

NORTH CORNWALL TOWNSHIP

ORDINANCE NO. 307

FATS, OILS AND GREASE CONTROL ORDINANCE

BE IT ENACTED AND ORDAINED by the Supervisors of North Cornwall Township, Lebanon County, Pennsylvania, and it is hereby enacted and ordained as follows:

SECTION 1. PURPOSE

The purpose of this Ordinance is to aid in preventing the introduction and accumulation of fats, oils and grease (FOG), which cause or tend to cause or contribute to sewer system blockages and obstructions, into the wastewater system. This Ordinance requires the installation of grease control devices at all Grease Generators located in North Cornwall Township

SECTION 2. DEFINITIONS

Unless the context specifically and clearly indicates otherwise, the meaning of the terms used in this Ordinance shall be as follows:

- A. "25% Rule" shall mean the condition in a grease interceptor when the total depth of the floating grease layer plus the settle-able solids layer exceeds 25% of the total liquid depth of the interceptor. This Rule shall be used as a benchmark for grease interceptor servicing when the interceptor is at 25% capacity and requires servicing. The 25% Rule shall be determined by a core sampling device.
- B. "Inspection" shall mean the process by which an Inspector reviews the facility to verify compliance with this Ordinance.
- C. "Authorized Agent" shall mean a certified sewage enforcement officer, code enforcement officer, professional engineer, plumbing inspector, municipal secretary, or any other qualified or licensed person who is delegated by the Township to carry out the provisions of this Ordinance within specified limits.
- D. "Automotive Facilities" shall mean any automotive repair shop or garage or car washing facility that has the potential to discharge nonpolar oil, sand, grit, or other inorganic particles to the sewer system. Automotive Facilities are considered Grease Generators, but are required to install and maintain oil/water separators instead of grease interceptors.
- E. "Best Management Practices" shall mean activities, prohibitions of practices, maintenance procedures and other management practices to prevent or reduce the introduction of FOG to the Sewer System.

- F. "Discharge" shall mean the introduction of waste into the North Cornwall Township sewer system.
- G. "Facility Contact Person" shall mean a properly-trained individual that will be responsible for coordinating inspections.
- H. "FOG" shall mean fats, oils and greases or the organic compounds derived from animal, vegetable, petroleum or mineral origin that contain multiple carbon triglyceride molecules. These substances are detectable and measurable using analytical procedures established in Title 40 of the Code of Federal Regulations Part 136. FOG is either polar (animal or vegetable) or nonpolar (petroleum or mineral origin) and according to the EPA Manual, *Local Limits Development Guidance*, exceeds 100 mg/l.
- I. "Gravity Grease Interceptor" shall mean a plumbing appurtenance or appliance that is installed in a drainage system to intercept FOG from wastewater discharge and is identified by a volume not less than 500 gallons. Gravity separation is applied with baffles and a minimum of two compartments. Gravity Grease Interceptors are installed on the exterior of a facility.
- J. "Grease Generator" shall mean a facility that causes, creates, generates, stores, or otherwise produces FOG waste from on-site process operations, whether domestically or commercially generated, or as a byproduct of some domestic or non-domestic activity. Every commercial food preparation and food service facility, including but not limited to bakeries, boarding houses, butcher shops, cafes, cafeterias, club houses, commercial kitchens, delicatessens, fat rendering plants, food courts, ice cream parlors, hospitals, meat packing plants, restaurants, schools, shopping centers, slaughter houses, soap factories, and similar facilities, especially where meat, poultry, seafood, dairy products or fried foods are prepared or served. Grease Generators also include new areas of intensified dwelling, including, but not limited to: adult day care facilities, assisted living facilities, convalescent homes, day nursing and child care facilities in which food preparation occurs, homes for the mentally challenged, hotels, maternity homes, motels in which there is a commercial food preparation service, nursing homes, retirement and life care communities and homes, and truck stops with commercial food service. Automotive Facilities are considered Grease Generators.
- K. "Grease Hauler" shall mean the entity that collects and transports, or transports and disposes of, grease interceptor waste, oil/water separator waste, seepage, and other liquid wastes at a permitted or registered treatment storage or disposal site or facility, and regulates such activities.
- L. "Grease Interceptor" shall mean a water-tight appurtenance or appliance that is installed in a sanitary drainage system to intercept nonpetroleum FOG from wastewater. The two types of interceptors include Gravity Grease Interceptors and Hydromechanical Grease Interceptors.

