

# Source Control of F.O.G. Through Collection



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Director of Public Services

Delhi Charter Township



# Grease Sources for Control

## ➤ Non-domestic

- Restaurants
- Schools
- Banquet Halls
- Churches

## ➤ Domestic

- Residential



# Non-Domestic Grease Control

## ➤ Sewer Use Ordinance Language

### ■ Grease interceptor language

- Grease interceptors/traps shall be provided at the expense of the property owner for the proper handling of liquid waste containing grease. Grease interceptors/traps shall be required for all food service establishments and may be required for other users as determined necessary by the POTW Superintendent. Grease interceptors/traps shall be sized, constructed, and installed as required by the Township's specifications and subject to the Township's approval. Grease interceptors/traps shall be cleaned and maintained per the manufacturer's specifications at the property owner's expense.



# Non-Domestic Grease Control

## ➤ Sewer Use Ordinance Language

- All interceptors/traps shall be of a type and capacity approved by the Township and shall be located as to be readily and easily accessible for cleaning and inspection. Grease, oil and sand interceptors shall be constructed of impervious materials capable of withstanding abrupt and extreme changes in temperature. They shall be of substantial construction, watertight and equipped with easily removable covers which, when bolted into place, shall be gas tight and watertight.



# Non-Domestic Grease Control

## ➤ Sewer Use Ordinance Language

- Where installed, all grease, oil and sand interceptors/traps shall be cleaned and maintained by the owner, at the owner's sole expense, and shall be kept in continuously efficient operation at all times. At a minimum, any user required to install an interceptor shall comply with the best management practices as provided by Section 23(b).



# Non-Domestic Grease Control

## ➤ Sewer Use Ordinance Language

### ■ Best Management Practices

- (1) Any user required to install and maintain an interceptor (trap) of any kind shall develop and carry out a system of maintenance and clean out of such device(s) and shall document and keep:
  - a. A maintenance schedule;
  - b. The identity of the person(s) who cleaned and maintained the interceptor;
  - c. The method and location of grease, oil and sand disposal.
- (2) Any problems with or damage to an interceptor/trap shall be reported immediately to the owner and the POTW Superintendent.
- (3) Any damage to an interceptor/trap shall be immediately repaired.
- (4) No interceptor/trap clean out material shall be discharged into a sewer.



# Non-Domestic Grease Control

## ➤ Sewer Use Ordinance Language

### ■ Best Management Practices

- (5) No bacteria or enzyme products shall be used in the maintenance of interceptor/traps.
- (6) All users shall implement BMPs for grease management to minimize the discharge of food grease to the POTW.
- (7) Specific BMPs for grease interceptors/traps. All users required to install and maintain grease interceptors (traps) shall comply with the following minimum requirements:
  - a. Under sink grease traps shall be cleaned weekly.
  - b. Clean outs of all other interceptor/traps shall be scheduled such that the interceptor/trap does not exceed 25% solids content (including both the top and bottom layers of solids) and there is no visible discharge of grease or oil.
  - c. The clean out shall be accomplished by pumping to remove the entire grease mat, liquids, sludges, and solids from screens, baffles, air-relief chambers, and wash down of interior walls.
  - d. The user shall witness all clean out and maintenance of interceptor/traps.



# Non-Domestic Grease Control

## ➤ Sewer Use Ordinance Language

- The documentation required by this Section shall be available for review by the POTW and copies shall be provided to the POTW upon request.
- The POTW shall have the right to inspect a restaurant (or other establishment where an interceptor is required) at any time for any reason.
- The failure of a restaurant to comply with this Section may subject the violator to enforcement action and the remedies as may be available by law and the terms of this Ordinance.



# Domestic Grease Control

## ➤ Public Education

- Newspaper articles

## **“Sewers and Bugs Need a Low Fat Diet – You Can Help!”**

Sandra Diorka, POTW Superintendent

A common cause of sewer backups in Delhi Charter Township is pipes blocked by grease. Sewer backups and overflows can damage home interiors, cause health hazards, and threaten the environment. No one wants to experience a backup but everyone can help to avoid one.



