



SERVICE

Struvite Buildup Service: Disc Thickener

Struvite buildup on the sieve thickener screens is a common issue depending on the sludge characteristics running through them. This buildup accumulation, which has a yellowish tint, is a slow process over time, however once it reaches a certain point it will degrade the thickening performance of this system tremendously if left untreated.

A simple step by step procedure found in this service bulletin can be followed to treat this condition and get your disc thickener system back up and operating to full capacity.

**Use appropriate PPE to avoid Skin contact with acid solution.
(Long sleeves, chemical apron, chemical resistant gloves, goggles, face shield.)**

Use a 1:1 ratio of muriatic acid and water.

1. Prepare acid mixture in a spray bottle. (acid to water)
2. Run cleaning cycle on Disc thickener to get sieve clean
3. Spray sieve disc with cleaning mixture, apply mixture until entire sieve disc is covered with muriatic cleaning solution.
4. Close covers, let stand around 15–20 minutes
5. Run cleaning cycle.
6. Use a pressure washer to clean basket making sure you penetrate the basket wedge wire openings. (Get close with nozzle approx. 1" to 1-1/2" away.)

Repeat as needed.

FOLLOW UP SERVICE:

Verify screens are draining properly every quarter.



QUESTIONS
1-866-724-9145



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