- M. "Grease Interceptor Waste" shall mean any grease, food particles, or organic or inorganic solid or semi-solid waste collected and intercepted by a grease interceptor, usually in layers of floatable, suspended, and settleable substances, which are ultimately removed from a grease interceptor for proper disposal. All layers must be removed for disposal.
- N. "Hydromechanical Grease Interceptor" shall mean a plumbing appurtenance or appliance that is installed in a drainage system to intercept FOG from wastewater discharge and is identified by flow rate, and separation and retention efficiency. The design incorporates air entrainment, hydromechanical separation, interior baffling, and/or barriers in combination or separately, and an external flow control, with air intake.
- O. "Inspector" shall mean a Township Authorized Agent or persons designated by North Cornwall Township to investigate compliance with and direct violations of this Ordinance.
- P. "Maintenance Cycle" shall mean the maximum number of days that can elapse between removing FOG from the interceptor or oil/water separator.
- Q. "Manifest" shall mean the written, multi-part form used as documentation and required to be in the possession of the generator, grease hauler, and disposer to document the generation, receipt, transportation, and disposal of grease interceptor waste, oil/water separator waste, seepage and other liquid wastes, enabling legal and proper disposal of this waste at a permitted or registered disposal site, and specifying the identity of the generator, grease hauler, and disposal facility operator of liquid wastes and the volume of wastes disposed.
- R. "Oil/Water Separator" shall mean a large capacity underground vault installed between a drain and the connecting sewer pipe designed to remove nonpolar oil, sand, grit, or other inorganic particles the waste stream. These vaults are designed with baffles or coalescing plates to trap sediments and retain floating oils. The large capacity of the vault slows down the wastewater, allowing oil to float to the surface and solid material to settle out. Oil/Water Separators shall be required at Automotive Facilities.
- S. "Oil Waste" shall mean any oil that has been refined from crude oil or any synthetic oil that has been used and as a result of such use is contaminated by physical or chemical impurities.
- T. "Owner" shall mean any person vested with ownership, legal or equitable, sole or partial, of any property located in the Township.
- U. "Permittee" shall mean a person issued a permit under this article, including any agent, employee, or authorized person of the permittee.
- V. "Person" shall mean any individual, partnership, company, association, corporation or other group or entity.

- W. "Sewer System" shall mean the sewer system, including mains, interceptors, pumping stations, treatment plant, force mains, etc. owned by North Cornwall Township. The sewer system contributes wastewater flows to the City of Lebanon Authority Wastewater Treatment Plan.
- X. "Township" shall mean North Cornwall Township, Lebanon County, Pennsylvania.
- Y. "Waste" shall mean the liquid and water-carried domestic and industrial wastes from dwellings, commercial establishments, industrial facilities and institutions, whether treated or untreated. The terms "Sewage" and "Wastewater" shall be deemed as waste by definition.

SECTION 3. APPLICABILITY

- A. Waste which contains grease shall be discharged into the Sewer System only under the conditions of this Ordinance. The following facilities shall discharge all waste from sinks, dishwashers, drains, and any other fixtures through which grease may be discharged, into an adequately-sized, properly-maintained and functioning grease interceptor before the discharge enters the sewer system, as well as providing a grease interceptor inlet flow control device inspection port and a grease interceptor effluent monitoring port:

1. All Grease Generators, as defined above;
2. All other facilities discharging grease in amounts that, in the opinion of the Township, will, alone or in concert with other substances from the discharges of other facilities, have a reasonable chance to impede or stop the flow of the sewer system.

- B. No individual may intentionally or unintentionally allow the direct or indirect discharge of any FOG into the sewer system in such amounts as to cause interference with the collection and treatment systems.

SECTION 4. COMPLIANCE

- A. Existing Grease Generators will be permitted to continue current operations without significant modifications until such time that one of the following conditions exist:
1. The Grease Generator proposes a significant remodeling project.
 2. The Grease Generator has a change in ownership that will increase the quantity and/or frequency of FOG discharge.
 3. It is found by the Township or its Authorized Agent to be contributing FOG in quantities sufficient to cause sewer line stoppages or necessitate increased

maintenance on the sewer system in order to keep main line stoppages from occurring or in quantities exceeding pretreatment limits.

4. The existing grease interceptor is deemed to be of substandard size or design by the Township or its Authorized Agent.
 5. Any other reason deemed necessary by the Township or its Authorized Agent, including improperly-installed or non-functioning equipment.
- B. If the conditions noted in Section 4.A.1 or 4.A.2 occur, the Grease Generator shall notify the Township within sixty (60) calendar days.
 - C. If the conditions noted in Section 4.A.3 through 4.A.5 are discovered by the Township or its Authorized Agent, the Grease Generator will be notified by the Township or its Authorized Agent of the necessary corrective actions.
 - D. New Grease Generators who are not Automotive Facilities shall be required to install properly-sized grease interceptors prior to commencement of discharge to the sewer system. Sizing must be in accordance with Section 6 of this Ordinance.
 - E. New Grease Generators who are also Automotive Facilities shall be required to install properly-sized oil/water separators prior to commencement of discharge to the sewer system. Sizing must be in accordance with Section 12 of this Ordinance.
 - F. Existing Grease Generators required by this or other applicable ordinances to maintain a grease interceptor, that are not equipped with a grease interceptor shall, within 12 months of the effective date of this Ordinance, install an adequately-sized grease interceptor in accordance with the specifications of this Ordinance. Any requests for extensions to installation dates must be made in writing to the Township, at least thirty (30) days in advance of the compliance date. The written request shall include the reasons for the Grease Generator's failure or inability to comply with the compliance date set forth, the additional time needed to complete the remaining work, and the steps to be taken to avoid future delays. The Township shall determine the date for compliance.
 - G. After the effective date of this Ordinance, all Grease Generators will be required to obtain a FOG Discharge Permit from the Township.
 - H. Classification of Grease Generators shall be as follows:
 1. Category 1 Grease Generator (Exhibit A): Generally low grease-producing facilities with no frying or grilling on site. Examples include, but are not limited to, ice cream parlors, pizzerias (without fryer), grocery stores (without fryer), convenience stores (without fryer), delicatessens, snack bars, hotel breakfast bars (without fryer), child care centers, automotive facilities, and beverage bars (without fryer).
 2. Category 2 Grease Generator (Exhibit B): Medium grease-producing facilities that engage in on-site preparation of food. Examples include, but are not limited

to, sandwich shops, grocery stores (with fryer), coffeehouses, convenience stores (with fryers), institutions (hospitals, prisons, retirement homes, etc.), and any facility with a fryer that does not fall under Category 3.

