



Figure 1: Before Treatment



Figure 2: After Treatment

Fats, oils and grease (FOG) are a major problem for wastewater collection and treatment systems; Causing manhole and lift station overflows, sewage backups in homes and businesses and general system clogging issues at treatment facilities. Further, odors associated with rancid grease are also a major problem where FOG issues are prominent. The EGS-12 treatment process all but eliminates problems associated with FOG. The process is extremely efficient and very cost effective

EGS-12 works to attack FOG as it forms in collection systems or sewage lines. EGS-12 first acts to emulsify the FOG while dissolving essentially nutrients within the FOG designed to stimulate natural biological degradation. The emulsifying

properties of EGS-12 keep FOG from building up in lines, wet wells and other collections points. Because EGS-12 stimulates the natural biological population to degrade the fats, oils and grease, FOG does not reform down-line.

An added benefit, EGS-12 will selectively absorb numerous odor-causing organic compounds. In fact, EGS-12 was first developed for that purpose. Once absorbed, organic odor compounds come in contact with natural bacterium and they will be biodegraded along with the EGS-12 as a food source. Significant odor control can be gained by using EGS-12.

Figures 1 and 2 above depict a typical before and after treatment scenario involving FOG treatment.

EGS-12 Information:

Boiling point: 101C
 Solubility: Complete.
 Specific gravity: 1.0 +/- .15
 Vapor pressure: Not applicable.
 pH: 7.5 - 8.5
 Flash point: Not applicable.
 Toxicity: Non-toxic, biodegradable

General: Will stimulate natural biological degradation. Miscible with fats, oils & grease. Has emulsifying properties.

Health and Safety: No serious health side-effects, may cause eye irritation.