# Domestic Grease Control

- Public Education
  - Sewer Bill Flyers





# Domestic Grease Control

## ➤ Household Grease Collection Program

### ■ Bulk Oil

- Typically 1 - 5 gallons of liquid per customer
- Sent for re-use
  - ❖ Pet food
  - ❖ Cosmetics
  - ❖ Bio-diesel

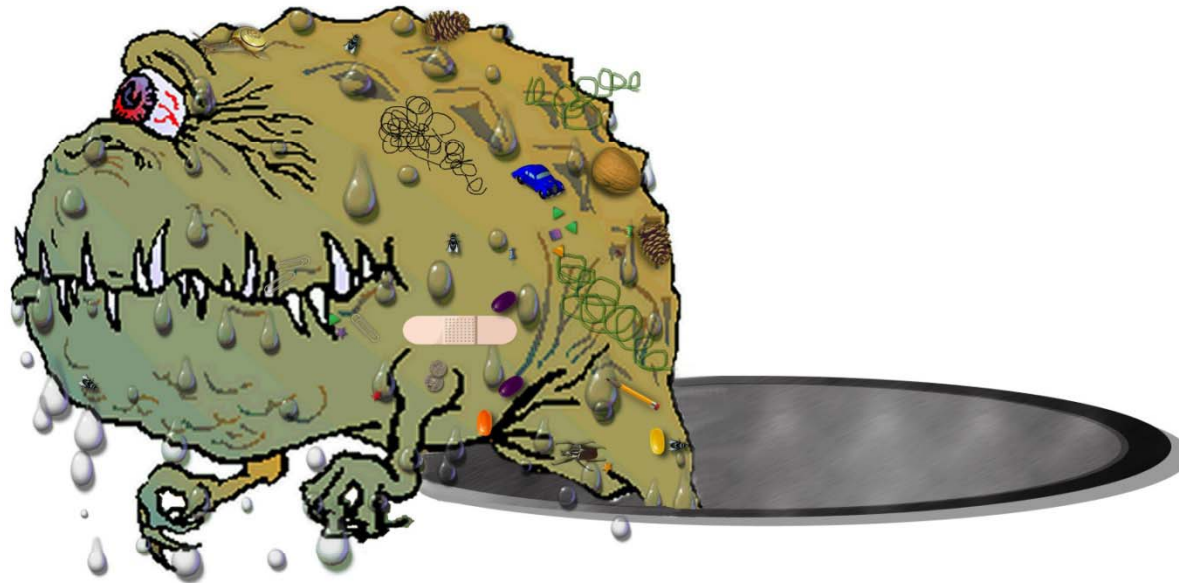
### ■ Everyday cooking grease

- Can be added to re-use container
- Disposed of in solid waste



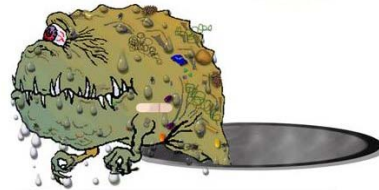
# Domestic Grease Control

- Household Grease Collection Program -  
"Beast of Grease"



# Domestic Grease Control

***PLEASE***  
***Help Save Our Sewers***  
***from***  
***The Beast of Grease***



A VERY common cause of sewer backups in Delhi Charter Township is pipes blocked by grease. Sewer backups and overflows can damage home interiors, cause health hazards, and threaten the environment. No one wants to experience a backup but everyone can help. For household cooking greases and oils remember:

***Store it... Don't Pour it!***

The Delhi Charter Township Publicly Owned Treatment works (POTW or wastewater treatment plant) is now accepting all household cooking greases and oils. Simply call the POTW during business hours (7:30 am to 4 pm M—F) and let us know when you will arrive. We will greet you at the gate, take your container, empty it and return it to you (if you so desire). Grease and oil will be beneficially re-used.

*All Beast Defeaters will be rewarded with a bounty.*



Delhi POTW  
5961 McCue Road  
Holt MI 48842  
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# Domestic Grease Control



# Domestic Grease Control