3. Category 3 Grease Generator (Exhibit C): Heavy grease-producing facilities including, but not limited to, fast food restaurants, cafeterias, buffets, pizzerias (with fryer), family restaurants, steak houses, bakeries, fried chicken restaurants, seafood restaurants, and beverage bars (with fryer).

SECTION 5. DISCHARGE RESTRICTIONS AND PROHIBITIONS

- A. Where oil and grease are a byproduct of food preparation and/or cleanup, reasonable efforts shall be made to separate waste oil and grease into a separate container for proper disposal. Except as contained in byproducts of food preparation and/or clean up, waste oil and grease shall not be discharged to any drains or grease interceptors. Such waste shall be placed in a container designed to hold such waste and either utilized by industry or disposed of at suitable locations.
- B. Where food waste grinders connect to grease interceptors, a solids interceptor shall separate the discharge before connecting to the grease interceptor. Solids interceptors shall be sized and rated for the discharge of the food waste grinder.
- C. None of the following agents shall be placed directly into a grease interceptor, or into any drain that leads to the interceptor:
 1. Emulsifiers, de-emulsifiers, surface active agents, degreasers, or any type of product that will liquefy grease interceptor wastes.
 2. Any substance that may cause excessive foaming in the sewer system.
 3. Any substance capable of passing the solid or semi-solid contents of the grease interceptor to the sewer system.
 4. Biological enzymes are prohibited unless approved by the Township.
- D. The influent to interceptors shall not exceed 140 degrees Fahrenheit (140°F). The temperature at the flow control device inspection port shall be considered equivalent to the temperature of the influent.
- E. Toilets, urinals, and other similar fixtures shall not discharge through a grease interceptor or oil/water separator.
- F. All waste shall only enter the grease interceptor or oil/water separator through the inlet flow control device, then the inlet pipe.
- G. All grease interceptor waste or oil waste shall be properly disposed of at a facility in accordance with federal, state and local regulations.

SECTION 6. GREASE INTERCEPTOR SIZING AND DESIGN

- A. Hydro-Mechanical Grease Interceptors and Gravity Grease Interceptors will be sized based on a grease production sizing approach. This method is based on the number of meals served per day multiplied by a grease production rate based on the category of discharge multiplied by the number of days between removing FOG from the interceptor. The following process should be followed for sizing every grease interceptor:
1. Using the diameter of the proposed drainage pipe directly upstream of the grease interceptor, determine the minimum gallon per minute (gpm) rating required for the grease interceptor from the following:
 - A. 2" diameter pipe- 10 gpm
 - B. 3" diameter pipe- 35 gpm
 - C. 4" diameter pipe- 75 gpm
 - D. 5" diameter pipe- 125 gpm
 - E. 6" diameter pipe- 250 gpm
 2. Reference Tables/Exhibits A, B, and C attached to this Ordinance to determine the required grease capacity based on the number of meals served per day and the selected Maintenance Cycle for removing FOG from the interceptor. Category 1 Grease Generators will reference Table A. Category 2 Grease Generators will reference Table B. Category 3 Grease Generators will reference Table C.
 3. If a Hydro-Mechanical Grease Interceptor is proposed, the minimum size shall be provided in terms of rated flow rate in gpm and total grease capacity in pounds. A Hydro-Mechanical Grease Interceptor must be independently third-party certified to the current version of PDI-G101, ASME A112.14.3, or CSA B481.1.
 4. If a Gravity Grease Interceptor is proposed, Table D/Exhibit D shall be referenced to determine the minimum liquid interceptor capacity.
- B. Interior interceptors are permitted for Category 1 Grease Generators only. Exterior Interceptors are required for Category 2 and Category 3 Grease Generators, unless unusual circumstances make installation of an exterior grease interceptor impractical or unreasonable. In such circumstances, the applicant shall provide the minimum grease capacity required in this Ordinance and demonstrate to the satisfaction of the Township and its Authorized Agent that the proposed maintenance schedule is adequate to protect the sewer system. This could require multiple grease interceptors in series or parallel configuration.

