

## JASPER WATER WORKS & SEWER BOARD, INC

### SANITARY SEWER POLICY REGARDING FATS, OILS AND GREASES

**I. Purpose.** This Policy is intended to aid in the proper treatment of wastewater collected in the Board's wastewater collection system and treated at its publicly-owned treatment works ("POTW"), as well as to aid in the prevention of sanitary sewer blockages, obstructions, and overflows caused by the introduction, discharge or contribution of fats, oils, greases, grease complexes, scum, sludge and other organic polar compounds into the Board's wastewater collection system or POTW by commercial, industrial, institutional and other non-residential activities.

#### **II. Definitions.**

(1) **"Board"** shall mean the Jasper Waterworks & Sewer Board, Inc., and its utility service area.

(2) **"Person"** shall mean any actual person, corporation, partnership, limited liability company, unincorporated association, any other legal recognized entity, and any governmental entity or political subdivision and departments and agencies thereof.

(3) **"FOG"** shall mean all greases, grease complexes, fats, oils, scum, sludge and all other organic polar compounds derived from animal and/or plant sources that contain multiple carbon chain triglyceride molecules. Such substances are detectable and measurable using analytical procedures established in 40 C.F.R. 136. FOG shall also include any pollutant that will emulsify grease or oil, or cause grease or oil to solidify or become more viscous.

(4) **"Wastewater"** shall mean any substance introduced, contributed to, or discharged into the Board's wastewater collection system or POTW.

(5) **"Grease trap"** or **"grease interceptor"** shall mean a device for separating and retaining waterborne FOG before the wastewater which contains such FOG exits the grease trap or grease interceptor into the Board's wastewater collection system or POTW. The grease trap or grease interceptor also collects settleable solids generated by or incidental to commercial, industrial and food preparation activities.

(6) **"Cooking establishment"** shall mean any Person primarily engaged in the activities of cooking, preparing, serving or otherwise making available for human consumption any form of food stuff, and which uses one or more of the following cooking preparation methods in connection with such activities: cooking or preparation by frying (all methods), baking (all methods), grilling, sautéing, rotisserie cooking, broiling (all methods), boiling, blanching, roasting, toasting, poaching, or any type of cooking or preparation that produces a hot non-potable product in or on a receptacle that requires washing, rinsing or other form of cleaning. Such establishments include, but are not limited to, restaurants, cafeterias, extended care facilities, nursing homes, hospitals, school cafeterias

(public and private), and daycare facilities where meals for more than six (6) children are prepared, served or otherwise made available for human consumption.

(7) **"Non-cooking establishment"** shall mean any Person primarily engaged in the rendering or preparation of precooked food stuffs that do not require or involve any form of cooking. Such establishments include, but are not limited to, establishments that are primarily engaged in the rendering preparation of cold dairy and frozen food stuffs. These businesses are encouraged to explore methods of exemption and alternate compliance status.

(8) **"User"** shall mean any Person primarily engaged in the commercial, industrial, institutional or other non-residential activity who introduces, contributes or discharges or causes or permits the introduction, contribution or discharge of wastewater into the Board's wastewater collection system or POTW, including but not limited to any Person who introduces, contributes or discharges wastewater into the wastewater collection system or POTW through any mobile source.

(9) **"Commercial establishment"** and **"industrial establishment"** shall mean any User that has the potential to use, contribute to or otherwise impact the Board's wastewater collection system or POTW. Such establishments include, but are not limited to, maintenance facilities, repair facilities and equipment cleaning facilities.

### **III. Grease trap and interceptor installation, maintenance, record-keeping and removal.**

(1) No later than one (1) year after adoption of this Ordinance, all current Users shall install grease traps or interceptors designed to limit the introduction, contribution or discharge of FOG into the Board's wastewater collection system or POTW. Grease traps and interceptors with appropriate sampling or inspection points shall be installed at the User's expense whenever any User operates a commercial, industrial, or institutional cooking establishment, or operates a facility which would otherwise introduce FOG into the Board's wastewater collection system or POTW. Grease traps and interceptors must have a minimum capacity of one thousand (1,000) gallons or more as required to affect an FOG concentration maximum of 100 mg/l. All new Users, which desire to introduce, contribute, or discharge wastewater into the Board's wastewater collection system or POTW after the date of the adoption of this Policy shall install grease traps or interceptors as described above.

