

PRETREATMENT PROGRAM REGULATIONS

These regulations shall apply to all non-residential users that discharge into the Wastewater treatment works (WWTW) as defined in Chapter 13, Article 1 of the Crested Butte Municipal Code. Capitalized terms not otherwise defined herein shall have the meanings ascribed to such terms in the Town Code. These regulations may be amended and modified from time to time.

(a) **Definitions.**

- (1) *FOG facilities* are non-domestic dischargers located within the Town's service area where the following uses or activities occur and which are subject to the Town's pretreatment requirements for the control of fats, oils and greases:

Non-residential properties on which occurs preparation, manufacturing or processing of food, including but not limited to: restaurants, cafes, fast food outlets, pizza outlets, delicatessens, sandwich shops, schools, nursing homes and other facilities that prepare, service or otherwise make foodstuffs available for consumption.

- (2) *POGS facilities* are non-domestic dischargers located within the Town's service area where the following uses or activities occur and which are subject to the Town's pretreatment requirements for the control of petroleum, oil, grease and sand:

Non-residential properties on which occurs automotive service or repair, machine shops, automotive care centers, auto body shops, car washes or any other facility that generates sand, grit or petroleum waste that may discharge into a Town system-sewer.

- (3) *Grease interceptor* is a unit with at least two compartments and a capacity of at least 500 gallons which uses gravity to separate grease from wastewater, is designed to retain grease from one or more fixtures and which is located outside the building being served and accessible at all times.
- (4) *Sand/oil separator* is a unit of at least 300 gallons capacity designed to retain sand and oil from one or more fixtures and which shall be located remote from the fixtures being served, typically outside the building being served. The Town may determine whether or not a larger capacity sand/oil separator is required.

(b) **General Control Requirements.**

SECTION 1: FOG FACILITIES AND POGS FACILITIES:

- (1) A grease interceptor or sand/oil separator shall be required when, in the judgment of the Town, it or they are necessary for the proper handling of liquid wastes which may be harmful to, or cause obstructions to flow or pass-through, or interference with the proper operation of the WWTW.

- (2) Unless a variance has been granted by the Town, any property with industrial or commercial uses as of January 1, 2014 shall be required to install a grease interceptor or sand/oil separator as of such date. Such grease interceptor or sand/oil separator shall be installed as soon as practicable taking into account seasonal weather conditions. It shall be the responsibility of the owner of the property to contact the Town for the purpose of obtaining a plan review of all grease interceptor and oil/sand separators. The plan review shall determine the need, method, size and location of the interceptor or separator required to control discharges into the WWTW. Written approval from the Town must be obtained prior to installation of the interceptor or separator.
- (3) Detailed plans describing the grease interceptor or oil/sand separator facilities and operating procedures shall be submitted to the Town for review, and must be acceptable to the Town before such facilities are constructed. The review and approval of such plans shall in no way relieve the owner of the subject property from the responsibility of modifying such facilities as necessary to produce a discharge acceptable to the Town under these pretreatment regulations and the Town Code, nor shall it relieve the property owner of ensuring proper maintenance and cleaning of the grease interceptor and/or sand/oil separator.
- (4) The design and construction of grease interceptors and oil/sand separators shall be in accordance with the applicable plumbing and electrical codes and these regulations. The grease interceptor and oil/sand separator shall be designed, sized, installed, maintained and operated so as to accomplish their intended purpose of intercepting pollutants from the subject property's wastewater and preventing the discharge of such pollutants to the WWTW.
- (5) The property owner and the Town will use general sizing criteria shown in Table 1 to evaluate grease interceptor sizing. Approval of grease interceptor capacity shall in no way relieve the owner of the subject property from the responsibility of modifying such facilities as necessary to produce a discharge acceptable to the Town under the provisions of Town Code and these pretreatment regulations.

