



# INDIAN HILLS GENERAL IMPROVEMENT DISTRICT

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## Section 1. Purpose

The purpose of this policy is to specify certain formulae and considerations involved in setting commercial, industrial and domestic connection fees and monthly service fees for SEWER SERVICE provided by the District.

## Section 2. Administration

### 2.1 General Policy Elements

#### 2.1.1 Effectiveness Dates:

This policy becomes effective upon adoption by the Board of Trustees and applies to all commercial sewer service connections purchased after the date of adoption.

#### 2.1.2. Residential Equivalent Dwelling Units/ Computation in Commercial Establishments

For purposes of establishing both the connection fees and for setting the monthly sewer service fee for a commercial establishment, the amount of 250 gallons/day is used as an EDU (Equivalent Dwelling Unit).

#### 2.1.3. Formulation of Commercial Connection fees

##### a. Plan Approval/Review

In each case of a commercial application for sewer connection, plans for the construction and operation of activities within the commercial establishment will be reviewed by the District and an analysis done by the District of the potential sewer flows, as to volume and effluent constituents, likely to be produced by those activities based on the number and usage of various appliances and fixtures. [NOTE: Ref: Uniform Plumbing Code Fixture Units standards.]

##### b. Computation by Number of Fixtures / Projection of Volumes

Based on this flow projection, by volume in ratio to 250 gallons per day, the number of EDU's required to be purchased (the connection fee) and

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the multiple of the established monthly rate per EDU in effect at that time (monthly service fee) will be determined by the District.

### **2.1.4 Monthly Commercial Sewer Service fees – Standard**

An commercial establishment whose activities are expected to produce effluent of a quality similar to, and within the quality of, standard residential uses are considered “standard” and monthly service fees will be computed on the basis of volume (number of EDU’s) times the established monthly rate per EDU only.

### **2.1.5. Monthly Commercial Sewer Service fees – Special**

A commercial establishment whose activities can be expected to produce effluent of a quality which contains non-standard constituents or percentages thereof are considered “special” and may have additional monthly charges applied based on these special conditions.

Determination of these additional monthly charges will be based on conditions and requirements such as:

- a. Effluent quality testing and monitoring, if required;
- b. Special apparatus checks and/or reports such as grease traps, or others;
- c. Special meter reading access/requirements, if applicable
- d. Significant or exceptional BOD loading potential

## **Section 3 Dischargers Subject to Code**

All wastewater dischargers, domestic and commercial/industrial, to the District’s wastewater facilities whether within or outside the external boundaries of the District are subject to this wastewater policy and its enforcement.

## **Section 4. Prohibited Discharge**

### **4.1 Prohibition on Non-Wastewater**

No person shall discharge, or cause to be discharged, any storm water, surface water, groundwater, roof runoff, subsurface drainage, cooling

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water, swimming pool water, or industrial process waters to any sanitary sewer without obtaining a special permit from the District.

### **4.2 Other Prohibited waters or wastes**

No person shall discharge, or cause to be discharged, any of the following described waters or wastes to any sanitary sewer:

- 4.2.1 Any petrochemicals, materials derived from hydrocarbons, materials derived from carbohydrates, any chemical additive or any abnormal halogen materials, and any hazardous materials as defined by Federal or Nevada law.
- 4.2.2 Any greases, waters, or wastes containing toxic or poisonous solids, liquids, or gases in sufficient quantity, either singly or by interaction with other wastes, which will injure or interfere with any sewage treatment process, constitute a hazard to humans or animals, create a public nuisance, or create any hazard in the sewage treatment plant including, but not limited to, cyanide in excess of 2 mg/l as CN in the wastes as discharged to a sanitary sewer.
- 4.2.3 Any waters or wastes having a pH lower than 5.5 or higher than 9.0 or having any other corrosive property capable of causing damage or hazard to structures, equipment, and personnel of the sewage facilities.
- 4.2.4 Any waters or wastes containing iron, chromium, copper, zinc, and similar objectionable or toxic substance; or wastes exerting an excessive chlorine requirement, to such a degree that any material received in the composite sewage treatment facility exceeds the limits established by the District for such discharge to the sanitary sewer system;
- 4.2.5 Any waters or wastes containing phenols or other taste or odor-producing substances in such concentrations exceeding limits which may be established by the District as necessary after treatment of the composite sewage to meet the requirements of the state, federal or other public agencies of jurisdiction for such discharge to a sanitary sewer.
- 4.2.6 Any radioactive wastes or isotopes of such half-life or concentration as may exceed limits established by the District in compliance with applicable law or regulation.