- C. The selected Maintenance Cycle provided as part of the grease interceptor sizing represents the maximum number of days that can elapse between removing FOG from the interceptor. The maximum Maintenance Cycle is 365 days.
- D. The FOG production sizing uses a presumptive approach, meaning that if a Grease Generator installs a properly-sized interceptor for its estimated grease production and actual Maintenance Cycle, the Grease Generator is in compliance with this Ordinance. In approving a grease interceptor design, the Township or its Approved Agent does not accept liability for the failure of a system to adequately treat wastewater to achieve effluent quality requirements specified under this Ordinance. It is the responsibility of the Grease Generator and/or its contractors to insure the appropriate level of treatment necessary for compliance with environmental and wastewater regulations.
- E. Facilities that propose the use of alternate sizing techniques and/or procedures that result in specifications that differ from calculated requirements must submit formulas and other bases to support proposed grease trap size/installation. Submission should also provide documentation of ability to meet effluent quality requirements based on similar installations. This proposal must be signed by a licensed plumbing contractor or engineer licensed in the state of Pennsylvania.
- F. Grease Interceptor Design Criteria:
1. Grease interceptors must be protected against siphonage, back pressure, and air circulation throughout all parts of the drainage system through the installation of necessary venting. Traps and vents associated with fixtures and grease interceptors shall be designed and installed per the manufacturer's instructions and the current applicable plumbing code.
 2. Grease interceptors must be located so that all components are readily accessible for cleaning, maintenance and visual inspection. Grease interceptors shall be installed at a minimum distance of 10 feet from sinks and dishwashers to allow for adequate cooling of wastewater. Water temperatures must be less than 140°F prior to entering grease interceptor.
 3. A suitable flow control fitting shall be installed ahead of the interceptor in the waste line beyond the fixture and as close as possible to the underside of the lowest fixture. When wastes of two or more sinks or fixtures are combined to be used by one interceptor, a single flow control fitting shall be used.
 4. Grease interceptors shall be constructed with a minimum of two chambers or shall have a minimum of two tanks in series.
 5. All grease-bearing waste streams should be routed through an appropriate grease trap/interceptor, including: three-compartment sinks, pot/pan sinks, soup kettles, hand-washing sinks, dishwashers, mop sinks and floor drains.
 6. All grease interceptors installed after the effective date of this Ordinance shall have provisions for effluent sample collection. Exterior or recessed grease

interceptors shall be required to have installed an effluent sampling well immediately following the interceptor. The sample well will have a minimum 10" diameter access cover and a minimum 6" drop from the inlet pipe to the outlet pipe through the sampling well. Interior grease interceptors should be equipped with an effluent valve assembly or other method that allows for effluent sample collection.

7. No specific materials are specified for the construction of grease interceptors. Due to the corrosive nature of FOG waste, the use of protective coatings is strongly recommended if metal or concrete products are selected.
- G. No part of this section shall be interpreted to preclude the installation of automatic grease recovery units or other alternative devices and technologies that are not specifically mentioned. The Township or its Authorized Agent may approve these types of devices on a case-by-case basis based on manufacturer's specifications provided. Permission to use alternative devices and technologies does not invalidate any other section of this Ordinance, and does not preclude enforcement actions or remedies.

SECTION 7. MAINTENANCE

- A. Grease Generators are responsible for maintaining grease interceptors and/or oil/water separators in continuous proper working condition. Maintenance activities include but are not limited to regular inspection, repairs, replacement, and installing apparatus and equipment as necessary to ensure proper operation and function of grease interceptors and/or oil/water separators. All grease interceptors and oil/water separators, regardless of Maintenance Cycle or physical location, shall be visually inspected by the Facility Contact Person a minimum of once a month.

~~B. The Grease Generators are responsible for having the grease interceptor serviced at a minimum frequency in accordance with the selected Maintenance Cycle as described herein. The following two options are available for Grease Generators to meet this requirement:~~

1. Option 1 – Grease interceptors shall be serviced (pumped, cleaned, and inspected) by a Grease Hauler that is registered to work in North Cornwall Township at a minimum frequency of the selected Maintenance Cycle. If by application of the 25% Rule, it is determined that the grease interceptor requires servicing more frequently than the Maintenance Cycle, this shall become the new pumping frequency. Grease Generators may request an increase in the frequency of the selected Maintenance Cycle. The costs of inspection and review of the selected Maintenance Cycle will be based on the most recent Fee Resolution approved by the Township. This cost must be paid to the Township prior to inspection and review of the selected Maintenance Cycle.

2. Option 2 – Self-cleaning is an option for some internal grease interceptors only. It is not an option for external interceptors. The following conditions and criteria apply for self-cleaning:
- a. The grease interceptor must be rated for no more than 100 gpm.
 - b. Proper on-site material disposal methods must be implemented. Grease waste must be placed in a leak proof, sealable container located on the premises and in an area readily available for the transporter to pump out. The container must be stored on an impervious surface such as concrete or pavement. Containers must be sealed to prevent entry of precipitation.
 - c. Detailed records as described in Section 8.C must be maintained on the site.
 - d. The interceptor must be completely evaluated of all contents during servicing.

C. Under Option 1 maintenance, the Grease Hauler shall completely evacuate all contents, including floating materials, wastewater, and bottom sludges and solids, of all grease interceptors during servicing. Skimming the surface layer of waste material, partial cleaning of the interceptor, or use of any method that does not remove the entire contents of the collection device is prohibited. The suction of the floating materials shall be done prior to removal of other contents. After complete evacuation, the walls, top, and bottom of the interceptor shall then be thoroughly scraped and the residue removed. Upon completion of the servicing, the Facility Contact Person shall make an inspection of the interior of the interceptor and then personally sign the manifest. Decanting or discharging of removed waste back into the interceptor from which the waste was removed or into any other interceptor, for the purpose of reducing the volume to be disposed, is prohibited.

D. Violations incurred by Grease Generators identifying as self-cleaners will be subject to enforcement actions, including the imposition of fines, costs, and attorneys' fees, and the Grease Generator shall be subject to removal from the self-cleaner program.

E. All waste removed from each grease interceptor and/or oil/water separator shall be disposed of at a facility permitted and authorized to receive such waste in accordance with all applicable Federal, State and local regulations. In no way shall the pumpage be returned to any private or public portion of the sewer system, nor may it be returned to any portion of the sewer system not specifically designated by the Township.

