

BETHEL PUBLIC UTILITIES COMMISSION
SEWER USE RULES AND REGULATIONS

1.0 SEWER CONNECTION AND DISCHARGE PERMITS

No person shall uncover, make any connection with or opening into, alter, repair, disturb, use or discharge to any public sewer or appurtenance thereof without first obtaining a written Sewer Connection Permit and a Sewer Discharge Permit from the Bethel Public Utilities Commission (hereafter "BPUC"). No person shall increase the volume of sewage, nor change the character of pollutants discharged to the sewer system nor expand or change the use of any premises without first obtaining a written Sewer Discharge Permit from the BPUC. No certificate of occupancy issued by the Building Official shall entitle the recipient to use or discharge to the public sewer in the absence of a Discharge Permit issued by the BPUC. The Discharge Permit shall be subject to the requirements of and the limitations imposed by these Sewer Use Regulations and the ordinances of the Town of Bethel.

1.1 SEWER CONNECTION PERMIT - PROCEDURE

1.1.1 FILING: APPLICATION FOR SEWER CONNECTION PERMIT

Any property owner or other person desiring to discharge sewage to the public sewer system, to increase the volume of sewage discharged to the public sewer system, to change the character of the pollutants being discharged to the public sewer system, or to change the use of any premises discharging to the sewer system shall file an application for a Sewer Connection Permit with the BPUC. All applications shall be signed by the owner of the subject property.

1.1.2 RESIDENTIAL / MULTI-FAMILY PERMIT

In the case of an application for a Sewer Connection Permit for a single-family dwelling or a multi-family dwelling complex, the applicant shall submit the following information in such form as may be required by the Commission:

- a) Property address
- b) daily sewer capacity allocation for such property as set forth in the *Bethel Water Pollution Control Plan*;

- c) Type of sewage;
- d) Number of separate dwelling units;
- e) Estimated daily peak and daily average sewage flows for proposed use;
- f) Name and address of design engineer;
- g) Name and address of licensed installer;
- h) For a discharge of domestic sewage in excess of 50,000 gallons per day, the applicant must first obtain a permit from the Department of Environmental Protection under the provisions of Section 22a-430 (Regulations, Section 22a-430-1 et seq.) of the General Statutes and a copy of such permit must be filed with the application for a Sewer Connection Permit. For a discharge of less than 50,000 gallons per day of domestic sewage, the BPUC may require the Applicant to submit its plans to the Department of Environmental Protection for technical review and approval prior to issuance of a Sewer Connection Permit by the BPUC;
- i) Such other information as the BPUC may require;
- j) Such fees as may be required by the BPUC (See Section 7.2.2).

1.1.3 COMMERCIAL PERMITS

In the case of an application for a Sewer Connection Permit for commercial uses or establishments, the applicant shall submit the following information in such form as may be required by the Commission:

- a) Property address
- b) Daily sewer capacity allocation for such property as set forth in the *Bethel Water Pollution Control Plan*;
- c) Proposed type and volume of sewage;
- d) Estimated daily peak and daily average sewage flows;
- e) Number of separate commercial units;
- f) Type or types of businesses proposed;
- g) Name and address of design engineer;

- h) Name and address of licensed installer;
- i) Nature, type and size of fat, oil or grease producing facilities and expected concentrations of fat, oil or grease to be discharged;
- j) Plans and specifications for onsite FOG treatment;
- k) For a discharge of domestic sewage in excess of 50,000 gallons per day, and for the discharge of any other category of waste, the applicant must first obtain a permit from the Department of Environmental Protection under the provisions of Section 22a-430 (Regulations, Section 22a-430-1 et seq.) of the General Statutes and a copy of such permit must be filed with the application for a Sewer Use Permit. See Conn. Regulations, Sections 22a-430-2(b)(2); 22a-430-3(b)(6). For a discharge of less than 50,000 gallons per day of domestic sewage, the BPUC may require the Applicant to submit its plans to the Department of Environmental Protection for technical review and approval prior to issuance of a Sewer Connection Permit by the BPUC;
- l) Such other information as the BPUC may require;
- m) Such fees as may be required by the BPUC (See Section 7.2.2).

1.1.4 INDUSTRIAL PERMITS

In the case of an application for a Sewer Connection Permit for industrial establishments, the applicant shall submit the following information in such form as may be required by the Commission:

- a) Property address
- b) Daily sewer capacity allocation for such property as set forth in the *Bethel Water Pollution Control Plan*;
- c) Copy of permit issued by the Department of Environmental Protection under the provisions of Section 22a-430 (Regulations, Section 22a-430-1 et seq.) of the General Statutes;
- d) Nature of industrial waste;
- e) Type or types of industrial use / business;
- f) Estimated average and peak daily discharge of industrial wastes;
- g) Waste characteristics;

- h) Nature, type and size of fat, oil or grease producing facilities and expected concentrations of fat, oil or grease to be discharged;
- i) Plans and specifications for onsite FOG treatment;
- j) List of all chemicals to be used on premises, including safety data sheets;
- k) Such fees as may be required by the BPUC (See Section 7.2.2).