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- 4.2.7 Any medical wastes which otherwise fall within the restricted disposal requirements of such wastes as defined by the Joint Commission on Accreditation of Hospitals.
- 4.2.8 Any materials which exert or cause unusual concentrations of inert suspended solids or dissolved solids, excessive discoloration such as dye wastes or vegetable tanning solutions, unusual BOD, COD, or chlorine requirements in such quantities as to constitute a significant load on the sewage treatment facilities, or unusual volumes of flow or concentration of wastes constituting slugs.
- 4.2.9 Waters or wastes containing substances which are not amenable to treatment or reduction by the sewage treatment processes employed by the District or are amenable to treatment only to such a degree that the District's sewage treatment plant effluent cannot meet the requirements of regulation.

### **4.3 Enforcement of Discharge Prohibitions**

If any waters or wastes are discharged, or are proposed to be discharged, to the sanitary sewer which contain the substances or possess the characteristics enumerated in this sub-section and which, in the judgement of the District, may have a deleterious effect upon the sewage facilities or which otherwise create a hazard to life or constitute a public nuisance, the District may:

- 4.3.1 Reject the wastes.
- 4.3.2 Require pre-treatment to an acceptable condition for discharge to the sanitary sewer. If this is required, the design and installation of pre-treatment plants and equipment shall be subject to the requirements of all applicable codes, ordinances, and regulations.
- 4.3.3 Require control over the quantities and rates of discharge.
- 4.3.4 Require payment to cover the added costs to the District of handling and treating the wastes not covered.

## **Section 5. Monthly Service Charges**

### **5.1 Standard Conditions**

Commercial / Industrial Sewer Service Policy  
Adopted February 17, 1999  
Amended March 25, 2003 & May 18, 2006  
Amended October 17, 2007, Effective December 1, 2007

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Those commercial establishments which discharge a residential-equivalent standard wastewater, as not otherwise restricted herein, will be charged a flat rate of **\$28.69 per EDU per month** of sewer service provided.

### **5.2 Special Conditions**

Those commercial establishments which discharge a non-standard wastewater, as otherwise restricted or discussed herein, will be charged a flat rate of **\$28.69 per EDU plus an additional amount to be determined by the District on a case-by-case basis per month** of sewer service provided.

## **Section 6. Miscellaneous**

### **6.1 Powers and Authorities of Inspectors**

Designated employees and representatives of the District shall be permitted to enter properties for the purpose of inspection, observation, sampling and testing of sewer facilities in accordance with the provisions of this policy.

### **6.2 Construction of Sewers and Connections**

No person shall uncover, make any connection with or open into, use, alter or disturb any District sanitary sewer or appurtenance thereto without first obtaining a written permit from the District.

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Food Service Facility Grease Management Program**

1. The purpose of this program is to minimize the introduction of fats, oils, and greases into the Indian Hills General Improvement District (IHGID) wastewater collection system. The administrative and inspection requirements of food service facilities are established herein.
2. General Criteria:
  - a. Installation Requirements for New Food Service Facilities – Food Service facilities inside the IHGID Wastewater Service area including those facilities not within the IHGID service area but which discharge wastewater into the IHGID wastewater infrastructure shall be required to install an approved, properly operated and maintained grease interceptor. All interceptor units shall be of the type and capacity approved by the county and IHGID.
  - b. Requirements for Existing Food Service Facilities - All existing food service facilities are expected to conduct their operations in such a manner that grease is captured on the user's premises and properly disposed of. Existing Food Service Facilities will be handled under the IHGID Grease Management Program in the following manner:
    1. IHGID will periodically inspect each Food Service Facility on an as-needed basis to assure that each facility is complying with the intent of the Grease Management Program. The as-needed inspection shall be determined by the IHGID.
    11. Each Food Service Facility in the vicinity of a problem area will be inspected as needed. The facilities' grease control practices and the adequacy of their grease control equipment will be assessed. Maintenance records will also be reviewed.
    111. Following the inspections, IHGID will send written notice to the inspected food service facilities, containing a summary of the policy requirements, and the results of the inspection. The inspections will typically result in one or more of the following actions:
      1. Facilities with an appropriate and adequately sized grease interceptor who are meeting the intent of the Grease Management Program through effective grease control practices will be commended for their compliance.
      2. After notice and an opportunity to be heard, facilities not in compliance shall be issued a letter of violation and if such facility fails to achieve compliance it shall be required to develop and