F. The Grease Generator is responsible for all maintenance costs described in this Section.

G. Providing FOG waste to a facility which recycles waste does not eliminate the need to track and manifest waste disposal as described in Section 8.

H. Best Management Practices shall be instituted by all Grease Generators to minimize the discharge of FOG. Examples of Best Management Practices include:

1. The collection and disposal of all food waste directly in garbage rather than the sink. Scrape or dry wipe pots, pans, dishware and work areas before washing to remove grease.
2. Filters and exhaust hood equipment shall be cleaned as frequently as necessary to maintain good operating condition. Wastewater generated from cleaning shall be disposed of properly.
3. Dry methods including rags and absorbents shall be used to clean up oil and grease spills.
4. Installing signage regarding Best Management Practices and waste minimization practices in food preparation and dishwashing areas.
5. Best Management Practice Training shall be conducted for all new kitchen staff and every twelve (12) months. Training records shall be maintained by the Grease Generator and be provided to an Authorized Agent during inspections.

SECTION 8. RECORD KEEPING AND REPORTING

- A. All records and manifests discussed in this Section shall be kept on file at the Grease Generator for a minimum of seven (7) years. The records shall be accessible to the Township or its Authorized Agent during normal business hours.
- B. Each grease interceptor and/or oil/water separator serviced as described in Section 7.B.1 must be accompanied by a manifest to be used for record keeping purposes. The manifest shall include: the information for the Grease Hauler (name, address, phone number); the Grease Generator information (name, address, phone number); the type and amount of waste collected and transported; the name and signature(s) of responsible person collecting and transporting the waste; and date and place where the waste was deposited. A copy of the manifest shall be provided to the Grease Generator. It is the Grease Generator's responsibility to provide the manifests to the Township or its Authorized Agent as described in the discharge permit.
- C. Each grease interceptor and/or oil/water separator serviced as described in Section 7.B.2 must have a maintenance log. At a minimum, the maintenance log must include the date and time the grease interceptor and/or oil/water separator was serviced, the name and signature of the person servicing the grease interceptor and/or oil/water separator, and the location where grease was disposed of or stored.
- D. During a facility inspection, all Grease Generators shall provide the following information:
 1. Copies of all manifests made by Grease Haulers servicing their grease interceptor during the reporting period;
 2. Copies of grease interceptor and/or oil/water separator maintenance logs;

3. Any other information required by the Fats, Oils and Grease Discharge Permit, including analysis of the discharge to the sewer system of such pollutants as the Township may require.

SECTION 9. PERMIT REQUIREMENTS

- A. It is unlawful for any Grease Generator to discharge effluent from a grease interceptor without authorization from the Township. Authorization shall be given in the form of a "Fats, Oils and Grease Discharge Permit." Application for a permit shall be made to the Township. If, after examining the information contained in the permit application, it is determined by the Township that the proposed discharge does not conflict with the provisions of this Ordinance, or any other Federal, State, or local requirement or regulation, and the annual fee is paid, a permit shall be issued allowing the facility to discharge into the sewer system.
- B. Fats, Oils and Grease Discharge Permits shall be issued for a time not longer than three (3) years from the date of the permit. The Grease Generator shall apply for permit reissuance prior to the expiration of the Grease Generator's existing permit.
- C. As a condition precedent to the granting of a permit, the permit holder under this section agrees to hold harmless the Township and the Township's employees and Authorized Agent from any liabilities arising from the Grease Generator/permit holder's operations under this permit.
- D. A copy of the Fats, Oil and Grease Discharge Permit Application can be obtained by contacting ACT ONE and Associates at (717) 236-7500, Monday through Friday, between the hours of 8:00 a.m. and 4:00 p.m. All proposed grease interceptors need to be approved by ACT ONE and Associates.

SECTION 10. GREASE HAULER REGISTRATION

- A. Only Grease Haulers registered to operate within North Cornwall Township shall be utilized. Registration is a one-time process and is free of charge. A copy of the Grease Hauler Registration Form can be obtained by contacting ACT ONE and Associates at 717-236-7500, Monday through Friday, between the hours of 8:00 a.m. and 4:00 p.m.
- B. All registered Grease Haulers must show evidence of adequate insurance for its firm or its subcontractors. Evidence of insurance coverage shall be presented to the Township in the form of insurance certificates as required in the Grease Hauler Registration Form. Insurance coverages and limits are subject to change from time to time as determined necessary by the Township's Insurance Agent. Currently these coverages and limits are a minimum of:
 1. \$1,000,000.00 General Liability coverage naming the Township and its Authorized Agent as additional insureds;

2. \$1,000,000.00 Auto Liability coverage naming the Township and its Authorized Agent as additional insureds;
 3. If the Grease Hauler has employees, Worker's Compensation limits of 100,000/500,000/100,000.
 4. Pollution Liability insurance in case of a spill, and a Hold Harmless Agreement in contract to the benefit of the Township and its Authorized Agent.
- C. Insurance certificates shall be kept current with the Township during the period the firm is working in North Cornwall Township for the purposes of maintaining or constructing grease interceptors.