(2) Alternative methods of compliance may be approved by the Board if the User demonstrates that compliance with this Policy is impossible or impractical at the time of adoption of this Policy as a result of limited space. However, any such proposed alternative method of compliance will be required to meet the performance criteria specified in Section III-(1) of this Policy, and the User must adequately demonstrate to the satisfaction of the Board that the proposed alternative method will satisfy those performance criteria. In addition, any such alternative method must be cleaned at a more frequent interval than is required of grease traps and interceptors under Section III-(5) of this Policy. Under-the-counter types of grease traps and interceptors shall be cleaned at least daily. Prior to approval of any such proposed alternative method of compliance, documentation of the proposed methods after performance criteria must be submitted designated

Enforcement Official for review and approval.

(3) Grease traps and interceptors may also be required in other facilities, as deemed necessary by the Board's designated enforcement official.

(4) Upon the prior written approval of the Board, non-cooking establishments may be exempted from the requirements of this Policy after an inspection of the subject premises and submission of adequate supporting documentation, as deemed necessary in the sole and absolute discretion of the Board. At a minimum, such supporting documentation shall include: blueprints of the subject premises, a full and detailed description of the operations and activities at the subject premises, and a full and detailed list of all potential sources of FOG at the subject premises.

(5) Users shall empty and service grease traps and interceptors to comply with the performance criteria in Section III-(1) of this Policy as often as necessary, but in any event no longer than every sixty (60) days. The Board may require a specific schedule if deemed necessary by the Board. Under-the-counter types of grease traps and interceptors shall be cleaned as least daily, and shall comply with the performance criteria of Section III of this Policy. There shall be no reintroduction of wastewater back into the grease trap or interceptor unless and until said wastewater has been proven to contain 100 mg/l or less of FOG. Under no circumstances shall the sludge or scum layer be reintroduced or discharged into the Board's wastewater collection system or POTW.

(6) Users shall supply (i) an adequate sampling point downstream of the grease trap or interceptor, prior to mixing with other sanitary flows, and (ii) an accessible entry into each chamber of the grease trap or interceptor. The minimum requirements for the sampling point shall be a four (4) inch vertical clean-out. The Board shall have the right to inspect at any time and without prior notice.

(7) User shall retain detailed records on site for a minimum of three (3) years reflecting all maintenance carried out pursuant to this Policy. At a minimum, such records shall contain the following information: date of service, name of the employee involved, and a receipt reflecting all services rendered by the waste hauler providing the service.

(8) Users are required to keep the grease trap or interceptor free of inorganic solids such as grit, towels, gloves, cigarettes, eating utensils, etc., which could clog or settle in the trap or interceptor, thereby reducing the effective volume or capacity of the trap or interceptor.

(9) Users are required to ensure that all waste material removed from grease traps and interceptors is disposed of in a manner that complies with all federal, state and local statutes, rules, regulations, policies and ordinances. At no point shall such waste material be reintroduced into the Board's wastewater collection system or POTW.

(10) Except as provided herein, for a period of one (1) year following the adoption of this Policy, no enforcement actions will be taken under this section for failure to achieve the performance criteria specified in Section III of this Policy. If, during such period, (i) an obstruction of any of the Board's sanitary sewer mains occurs or causes a sewer overflow, spill, leak or other event with any

environmental impact, and (ii) such overflow, spill, leak or other event may be attributable in part or in whole to a particular User, then the Board will seek enforcement action under Section IV of this Policy. For purposes of this section, an overflow, spill, leak or other event shall be deemed to have an environmental impact when (i) such overflow or other event involves an amount of wastewater equal to or in excess of one thousand (1,000) gallons, or (ii) any amount of wastewater reaches any body of surface water, or (iii) results in any type of violation of any federal, state or local statute or ordinance or violates any rule, regulation, or policy of the Environmental Protection Agency, the Alabama Department of Environmental Management, or any other federal, state or local agency.

