



Grease Interceptor Drain Additives in the Des Moines Metro Area



The Des Moines Metro Wastewater Reclamation Authority has a duty to protect the public health and environment from sanitary sewer blockages, backups, and overflows.

The City Ordinance prohibits the use of enzymes, emulsifying chemicals, hot water or other agents as a grease abatement method for grease removal devices or drains without approval from the WRA.

These products may keep the Fats, Oil, and Grease (FOG) emulsified long enough to become a serious problem downstream as dilution of the product causes the FOG to congeal and decrease pipe capacity, having the potential to cause a serious blockage and sanitary sewer overflow.



In accordance with the Fat, Oil, and Grease Ordinance, the WRA has reviewed, tested and conditionally approved the use of the following grease removal additive products:

- ***Drain Ox*** by Momar, provided the Food Service Establishment (FSE) has an exterior, in-ground, multi-compartment grease interceptor(s) properly sized according to the 2003 Uniform Plumbing Code (UPC).
 - The WRA has **not approved** the use of *Drain Ox* in FSEs where there is no grease removal device, interior grease traps only, or exterior grease interceptors not sized using 2003 UPC sizing calculations.
- ***Bio-Amp/Free-Flow Biological Delivery System*** by Chemsearch, provided the Food Service Establishment (FSE) has an exterior, in-ground, multi-compartment grease interceptor(s).
 - The WRA has **not approved** the use of *Bio-Amp/Free-Flow* in FSEs where there is no grease removal device or interior grease traps only.

Call the WRA to find out if your FSE may use either of these products.

Questions about additives and their approval should be directed to Jason Merk (515/323-8123) or Larry Hare (515/323-8010).

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