SECTION 11. INSPECTION PROGRAM

- A. Each Grease Generator shall allow Inspector(s) from the Township or its Authorized Agent bearing proper credentials and identification access at all reasonable times to the premises for the purpose of inspection, observation, records examination, measurement, sampling, and testing in accordance with the provisions of this Ordinance. Inspections can be conducted on either a scheduled or unscheduled basis.
- B. All Grease Generators will be inspected on a periodic basis, but no less than once per permit duration. Inspections shall include equipment, food processing and storage areas, and shall include a review of processes that produce wastewater that discharges through the grease interceptor and/or oil/water separator. Maintenance logs and pumping manifests shall be available for review by the Inspector. The Facility Contact Person shall remove the cover(s) on the grease interceptor and/or oil/water separator and shall reinstall the cover(s) when the inspection is complete. The Inspector will document his observations on an inspection report form and provide a copy to the Facility Contact Person. Deficiencies will be noted, and may include but shall not be limited to the following:
1. Failure to properly maintain the grease interceptor and/or oil/water separator in accordance with the provisions of this Ordinance.
 2. Failure to maintain logs or manifests.
 3. Failure to report changes in operations, wastewater constituents, or change in ownership.
 4. Failure to practice Best Management Practices as described in Section 7.H.
 5. Inability of existing grease interceptor(s) and/or oil/water separator(s) to prevent discharge of grease into the sewer system. This deficiency could be due to the existing grease interceptor being of substandard size or design.

- C. If deficiencies are recorded during an inspection, the Township or its Authorized Agent will issue a formal notice of violation with details on necessary corrective action and re-inspection. In cases of re-inspection, the Township shall charge appropriate fees to the Grease Generator based on the most recent Fee Resolution approved by the Township.

SECTION 12. AUTOMOTIVE FACILITIES

- A. Automotive Facilities which include a flood drain that is connected to the Sewer System shall be required to design, install and maintain an oil/water separator to collect oil sand, grit or other inorganic particles prior to discharge to the sewer system. Sizing and installation shall conform to the requirements contained in the current edition of the International Plumbing Code or other criteria as determined on a case-by-case basis based on relevant information, including but not limited to separator performance, waste stream characteristics, facility location, maintenance needs, and inspection needs.
- B. Existing Automotive Facilities will be permitted to continue current operations without significant modifications until such time that at least one (1) of the following conditions exist:
1. The Automotive Facility proposes a significant remodeling project.
 2. The Automotive Facility has a change in ownership that will increase the quantity and/or frequency of oil-bearing or solids discharge.
 3. It is found by the Township or its Authorized Agent to be contributing oil, sand, grit or other inorganic particles discharge in quantities sufficient to cause sewer line stoppages or necessitate increased maintenance of the sewer collection system in order to keep main line stoppages from occurring.
 4. Any other reason deemed necessary by the Township or its Authorized Agent, including improperly installed or non-functioning equipment.
- C. The selected Maintenance Cycle provided as part of the discharge permit represents the maximum number of days that can elapse between removing FOG from the oil/water separator. The maximum Maintenance Cycle is 730 days.
- D. Oil/Water Separators shall be located in the Automotive Facility lateral line between all necessary fixtures and floor drains which may introduce oil, sand, grit or other inorganic particles into the Sewer System.
- E. Automotive Facilities are considered Grease Generators due to their production of nonpolar FOG. They shall be required to comply with the maintenance, records, permit, inspection requirements and other applicable requirements of this Ordinance.

SECTION 13. FACILITY CLOSURE.

- A. When a facility with a grease interceptor is razed or demolished, then the grease interceptor shall be either physically removed or have all effluent pumped out, a straight line plumbed from the inlet to the outlet of the interceptor and the remainder of the tank filled with soil and sand.
- B. When a facility with a grease interceptor is remodeled such that the grease interceptor will not be used, the grease interceptor may be abandoned in place in accordance with Section 13.A.
- C. In all instances, the owner of the premises shall appropriately inform the Township and perform the closure at such a time so as to permit an Inspector to be physically present during the removal or filling of the grease interceptor.

SECTION 14. ADMINISTRATION

- A. The Township shall fully utilize those powers it possesses through enabling statutes and ordinances to effect the purposes of this Ordinance.
- B. The Township may establish, by Resolution, all administrative procedures necessary to properly carry out the provisions of this Ordinance.

SECTION 15. FEES AND RECOVERY OF COSTS

- A. It is the purpose of this Ordinance to provide for the recovery of costs from Grease Generators for the implementation of the FOG Program. The Township from time to time may collect fees for the establishing and operating the FOG Program, for monitoring, inspection, and any other fees necessary to carry out the requirements contained herein. The current fees associated with the FOG Program shall be as set forth in the most recent Fee Resolution approved by the Township, and may be revised from time to time.
- B. When a discharge of waste causes an obstruction, damage, or any other impairment to the sewer system, the Township or its Authorized Agent shall assess the expenses incurred by the Township to clear the obstruction, repair damage, and determine any other expenses or damage of any kind or nature. The Township shall seek reimbursement from the Grease Generator or any other person causing such damage for any and all expenses, including, but not limited to, the payment of any fines or penalties to any regulatory bodies imposed on the Township as a result of permit violations caused by such blockages or obstructions.
- C. The Township reserves the right to adopt and promulgate, from time to time, additional fees and charges by Resolution, which shall be construed as part of this Ordinance.

