

## City of Cedar Hills

# Grease, Oil and Sand Management Program

### **Purpose:**

The purpose of this program is to provide for the control and management of grease, oil and sand discharges to the District collection system. This program will provide a means to reduce interference with the collection system operation and pass through at the treatment plant.

### **Regulatory Authority:**

Regulatory authority to implement this program is found in the Code of Federal Regulations in 40 CFR 403, General Pretreatment Regulations. State authority for the program is given in the Utah Administrative Code R317-8-8, Pretreatment. Local Authority is found in Cedar Hills, Utah: City Code (Sterling Codifiers, Inc.) Title 7, Utilities.

### **Program Implementation:**

This program shall be implemented in such a manner as to minimize the impact on businesses/schools which may be affected by this program. In all cases the City of Cedar Hills will maintain a uniform decision making process. Cedar Hills shall allow for appeals of program requirements in accordance with the appeal process approved by the City of Cedar Hills.

The following steps detail the procedure that Cedar Hills personnel shall follow in implementing this program.

#### *Evaluation:*

Cedar Hills staff will evaluate an industrial user (IU) discharge to determine

if grease, oil or sand management is required at the following events:

1. Issuance of a construction or remodeling building permit.
2. When the collection line in front of the business is CCTV inspected as part of the sanitary sewer system preventative maintenance program.
3. When a downstream sanitary sewer pipeline plugs due to oil, grease or sand.

No further action will be taken if it is determined that no potential exists for significant enrichment of the wastewater with grease, oil or sand.

Enrichment is defined as a discharge with greater volume or concentration of grease, oil or sand than that discharged from a typical residential connection. For oil and grease, the typical residential discharge has less than 100 mg/L of oil and grease for any sample taken. Greater concentrations would be enrichment. Also, a significant buildup of oil and grease in the lateral would indicate enrichment. Sand and dirt is not typically discharged from a residential connection. Any potential for sand or dirt discharge would be enrichment.

*Implementation:*

IU's which are determined to enrich or have the potential to enrich the wastewater with grease, oil, or sand will be required to develop a management plan in accordance with the following tracks. IU's will be issued an industrial waste water discharge permit through Timpanogos Special Service district.

TRACK 1

This track is available for IU's which exist at the time of

program implementation. However, not all existing IU's may be permitted to use it. Determination will be made on a case by case basis. IU's on this track will be permitted to either pay a contractor or Timpanogos Special Service District to clean the main sewer line from their place of business to the nearest trunk line. A trunk line is any sewer line which has an inside diameter of eighteen inches or larger or has been classified as a trunk line by the City of Cedar Hills. Cleaning frequency will be determined by inspections performed by Cedar Hills/Timpanogos Special Service District.

## TRACK 2

This track requires the IU to install and maintain a grease, oil and/or sand trap on their premises. Quarterly cleaning reports may be required at the discretion of the City or Timpanogos Special Service District. TSSD shall inspect the grease interceptor and trap quarterly at businesses, annually at schools and test the grease trap on a periodic basis. The following fees shall apply:

Inspection Fee:	Timpanogos Special Service District current fee
Testing Fee:	Timpanogos Special Service District current fee

Should the testing reveal grease and oil in excess of 100 mg/L, a fine of an amount sufficient to cover the costs for each pound of oil and grease discharged for the past reporting period shall be assessed. The pounds of grease and oil shall be determined by using the following equation:

$(\text{Total Reporting Period water use in MG})(\text{mg/L O\&G} - 100)(8.34)$

The IU will also be ordered to return to compliance immediately. Retesting will be done within thirty days if the trap has not been cleaned and a cleaning report submitted. Another inspection and testing fee will be assessed. Should the test results still not comply with the 100 mg/L oil and grease limit, enforcement will be escalated in accordance with the City of Cedar Hills' Enforcement Response Plan. In addition, an entity which is frequently violating the 100 mg/L limit may be issued a pretreatment permit in order to further regulate the IU.

Should the testing reveal TSS in excess of 250 mg/L, a fine of an amount sufficient to cover the costs for each pound of TSS discharged for the past reporting period shall be assessed. The pounds of TSS shall be determined by using the following equation:

$(\text{Total Reporting Period water use in MG})(\text{mg/L TSS} - 250)(8.34)$

The IU will also be ordered to return to compliance immediately. Retesting will be done within thirty days if the trap has not been cleaned and a cleaning report submitted. Another inspection and testing fee will be assessed. Should the test results still not comply with the 250 mg/L TSS surcharge limit, the IU will be placed on a continuous inspection, testing and the surcharge schedule for TSS.

By following the steps discussed above, the City of Cedar Hills hopes to maintain a collection system free from excessive backups and a treatment plant in compliance with UPDES discharge conditions.

*List of Acceptable Entities That Recycle Oil and Grease*

<b>Recycler</b>	<b>Phone Number</b>	<b>Address</b>
Renegade Oil	801-973-7912	1141 S. 3200 W, SLC, Utah 84104