

ShrinkKNFOG™

SHRINKNFOG IS A POWERFUL, ALL-NATURAL, LIFT STATION
CLEANER THAT CONSUMES & ELIMINATES FOG



Eliminates/Consumes FOG.

Improves influent quality.

SSO prevention.

FOG FOAM Reduction.

Safe, simple & easy to use. Non-toxic.



Clean Collections Infrastructure

Increases lifespan of equipment & facilities.

FOG WON'T ACCUMULATE

ZERO FOG = LOOSE FREE-FLOATING SOLIDS

EASIER TO VAC



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Kationx

Wastewater Solutions that Work



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ShrinkNFOG™ (SNF) Concept Flyer

FOG MAT

1. Slurry FOG w FOGMVR/KCD
2. Pour in ShrinkNFOG

Eliminates FOG in-place & also cleans/clears downstream infrastructure. FOGMVR mobilizes FOG; SNF CONSUMES (eliminates) it in-place.

FAT, OIL & GREASE

FOG = Carboxylic fatty acids + glycerides
SNF bugs are optimized to eat these.

FOG: Slurry presents massive surface area That bugs can adhere to & eat. 50% FOG Reduction in just 2-3 days. Treat once weekly Or biweekly to gain & maintain a FOG free Collection system.

3. SNF Expansion
48 generations grow every 24 hours
4. Consumes FOG / makes metabolic products

SNF bugs consume FOG to then make CO₂, H₂O, shorter chain fats & sugars. FOG won't resolidify/recoagulate.

LIPIDS & FATTY ACIDS

6. FAT bugs either die & get scavenged; or,
7. Become "livestock" that's eaten by other microbes

Subsequent generations of bugs continue consuming shorter chain fats & sugars eventually eliminated these entirely. FOGMVR mobilizes FOG; SNF then eats it.

H₂O, CO₂ & MOLECULAR SOUP

Fattened Bugs then feed Rotifers & other swimming Protists at the WWTF. Also - eaten by biosolids scavengers (nematodes, bacteria + other microbial fauna & fungi).



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