SECTION 16. VIOLATION

A. It is unlawful for any Grease Generator to discharge into the sewer system in any manner that is in violation of this Ordinance or any condition set forth in this Ordinance. Additionally, a person commits an offense if the person causes or permits the plugging or blocking of, or otherwise interferes with or permits the interference of, a grease interceptor or the sewer system, including alteration or removal of any flow constricting devices so as to cause flow to rise above the design capacity of the interceptor.

B. Civil Enforcement

Any person who violates or fails to comply with any provision of this Ordinance shall be subject to a penalty not to exceed \$600.00 per violation. A separate offense shall arise for each day or portion thereof in which a violation is found to exist or for each section of the Ordinance which is found to have been violated. When the penalty imposed for a violation of this Ordinance is not voluntarily paid to the Township, the Township shall initiate a civil enforcement proceeding before a district justice. In addition to or in lieu of civil actions before a district justice, the Township may bring a civil action in the Court of Common Pleas of Lebanon County. In any case where a penalty for a violation of this Ordinance has not been timely paid, and the person upon whom the penalty was imposed is found to have been liable therefor in civil proceeding, the violator shall be liable for the penalty imposed, including additional daily penalties for continuing violations, plus court costs and reasonable attorneys' fees incurred by the Township in the enforcement proceedings.

C. Criminal Enforcement

If a violation of this Ordinance results in grease being discharged into the sewer system, enforcement of this Ordinance shall be by action brought before a district justice in the same manner as the enforcement of a summary offense. The Board of Supervisors may prescribe criminal fines not to exceed \$1,000.00 per violation and may prescribe imprisonment to the extent allowed by law for the punishment of summary offenses. A separate offense shall arise for each day or portion thereof in which a violation is found to exist or for each section of the Ordinance which is found to have been violated.

SECTION 17. EFFECTIVE DATE.

This Ordinance shall become effective in accordance with law. The implementation of this Ordinance and the provisions contained herein will be effective commencing five (5) days from the date of adoption.

SECTION 18. CONSTRUCTION AND SEVERABILITY

In the event any provisions, section, sentence, clause, or part of this Ordinance shall be held to be invalid, such invalidity shall not affect or impair any remaining

provision, section, sentence, clause or part of this Ordinance, it being the intent of the Township that such remainder shall be and shall remain in full force and effect.

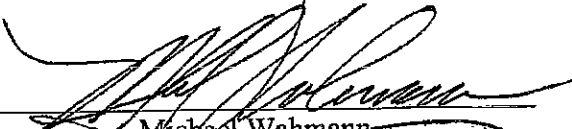
SECTION 19. REPEALER

All ordinances or parts of ordinances or resolutions or parts of resolutions which shall be inconsistent herewith expressly shall be and are repealed.


DULY ENACTED AND ORDAINED, this 18th day of December, 2018, by the Board of Supervisors of the Township of North Cornwall, Lebanon County, Pennsylvania, in lawful session duly assembled.

TOWNSHIP OF NORTH CORNWALL, Lebanon County, Pennsylvania

TOWNSHIP OF NORTH CORNWALL



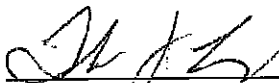
Michael Wahmann



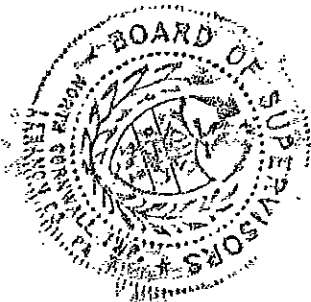
Samuel Abram, Jr.

Michael Deitzler

Attest:



Thomas J. Long, Sr.



NORTH CORNWALL TOWNSHIP SEAL

EXHIBIT A
Interceptor Sizing Table A: Category 1 Grease Generators

Meals Per Day	Maintenance Cycle (Number of Days)						
	7	14	21	30	45	60	90
>50	3	5	7	10	15	20	30
75	4	7	11	15	22	30	44
100	5	10	14	20	30	39	59
125	6	12	18	25	37	49	74
150	7	14	21	30	44	59	88
175	8	16	24	35	52	69	103
200	10	19	28	39	59	78	117
225	11	21	31	44	66	88	132
250	12	23	35	49	74	98	147
275	13	26	38	54	81	108	161
300	14	28	41	59	88	117	176
325	15	30	45	64	96	127	191
350	16	32	48	69	103	137	205
375	18	35	52	74	110	147	220
400	19	37	55	78	117	156	234
425	20	39	59	83	125	166	249
450	21	41	62	88	132	176	264
475	22	44	65	93	139	186	278
500	23	46	69	98	147	195	293
525	24	48	72	103	154	205	308
550	26	51	76	108	161	215	322
575	27	53	79	113	169	225	337
600	28	55	82	117	176	234	351
625	29	57	86	122	183	244	366
650	30	60	89	127	191	254	381
675	31	62	93	132	198	264	395
700	32	64	96	137	205	273	410
725	33	66	99	142	213	283	425
750	35	69	103	147	220	293	439
775	36	71	106	152	227	303	454
800	37	73	110	156	234	312	468
825	38	76	113	161	242	322	483
850	39	78	117	166	249	332	498
875	40	80	120	171	256	342	512
900	41	82	123	176	264	351	527
925	43	85	127	181	271	361	542
950	44	87	130	186	278	371	556
975	45	89	134	191	286	381	571
1,000	46	91	137	195	293	390	585