**IV. Enforcement.** Any User that fails to comply with the requirements of this Policy shall be subject to a fine or termination of sewer services as determined by the General Manager of the Board or his designee.

A violation of any provision of this Policy shall subject the User to a fine up to \$100.00 for the first violation, up to \$250.00 for the second violation, and a fine up to \$1000.00 or termination of sewer services for the third violation. Any violation of this Policy which does not result in termination of sewer services shall be corrected within thirty (30) days of the notice of violation. The failure to correct the violation within thirty (30) days of the notice of violation shall subject the User to revocation of sewer services, unless the User is granted additional time by the General Manager or his designee to come in compliance with this Policy. The following acts subject the User to immediate termination of sewer services:

- (1) Failure to install a grease trap or interceptor as required by this Policy;
- (2) Failure to factually and accurately report the operations of the User's facility or Commercial Establishment, Industrial Establishment, or Cooking Establishment which affect and impact the wastewater discharge into the Board's wastewater collection system or POTW;
- (3) Failure of the User to report significant changes in its operations;
- (4) Refusal of reasonable access to the User's premises for purposes of inspection or monitoring by a designated Enforcement Official; or
- (5) Repeated violations of any part of this Policy.


The Board specifically reserves the right to terminate sewer services to any User if it is determined by the Board and its Engineer that the User's sewer discharge is adversely affecting the Board's wastewater collection system or POTW and untreatable by the Board without the User's pretreatment before discharge. Termination of sewer service can include, but not limited to disconnection of or blocking off the User's sewer service.

Any User adversely affected by an enforcement decision issued pursuant to this Section shall be entitled to a hearing before the full Board to review the General Manager's decision. In order for a User to avail himself to such a hearing the User must make a written request to the Board for such hearing within seven (7) days of the adverse decision. If such a request for hearing is made the Board shall hold the hearing at its next regularly scheduled Board meeting after the request is made. At the hearing the General Manager or his designee shall present to the Board the reasons the enforcement decision. Thereafter, the User shall present its reasons why the enforcement decision should be over

turned. After consider of all such evidence the Board shall vote whether to uphold the General Manager's decision or to overturn the decision. No formal rules of evidence or procedure shall apply to the hearing.

**V. International Plumbing Code.** The Board has previously adopted the International Plumbing Code (2009 Edition) ("IPC") as the code governing the design and installation of plumbing systems within the jurisdiction of the Board. It is the intent of this Policy to be read and interpreted along side the IPC so as to give full force and effect to the purpose of this Policy. However, where the IPC and this Policy may be inconsistent the IPC should prevail, but only so long as it will prevent or significantly limit the introduction, contribution and discharge of FOG into the Board's wastewater collection system or POTW.

Adopted this the 19<sup>th</sup> day of August, 2014.