1.1.5 ADDITIONAL SEWER CONNECTION PERMIT APPLICATION REQUIREMENTS

1.1.5.1. Building Sewer Plan. All applicants must file with their application for Sewer Connection Permit a detailed site plan depicting property limits, proposed buildings, FOG Interceptors (grease traps) and their connections to the sanitary sewer line. In the case of applications for multifamily, commercial or industrial uses, such plan shall be prepared by a Connecticut licensed professional engineer or land surveyor to the degree of accuracy required of a Class A-2 survey.

1.1.5.2. Requirement for Separate Building Sewers

Each single family residence shall be served by its own separate and independent sewer line. Each unit in a multifamily building (including condominiums) and each unit in a commercial or industrial condominium shall be served by a separate and independent building sewer line. This requirement may be waived by the BPUC for existing structures where the BPUC determines that compliance with the separate building sewer requirement is not practical.

A multifamily, multi-use commercial or industrial building under single ownership may be served by a single building sewer, but thereafter, such building may not be converted or divided into separate ownership units by conversion to condominiums or otherwise, unless and until individual sewer connections are provided for each ownership unit.

1.1.5.3 Cash Deposit - Performance Bond. In order to assure completion of the work associated with any Sewer Connection Permit and compliance with the provisions of Section 2.0 et. seq., of these Regulations, no Sewer Connection Permit shall be issued unless *the permittee or the licensed installer* has first provided the BPUC with a \$1,000.00 deposit by cash, bank or certified check to insure completion of the permit work in accordance with the requirements of these Regulations. Upon the satisfactory completion of the permit work, the party posting such security shall be entitled to the return of the \$1,000.00 deposit. In the event that the permittee or the installer fails to complete the permit work in accordance with these Regulations or in the event that the permit expires, such cash deposit shall be forfeited to the BPUC. In lieu of requiring a cash deposit, the BPUC may authorize licensed installers to post a performance bond with surety in the amount of not less than Three Thousand Dollars (\$3,000.00) conditioned upon the completion of the permit work and compliance with these Regulations. Persons engaged in the business of making sewer connections may post a performance bond to cover not more than three (3) installations at any one time. When a performance bond is authorized, such performance bond shall be in the form authorized for use by the BPUC's Attorney. The surety shall be a company authorized to act as surety by the State of Connecticut and shall be subject to approval by the BPUC.

1.1.5.4 Waiving of Deposit or Bond. The BPUC may waive the cash deposit and/or performance bond requirement for expansion or change in use of premises or for change in the character of the discharge where no new permit work is required.

1.2 CONSIDERATION OF PERMIT APPLICATIONS

Applications for Sewer Connection Permits that are for projects that may be expected to exceed the property's sewer capacity allocation shall not be approved. Applications for Sewer

Connection Permits that are incomplete or which are not accompanied by the items specified in Section 1.1 of these Regulations shall not be approved. Applications for Sewer Connection Permits shall be considered only when the BPUC determines that the public sewer system is capable of conveying and adequately treating the sewage to be discharged.

2.0 SEWER CONNECTION PERMIT: STANDARDS OF CONSTRUCTION - LAPSE OF PERMIT

Upon approval of a Sewer Connection Permit application, the payment by the applicant to the BPUC of the required application fee and the posting by the applicant or the licensed installer of the required cash deposit or performance bond, the permittee is authorized to construct the building sewer in accordance with the sewer plan, as filed, and subject to the requirements set forth in these Regulations and in the Town Ordinances governing sewer use.

The Sewer Connection Permit shall automatically lapse one (1) year after the date of the issuance unless a written extension is granted by the BPUC prior to the expiration of said one (1) year period. Within such time period, the permittee must construct the sewer, complete the connection to the municipal sewer line and obtain an inspection and approval of the connection by the BPUC. No discharge to the sewer system shall be permitted until after the filing of "as-built" drawings and only after all work, including the actual connection to the municipal sewer line, has been inspected and approved by the BPUC. Upon connection to the sewer system, the permittee shall be billed for, and shall be obligated to pay, the sewer use charges, regardless of discharge.

