



## Grease Interceptors Help Prevent Sanitary Sewer Overflows

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Highland Tank's multi-chamber, gravity-flow passive grease interceptor.

[www.highlandtank.com](http://www.highlandtank.com)

### GREASE INTERCEPTORS HELP PREVENT SANITARY SEWER OVERFLOWS

Plumbing codes state grease interceptors shall be provided to prevent the discharge of fats, oils, grease, and solids to the public sewer, private sewage system, or the sewage treatment plant or processes. This applies to several types of food service establishments such as restaurants, cafés, schools, colleges, universities, medical facilities, assisted living facilities, correctional facilities, malls, stadiums, arenas, convention centers, casinos, etc.

When the sewer system, which conveys the wastewater, including human waste overflows, his even is known as a sanitary sewer overflow (SSO).

The EPA's report to Congress on sanitary sewer overflows identified that grease is the most common cause of blockages. The National Pretreatment Program provides authority to state and local publicly owned treatment works to reduce or eliminate sanitary sewer overflows.

One method of enforcement is effluent quality. The EPA identified an effluent quality of 100 mg/l as a common pretreatment limit.



Highland Tank's flush-in-floor GreaseStopper® AGI installed in a kitchen floor with a non-skid stainless steel access door.

The type of grease interceptor varies based on the client's needs, site restrictions, number and type of drainage fixtures, authority having jurisdiction, etc.

Highland Tank is the leading manufacturer of grease interceptors. Point of use hydro-mechanical grease interceptors are designed to be installed indoors, closer to the source. These are designed to protect the building's drainage system. They require routine maintenance.

The automatic grease interceptor is designed to reduce costly maintenance fees. Constructed with 304 stainless steel with integral solids interceptor, the automatic grease interceptor skims the grease into an adjacent grease storage container on a daily basis.

Automatic grease interceptors are available in on-floor models or flush-in-floor.

The other types of grease interceptors are passive grease interceptors (PGI). Typically located outside of the food service establishments, further from the source. They are designed to operate on retention time for separation.

Since they are larger in volume, generally about 500 gallons and greater, PGIs require less frequent maintenance. The Highland Tank PGI series offers a superior warranty to traditional concrete grease interceptors, and most importantly, are engineered to produce superior effluent quality. These are most commonly installed underground but are also available in aboveground models, and occasionally in parking garages.



Highland Tank's point-of-use GreaseStopper® Automatic Grease Interceptor can fit under wash sinks.



Highland Tank's Passive Grease Interceptors can be installed in parking garages for easy pump-outs.

Call 814-893-5701 today or visit us at [www.highlandtank.com](http://www.highlandtank.com) for more information on grease interceptors.

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