

Ignacio Beltran City of Irving

KEY TOPICS

- What is a grease interceptor?
- Requirements
- FOG
- Conducting the Inspection
- Enforcement
- Waste haulers



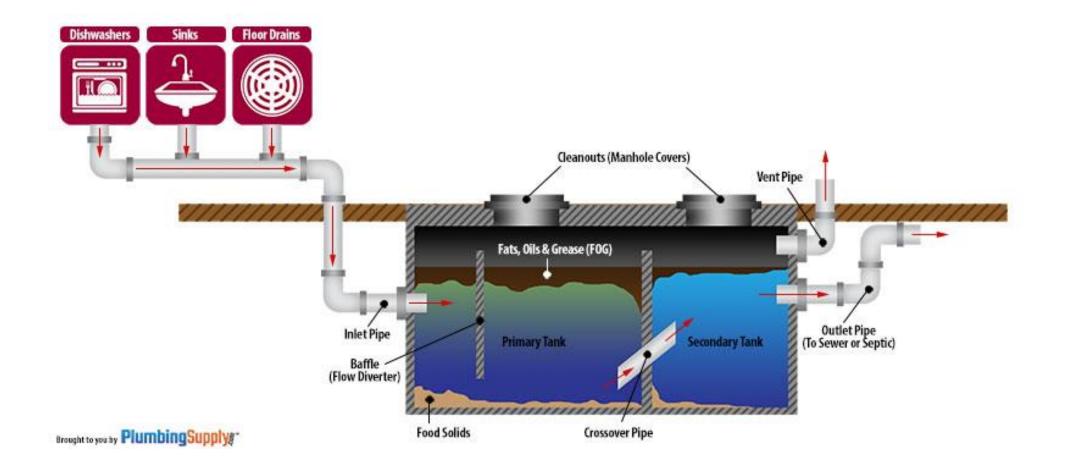


WHAT IS A GREASE INTERCEPTOR?

- A grease trap is a plumbing device (a type of trap) designed to intercept most greases and solids before they enter a wastewater disposal system.
- A grease trap works by slowing down the flow of warm/hot greasy water and allowing it to cool. As the water cools, the grease and oil in the water separate out and float to the top of the trap. The cooler water - minus the grease - continues to flow down the pipe to the sewer.



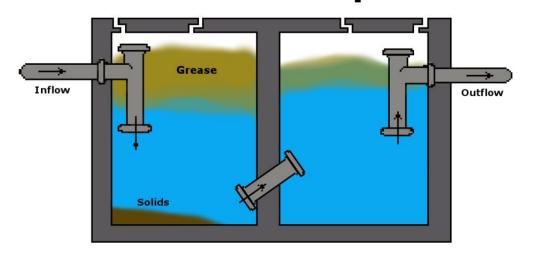
GREASE TRAP TYPES





GREASE TRAP TYPES

Gravity Interceptor



Grease Trap

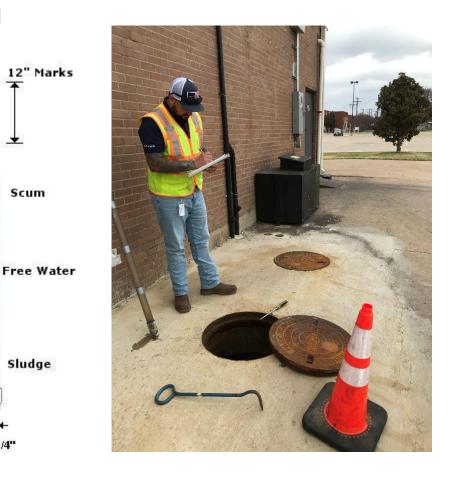
Hydromechanical Interceptor





CITY OF IRVING REQUIREMENTS

- 500-gallon minimum requirements
- Traps to be located on the exterior of the establishment
- Maintain collection devices(repairs and servicing)
- Minimum cleaning frequency of 90 days
- 25% Rule



1 1/4"



FATS, OIL, AND GREASE PROGRAM

- Educate City of Irving residents on the importance of proper waste disposal to mitigate increasing wastewater treatment costs, and sanitary sewer overflows.
- Educate businesses on the importance of maintaining their grease traps/interceptors.
- Implement enforcement to insure high quality of life for residents, businesses and visitors.





