



South Tipperary
COUNTY COUNCIL
Comhairle Contae
Thiobraid Árann Theas

Fats, Oils & Grease Problems in the Sewer

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Environment Section



OFG in Sewers

- *Serious impact on sewer networks*
- *OFG do not dissolve, but harden & solidify on surfaces of pipes*
- *Eventually blocks pipes, pumps, causing overflows etc*












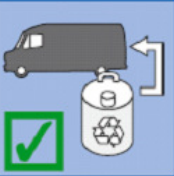







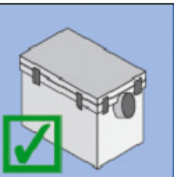




Eliminating the Problem

- *Costs for removal of OFG from network are significant*
 - DCC report one clean-up incident cost €150,000
- *Removal at source*
- *Food service establishments*
 - installation & operation of grease removal systems



Best Practices

Do's		Don'ts	
 	Remove all traces of food waste from plates, utensils etc. before washing	 	Do not put grease or food oils down the sink.
 	Collect and store all waste oil in containers.	 	Do not put grease or food oils down an outside drain.
 	Arrange for collection of waste oils by an authorised waste collector.	 	Do not put food waste down the sink – Irish sewerage systems are not designed to accommodate food waste macerators.
 	Use strainers/ food traps in the sink and empty into food waste bins.	 	Do not sweep waste into drains.
 	Ensure grease traps are operated correctly & maintained regularly.	 	Do not use boiling water to remove grease blockages in the sink.



Enforcement

- *Trade Effluent discharge licence*
 - Section 16, Water Pollution Act, 1977
- *Licence conditions will require*
 - Installation of grease removal system
 - Management system – evidence of “best practice”
 - Monitoring charges