EXHIBIT B
Interceptor Sizing Table B: Category 2 Grease Generators

Meals Per Day	Maintenance Cycle (Number of Days)						
	7	14	21	30	45	60	90
>50	12	23	35	49	74	98	147
75	18	35	52	74	110	147	220
100	23	46	69	98	147	195	293
125	29	57	86	122	183	244	366
150	35	69	103	147	220	293	439
175	40	80	120	171	256	342	512
200	46	91	137	195	293	390	585
225	52	103	154	220	330	439	659
250	57	114	171	244	366	488	732
275	63	126	188	269	403	537	805
300	69	137	205	293	439	585	878
325	74	148	222	317	476	634	951
350	80	160	239	342	512	683	1,024
375	86	171	256	366	549	732	1,097
400	91	182	273	390	585	780	1,170
425	97	194	291	415	622	829	1,244
450	103	205	308	439	659	878	1,317
475	109	217	325	464	695	927	1,390
500	114	228	342	488	732	975	1,463
525	120	239	359	512	768	1,024	1,536
550	126	251	376	537	805	1,073	1,609
575	131	262	393	561	841	1,122	1,682
600	137	273	410	585	878	1,170	1,755
625	143	285	427	610	915	1,219	1,829
650	148	296	444	634	951	1,268	1,902
675	154	308	461	659	988	1,317	1,975
700	160	319	478	683	1,024	1,365	2,048
725	165	330	495	707	1,061	1,414	2,121
750	171	342	512	732	1,097	1,463	2,194
775	177	353	529	756	1,134	1,512	2,267
800	182	364	546	780	1,170	1,560	2,340
825	188	376	564	805	1,207	1,609	2,414
850	194	387	581	829	1,244	1,658	2,487
875	200	399	598	854	1,280	1,707	2,560
900	205	410	615	878	1,317	1,755	2,633
925	211	421	632	902	1,353	1,804	2,706
950	217	433	649	927	1,390	1,853	2,779
975	222	444	666	951	1,426	1,902	2,852
1,000	228	455	683	975	1,463	1,950	2,925

EXHIBIT C
Interceptor Sizing Table C: Category 3 Grease Generators

Meals Per Day	Maintenance Cycle (Number of Days)						
	7	14	21	30	45	60	90
>50	16	32	48	69	103	137	205
75	24	48	72	103	154	205	308
100	32	64	96	137	205	273	410
125	40	80	120	171	256	342	512
150	48	96	144	205	308	410	615
175	56	112	168	239	359	478	717
200	64	128	192	273	410	546	819
225	72	144	215	308	461	615	922
250	80	160	239	342	512	683	1,024
275	88	176	263	376	564	751	(1,127)
(300)	96	192	287	410	615	819	(1,229)
325	104	208	311	444	666	888	1,331
350	112	223	335	478	717	956	1,434
375	120	239	359	512	768	1,024	1,536
400	128	255	383	546	819	1,092	1,638
425	136	271	407	581	871	1,161	1,741
(450)	144	287	430	615	922	(1,229)	1,843
475	152	303	454	649	973	1,297	1,946
500	160	319	478	683	1,024	1,365	2,048
525	168	335	502	717	1,075	1,434	2,150
550	176	351	526	751	1,127	1,502	2,253
575	184	367	550	785	1,178	1,570	2,355
(600)	192	383	574	819	(1,229)	1,638	2,457
625	200	399	598	854	1,280	1,707	2,560
650	208	415	622	888	1,331	1,775	2,662
675	215	430	645	922	1,383	1,843	2,765
700	223	446	669	956	1,434	1,911	2,867
725	231	462	693	990	1,485	1,980	2,969
750	239	478	717	1,024	1,536	2,048	3,072
775	247	494	741	1,058	1,587	2,116	3,174
800	255	510	765	1,092	1,638	2,184	3,276
825	263	526	789	1,127	1,690	2,253	3,379
850	271	542	813	1,161	1,741	2,321	3,481
875	279	558	837	1,195	1,792	2,389	3,584
(900)	287	574	860	(1,229)	1,843	2,457	3,686
925	295	590	884	1,263	1,894	2,526	3,788
950	303	606	908	1,297	1,946	2,594	3,891
975	311	622	932	1,331	1,997	2,662	3,993
1,000	319	637	956	1,365	2,048	2,730	4,095

EXHIBIT D

Interceptor Sizing Table D: Uncertified Gravity Grease Interceptor Sizing

Grease Generation Rate from Tables A through C (lbs) ⁽¹⁾	Minimum Interceptor Liquid Capacity (Gallons) ⁽²⁾
0 - 510	500
511 - 765	750
766 - 1,020	1,000
1,021 - 1,275	1,250
1,276 - 1,530	1,500
1,531 - 2,040	2,000
2,041 - 2,550	2,500
2,551 - 3,065	3,000
3,066 - 4,080	4,000
4,081 - 5,100	5,000

<u>DESCRIPTION</u>	<u>PROPOSED FEE</u>
FATS, OILS AND GREASE CONTROL ORDINANCE #307	
Initial App., Change of Ownership	\$300
Annual Fees	
CATEGORY 1- Base Fee	\$240
CATEGORY 2- Base Fee	\$330
CATEGORY 3- Base Fee	\$425
Other Fees	
Inspection Fee (Once per permit cycle)	\$240
Re-Inspection Fee (If found not in compliance)	\$240
Request for Reduced Maintenance Cycle Fee	\$240