CONDUCTING THE INSPECTION

Certificate of Occupancy

Notice of Violations

 Complaints – Residents/ Inspectors/Wastehaulers





CONDUCTING THE INSPECTION

- Data base- LINKO, have an idea what your looking for
- Gather new data or make notes
- Compliance/ change frequency

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CONDUCTING THE INSPECTION

 Tools Needed- Manhole lid extractor, screwdriver, Grease measurement(sludge judge)tool, flash light, and proper PPE





CONDUCTING THE INSPECTION- MANHOLES





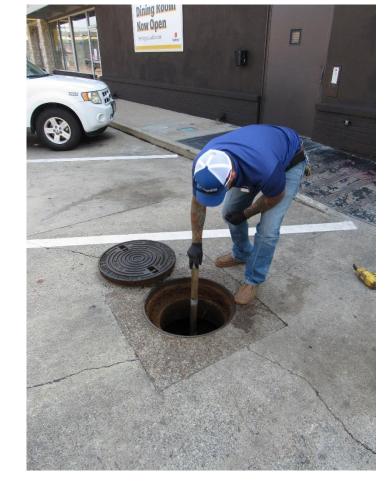
CONDUCTING THE INSPECTION- INSPECTION POINT





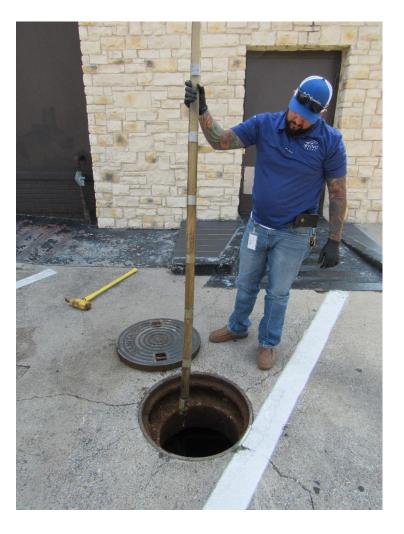
CONDUCTING THE INSPECTION- TRAP CONDITION







CONDUCTING THE INSPECTION- 25% RULE







CONDUCTING THE INSPECTION- CLEAN AND SECURE



COMMON PROBLEMS AND EXAMPLES

- Rusted Housing
- Broken/missing inlet or outlet Tees
- Clogged Sanitary Tee's
- Damaged baffle wall
- Ring and lids cracked missing
- Incorrect tie ins (Bathroom)
- •Upstream/downstream clean out caps































ENFORCEMENT

- Hold Certificate of Occupancy
- Notice of Violation
- Citation
- Pumping frequency
- Shut off Utility
- Sample effluent (Surcharges)

- log lal	
Date: 1/29/21 0	
Violation Issued To: Mr. John Smi	th
Address: 1234 Appletree St	Phone Number: <u>9/721 216</u>
An inspection of this premise has been made this date and you are he living City Ordinance. The following violations were noted:	ereby notified that conditions are existing that constitute a violation
Uneuthorized Discharge of Waetewater to an Aree other than Senitary Server	Failure to Maintain Granes Trap or Interceptor
Unanthorized Discharge of Ppetrolaum Products/Chamicals	Dumping/Blowing Grass Clippings, Leaves, Brush, Rubbish or Debra into Storm Sever System
Unauthorized Discharge of Wastewater from Cleaning Operations or Washing of Vehicles	Unauthorized Discharge of
Improper Storage of Petroleum Products/Chemicals	Use of Water in a Manner that Violales the Emergency Water
山 No Annual Backflow Test	Management Plan (prough Contagency and Water Conservation Plans)
Comments/Corrective Measures: Will held 1	to have arease interrept
Serviced by an approve	d waster within 48
hours of today 17/29	lal 0930) to avoid a
enforcement actions.	
	contraction of the second s
Talan Smith	LANNAD) Rolling
John Smith Headphant Harry	- Ignaco Beltran

WASTE HAULERS

- In order to transport liquid waste generated within the City of Irving, you must apply for and receive a Liquid Waste Transportation Permit from the City of Irving
- Items that need to be provided at the time of inspection are:
- 1. Liquid Waste Hauler Application
- 2. Payment in the form of Cash or Check
- 3. \$150 for the first permit, \$100 for each consecutive permit
- 4. Copy of your TCEQ Registration Letter
- 5. Proof of Insurance
- 6. Copies of the Drivers Licenses of the Manager and all applicable drivers



WASTE HAULERS

- Waste Hauler online entry
- Within 24 Hours of service
- Up to date compliance letters
- Pinpoint grease traps inspections
- Provide attachments (pictures)

Generator						
Facility Name	_POMTest					
Extractor						
Due Date				* Cleaning Date		1
Cleaning Start Time			©	Cleaning End Time		
Naste Hauler						
Pumpout Manifest No.				* Waste Type	Select Waste Type	~
* Waste Hauler	Select Waste Hauler					~
Hauler Truck	Select Hauler Truck		~	Hauler Driver		
* Amount Removed		gal	~	Grease Depth		in
Water Depth			in	Solids Depth		in
Pumping Method	Select Pump Method		~	Facility Representative		
	Trap in Need of Repairing Contract Need of Re	r?			Critical Issues Observed?	
Disposal						
Manifest No.				Representative		
* Disposal Site	Select Disposal Site					~
* Disposal Date				Disposal Time		C
Cleaning Comments						
		I am aware that			rtified for removal by the generato evocation of my liquid waste trans	
Submitted by	Ignacio Beltran			Submission Date	8/3/2021 10:20:01 AM	
Attachment(s)	Select files					























THE END

Ignacio Beltran Environmental Compliance Inspector <u>ibeltran@cityofirving.org</u> 972-721-2127