Table 1:

Grease Interceptor Sizing Table					
Fixture Type	# of Fixtures		Surge Flow from Fixture (gpm)		Total Flow (gpm)
<u>Kitchen Area Sinks</u>					
Single Compartment		x	20	=	
Double Compartment		x	25	=	
Triple Compartment		x	30	=	
Mop/Clean-up		x	20	=	

<u>Dishwashers</u>					
Up to 30 gallon capacity		x	15	=	
30 to 50 gallon capacity		x	25	=	
50 to 100 gallon capacity		x	40	=	
Total Surge Flow for Facility (gpm):					
Detention Time (min):					x 10
Required Minimum Grease Interceptor Capacity (gallons)*					
* Minimum Approved Size is 500 gallons, standard size is 1000 gallons					

- (6) A variance as to the requirement for the installation of a grease interceptor or oil/sand separator may be granted by the Town for good cause shown. Variances shall not exceed five years in duration and shall terminate on the earlier to occur of the expiration of the variance, the installation of a grease interceptor or oil/sand separator, transfer of ownership of the subject property or issuance of a building permit for the subject property. Such grease interceptor or sand/oil separator shall be installed as soon as practicable following the termination of the variance taking into account only delays due to inclement weather. No certificate of occupancy for the subject property may be issued until a grease interceptor or sand/oil separator required by these regulations has been installed. The Town will evaluate all data and information supporting a request for a variance. The owner of the property required to install the grease interceptor or oil/sand separator shall have the burden of proof on demonstrating through data and other information why a variance should be granted. In no case shall a variance result in violation of any requirement or effluent limit specified in the Code, these pretreatment regulations or applicable law. The granting of any variance shall be at the sole discretion of the Town. All variances shall be memorialized by a certificate of variance approved by the Town Attorney and recorded against the subject real property on the official real property records of the Clerk and Recorder of Gunnison County, Colorado. The decision of the Town Manager in regards to such variance shall be final and non-appealable. If a variance is granted, the owner of the property required to install the grease interceptor or oil/sand separator shall:
- a) Pay a pretreatment fee to offset the costs incurred by the Town for accelerated sewer line cleaning on the Town's sewer line providing service to the subject property, costs to the Town of treating the excess strength waste and any costs for sampling and analysis. The pretreatment fee shall be set forth in Chapter 13, Article 1 of the Town Code.
- (7) Upon change of ownership of any property or any portion thereof required to have an grease interceptor or oil/sand separator, the owner of such property shall have the

burden of demonstrating that a properly sized and functioning interceptor or separator is installed.

- (8) Toilets, urinals and similar fixtures shall not waste water through a grease interceptor or oil/sand separator. Such fixtures shall be plumbed directly into the building sewer and waste system.
- (9) All sink fixtures not equipped with a garbage disposal (garbage grinder) which are connected to a grease interceptor shall be equipped with a fixed or removable mesh or screen which shall catch garbage and food debris and prevent such substances from entering the grease interceptor.

(c) Required Maintenance.

- (1) Grease interceptors shall be maintained by regularly scheduled cleaning so that they will properly operate as intended to efficiently intercept the fats, oil and grease from the FOG Facility's wastewater and prevent the discharge of said materials into the WWTW. A grease interceptor in service in the Town shall be serviced when the solid material in the interceptor occupies 25% of the interceptor capacity or 180 days whichever comes first.
- (2) Sand/oil separators shall be maintained by regularly scheduled removal of the accumulated sand and oil so that they will properly operate as intended to intercept the sand and oil from the subject property's waste water and prevent the discharge of sand and oil into the WWTW. A sand/oil separator in service in the Town shall be serviced at a maximum interval of 120 days.
- (3) The Town may require more or less frequent cleaning. A variance from this requirement may be obtained from the Town when the subject property owner can demonstrate less frequent cleaning is sufficient.
- (4) Maintenance of grease interceptors and oil/sand separators shall be performed in a workmanlike manner only by professionals normally engaged in the servicing of such plumbing fixtures.
- (5) In the event grease interceptor or oil/sand separator is not properly maintained by the owner of the subject property, the Town may authorize such maintenance work be performed on behalf of the property owner. The costs of such maintenance shall be

billed directly to the customer and shall become part of the charges due and owing the Town for sewer service and shall constitute a lien against the property until paid in full.

