plant will be provided an additional food source.
- Small footprint. Systems require very little space. One tank, one pump and dosing lines. Electrical equipment uses 110v with low draw and running amps.



Week 10



- Reduced O&M @ Lift Stations- They were able to see an improvement in their pumps function and less downtime from clogs due to grease build up.
- Cost Savings- Aside from saving on O&M, Vac trucks and their personnel are needed less to clean out wells. Locations needing to be cleaned bi-monthly are reduced to quarterly if not semi-annually.