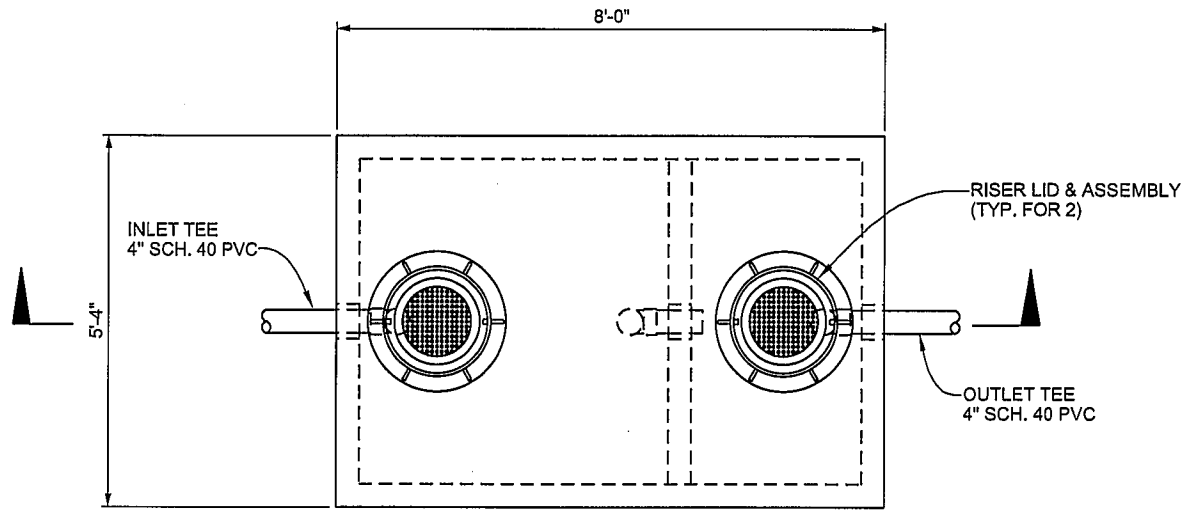
  
Chairman of the Board

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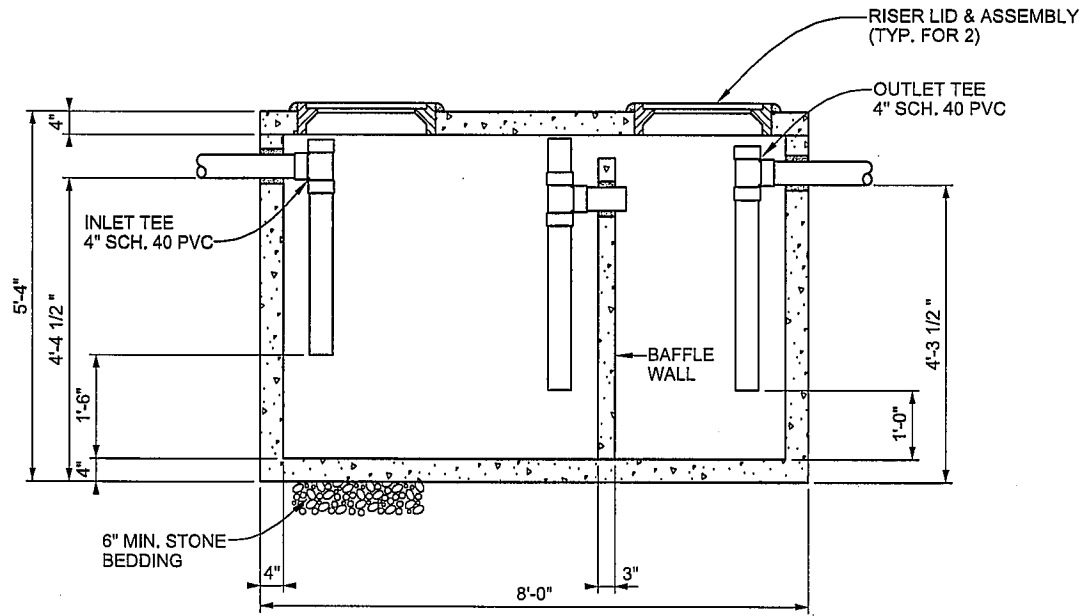
  
Secretary



# 1,000 GALLON GREASE TRAP



PLAN



SECTION

## GENERAL NOTES:

1. CONCRETE SHALL BE 4000 PSI @ 28 DAYS.
2. ENTRAINED AIR SHALL BE 4% - 6%.
3. TANK PENETRATIONS SHALL BE INTEGRALLY CAST.
4. ALL JOINTS SHALL BE SEALED WITH BUTYL RUBBER JOINT SEALANT.
5. ACCESS COVERS SHOULD HAVE RISERS TO BRING COVER ACCESS TO GRADE.