

INDUSTRIAL WASTE (IW)/FATS, OILS, AND GREASE (FOG) GUIDANCE

WHAT IS IW/FOG?

Industrial Waste (IW) refers to all waste substances, liquid or solid, except for domestic sewage that are found in the sewer system.

Fats, Oils, and Greases (FOG) refers to the type of industrial waste derived from animal and/or plant by-products. FOG is generally introduced into the sewer system from facilities that engage in the manufacturing and/or processing of food products, as well as food service establishments (FSEs) that prepare and serve food for public consumption.

WHY IS AN IW/FOG PERMIT AND PLAN CHECK REQUIRED?

In May 2006, the State Water Resources Control Board adopted a Statewide General Waste Discharge Requirements (WDRs) for sanitary sewer systems, Water Quality Order No. 2006-0003. This Order requires public agencies that own or operate sanitary sewer systems to implement a sewer system management plan (SSMP) with 11 elements that address measures to reduce and prevent sanitary sewer overflows (SSOs).

The 7th element of the SSMP requires that a FOG Control Program be implemented. This requires the installation of grease removal devices (i.e. traps, interceptors) for businesses that handle FOG, and sets an outreach and inspection program.

In conjunction with the FOG Control Program, adopted Industrial Waste regulations prohibit the discharge of offensive or damaging substances to be introduced into the sewer system without specific conditions and limitations.

By ensuring that Industrial Waste and FOG producing sites are meeting the allowable local limits through prevention and/or on-site pretreatment, harmful and toxic substances are prevented from damaging local lines and publically owned treatment works (POTW). Protecting the sewer system also helps prevent overflows from being introduced into the environment and public health.

See back of sheet for a list of the requirements needed for approval.

INDUSTRIAL WASTE (IW)/FATS, OILS, AND GREASE (FOG) GUIDANCE

WHAT ARE THE REQUIREMENTS?

Facilities, new or existing, that generate Industrial Waste and/or FOG are required to obtain and provide the following:

1. DOCUMENTS
A complete City Industrial Waste Discharge Permit application
A complete County (Sanitation) Industrial Wastewater Discharge Permit (if applicable)
2. PLANS
• General Requirements
Three (3) sets of plans (Minimum size 11" x 17"; maximum size 30" x 42")
Consultant/Engineer Stamp (wet ink signature)
• Plot Plan
Name and address of property
Property and project area dimensions
North arrow and scale
Identified and labeled areas of the facility (i.e. office, restroom, kitchen)
Equipment Plan & Schedule
• Plumbing and Sewerage Plans
Location of all waste water plumbing lines with labels (new and existing)
Location of all drainage fixtures with labels (new and existing)
Exact point of connection to sanitary sewer system with label
• Pretreatment System
Scaled drawings and manufacturer specifications of all pretreatment systems, such as a grease trap/interceptor, clarifier, etc. (new and existing)
Drainage Fixture Unit (DFU) Calculations showing appropriate pretreatment sizing for new installations
Scaled drawings of rain diversion system (RDS) (if applicable)
Health Department clearance stamp (if applicable)
• Architectural Plan
• Site Utility Plan
• Site Drainage Plan
3. FEES
Permit and/or Plan Review Fees to be determined based on the type of industry.
Please contact John L. Hunter & Associates, the City's Environmental Protection Specialists, at (562) 802-7880 ext. 228 for further information.