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submit to IHGID a proposed plan designed to achieve compliance through improved housekeeping and/or increased maintenance and pumping of the existing grease interceptor.

3. Facilities that are not successful in achieving compliance with the intent of the Grease Management Program through improved housekeeping and increased maintenance and pumping of the existing grease interceptor will be required to install the necessary equipment at the owners' expense to bring the facility into compliance.
- c. Waste Minimization Plan - Food Service Facilities shall develop and implement a Waste Minimization Plan pertaining to the disposal of grease, oils, and food particles. Educational materials are available IHGID regarding the minimization of these wastes entering the IHGID Wastewater infrastructure.
3. Grease Interceptor Maintenance:
  - a. Pumping - All grease interceptors shall be maintained by the user at the users' expense. Maintenance shall include the complete removal of all contents including floating materials, wastewater, and bottom sludges and solids. Decanting or discharging of removed waste back into the interceptor from which the waste was removed or any other grease interceptor, for the purpose of reducing the volume to be disposed, is strictly prohibited.
  - b. Pumping Frequency - Outdoor grease interceptors must be pumped out completely a minimum of once every three months. Under-sink or in-line grease interceptors must be pumped/cleaned out completely a minimum of once a month. Grease interceptors may need to be pumped more frequently as needed to prevent carry over of grease into the wastewater-transporting infrastructure. Pumping frequency may be extended if it can be demonstrated by the user and approved by IHGID.
  - c. Pump Out Order - When the oil and grease concentrations exceed maximum discharge limits (200 mg/liter) and / or the combined depth of both bottom and top solids exceeds 33% of the total depth of the trap, IHGID will issue a Pump Out Order to the user. The user shall have seven (7) days from the receipt of the order to comply. Where an emergency exists, a written or verbal warning shall be given to the user, and the user will have twenty-four (24) hours to comply.
  - d. Disposal of Interceptor Pumped Materials - Responsibility for waste removed from or found in the grease interceptor or waste improperly disposed of shall be placed on the private company generator food service

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facility owner. In no way shall the pumped material be returned to any private or public portion of the sanitary sewer collection system.

- e. Additives - Any additives placed into the grease interceptor or building discharge line system on a constant, regular, or scheduled basis shall be reported to IHGID. Such additives shall include, but are not limited to commercially available bacteria or other additives designed to absorb, consume, or treat fats, oils, and grease. The use of additives shall in no way be considered as an alternative technology or a substitution for the maintenance procedures required herein.
  - f. Chemical Treatment - Chemical treatments such as drain cleaners, enzymes, acids, and other chemicals designed to dissolve, purge, or remove grease shall not be allowed to enter the grease interceptor.
4. Administrative Requirements:
- a. Administrative Fees - No fee will be charged for an annual inspection by IHGID. However, if a user's grease interceptor is not in compliance with this section, a \$200.00 re-inspection fee will be charged for each inspection thereafter until compliance is achieved.
  - b. Inspection and Entry - Authorized personnel of IHGID bearing proper credentials and identification, shall have the right to enter upon all properties subject to this program, at any time and without prior notification, for the purpose of inspection, observation, measurement, sampling, testing or record review, as part of this program.
  - c. Record Retention and Reporting - All users must keep a record of any cleaning or maintenance of their grease interceptor. These records must be kept on-site at the food service facility for a period of two (2) years minimum.
  - d. Contents of Records - These maintenance records will include the date, time, amount pumped or cleaned, transported, disposal site, and signature. This log shall be kept in a conspicuous location for inspection. This log shall be made immediately available upon request by an IHGID representative.

**Failure to comply with this program will be grounds for penalty imposition and/or discontinuation of service.**