- (6) Property owners shall:
 - a) Ensure grease interceptors and oil/sand separators are easily accessible for inspection, cleaning and removal of grease.
 - b) Maintain interceptors and separators at their expense and keep in efficient operating condition at all times by the regular removal of oil, grease and solids.
 - c) Document each pump out with a waste manifest or trip ticket that must be kept on site for at least three years.
 - d) Take reasonable steps to assure that all waste is properly disposed of at a facility in accordance with federal, State and local regulations (i.e., through a certification by the hauler included on the waste manifest or trip ticket for each load).
- (7) Use of biological additives, enzymes, or surfactants that could emulsify oil and grease is prohibited.
- (8) FOG Facilities and POGS Facilities will be identified through the Town's inspection program. Once identified and determined by the Town to need treatment, the facility shall be required to comply with the Town's pretreatment program. The Town will require these businesses to implement Best Management Practices (BMPs) to minimize the discharge of pollutants to the WWTW as described below.
 - a) FOG Facilities:
 - i) Scrape food from plates into garbage cans.
 - ii) Pre-wash plates by spraying them off with cold water over a small mesh catch basin positioned over a drain. This catch basin should be cleaned into a garbage can or other solid waste disposal device as needed.
 - iii) Pour all liquid oil and grease from pots into a waste grease bucket stored at the pot washing sink. Heavy solid build-up of oil and grease on pots and pans should be scraped off into a waste grease bucket.

- iv) Utilizing appropriate absorbent materials to contain and cleanup any spillage of grease or oils and disposing of all used absorbent materials as solid waste.
- v) Certify that training for these requirements has been provided to kitchen staff.
- vi) Other kitchen practices identified by the Town and/or FOG facility which will decrease the point source discharge of oil and grease.

b) POGS Facilities:

- i) No dumping of petroleum-based waste products into the waste collection system.
- ii) Sweeping floors and other service areas with hand brooms and dispose of all sweepings as solid waste to minimize the use of wash down water to the greatest extent practicable.
- iii) Utilizing appropriate absorbent materials to contain and cleanup any spillage of petroleum-based products and disposing of all used absorbent materials as solid waste.
- iv) Providing certification that all employees have been trained on these practices.
- v) Other practices identified by the Town and/or facility which will decrease the discharge of sand and oil.

(d) **Inspections.**

- (1) The Town will conduct inspections of any facility with or without notice and will consider such factors as, without limitation, potential to discharge oil, grease, sand, grit, or petroleum contaminated wastes.
- (2) If any inspection reveals non-compliance with any provision of these requirements, corrective action shall be undertaken immediately by the property owner. Such non-compliance may include, but not be limited to:
 - a) Poor maintenance of interceptors or separators.
 - b) Failure to timely correct previously noted areas of non-compliance.
 - c) Inability to access or open a grease interceptor or oil/sand separator.

- d) Inability to inspect a grease interceptor or oil/sand separator due to overabundance of oil, grease, grit or sand accumulation.
- (3) Inspection results will be provided in writing to the property owner.

(e) Enforcement and Compliance.

- (1) Any violation of these requirements shall be considered an unpermitted discharge and a violation of the Town Code.
- (2) The Town has the right to reject acceptance of any waste which may be harmful to or because obstructions to flow or pass-through, or interference with the proper operation of the WWTW or that violates any requirements on discharge set by local, State or federal law or regulations.
- (3) All property owners and others with property rights (e.g., tenants) of the subject property shall be jointly and severally responsible for complying with the requirements and standards established by these requirements.
- (4) Any costs incurred by the Town due to obstructions to flow or pass-through, or interference with the proper operation of the WWTW, damage or maintenance necessary in the WWTW, FOG Facility or FOG Facility shall be paid by the property owner. Any costs and expenses incurred in rectifying any such obstructions to flow or pass-through, or interference with the proper operation of the WWTW, damage or maintenance necessary in the WWTW, FOG Facility or FOG Facility, including reasonable attorneys' fees and costs of any dispute, shall be billed directly to the owner of the property, and such costs shall become part of the total charges due and owing to the Town and shall constitute a lien on the subject property.
- (5) For purposes hereof, where ownership of a lot or parcel is held by multiple owners, these regulations shall apply to all of the lot or parcel and all of the owners are responsible for the compliance hereof. "Subject property" shall include each separate property interest individually, and all property interests collectively in any lot or parcel, as the case may be, for purposes of compliance hereof.