Once a Sewer Connection Permit has lapsed, a new Sewer Connection Permit application will be required before further authorization to construct and connect the building sewer will be granted. All work on the construction of the building sewer shall immediately cease whenever the Sewer Connection Permit under which it is being performed has lapsed.

2.1.1 SEWER CONNECTION PERMIT: EXISTING BUILDING SEWERS

Existing building sewers may be used in connection with existing buildings only when they are found, on examination and testing by the BPUC, to be not less than 4" in diameter and to meet all requirements of these Regulations and only with a written permit from the BPUC or its authorized agent.

2.1.2 SEWER CONNECTION PERMIT: ABANDONMENT OF SEPTIC TANKS

Prior to connecting any building to the municipal sewer system, the owner shall abandon any existing septic tank, or other hollow leaching structure, in such a manner as to eliminate the danger of collapse or entry into such septic tank or leaching structure. Prior to abandonment, the septic tank or leaching structure shall be pumped of all septic wastes. Septic tank wastes shall not be discharged to the sanitary sewer. The accepted methods of abandonment shall be to crush such tank or structure and backfill with clean soil or to fill the tank or structure with medium to coarse sand. Notwithstanding the foregoing, prior to abandonment, the owner shall secure a permit authorizing such abandonment from the Director of Health and shall comply with all requirements imposed by the Director of Health.

2.1.3 SEWER CONNECTION PERMIT: CONSTRUCTION DETAILS

The construction of each building sewer, including required pump stations, FOG (fat oil and grease) interceptors and oil and sand interceptors, and the methods to be used in excavation, placing of the pipe, jointing, testing and backfilling of the trench and connection of the building sewer to the public sewer shall conform to the requirements of the Technical Standards of the Town of Bethel Public Utilities Commission and to the requirements of the building and plumbing code applicable in the Town of Bethel. In the absence of regulatory or code provisions or in amplification thereof, the materials and procedures set forth in appropriate specifications of the Water Environment Federation Manual of Practice No. FD-5 shall apply.

The applicant shall give the BPUC twenty-four (24) hours notice of when the building sewer will be ready for inspection and connection to the public sewer. The connection shall be made under the supervision and during the presence of the BPUC or its authorized agent.

Special fittings may be used for the connection of the building sewer to the public sewer only when approved by the BPUC or its authorized agent. No connection shall be made on Saturdays, Sundays or Town of Bethel Holidays. The BPUC agent shall have the authority to stop work when it is not in compliance with these regulations. Such stop work order shall remain in effect until the deficiency is corrected.

No discharge into the public sewer shall be made until such time as the building sewer and connection has been inspected and approved by the BPUC and until a Sewer Discharge Permit has been issued.

2.1.4 SEWER CONNECTION PERMIT: FOG INTERCEPTORS AND FOG MANAGEMENT EQUIPMENT

All new commercial or industrial buildings housing or capable of housing a Food Preparation Establishments as defined in these Regulations, including Class III and Class IV food service establishments as defined under Section 19-13-B42 of the State of Connecticut Public Health Code and including restaurants, hotel, hospital, school and church kitchens, fast food take-out, cafeterias, catering establishments, bars and clubs, shall be served by an external FOG Interceptor conforming to the requirements set forth in the Technical Standards, Section A-1.4. The design for such FOG Interceptor shall be submitted as part of the application for Sewer Connection Permit for such new commercial or industrial building. Upon installation of such system in accordance with the approved design, the FOG Interceptor shall be operated and maintained by the property owner in strict conformance with requirements set forth in the Technical Standards.

All existing commercial or industrial buildings housing Food Preparation Establishments as defined in these Regulations, including all Class III and Class IV food service establishments as defined under Section 19-13-B42 of the State of Connecticut Public Health Code and including all restaurants, hotel, hospital, school and church kitchens, fast food take-out, cafeterias, catering establishments, bars and clubs, shall be served by a FOG Interceptor (grease trap) or alternate FOG Management Equipment conforming to the requirements set forth in the

Technical Standards as approved by the BPUC. Within six (6) months of issuance by the BPUC of a notice to submit an application for approval of FOG Interceptor or FOG Management Equipment, the property owner shall submit a complete application for permission to install an external FOG Interceptor, or where that is not feasible, for permission to install internal FOG Management Equipment. The property owner shall promptly revise or alter such application, including the proposed design for the FOG Interceptor or the design and equipment for the proposed FOG Management Equipment, as deemed necessary by the BPUC. Within twelve (12) months of approval of such application, the property owner shall complete the installation of the external FOG Interceptor or internal FOG Management Equipment as approved by the BPUC. Failure to submit, revise or pursue such application to an approval or failure to complete the installation of approved facilities shall be grounds for termination of sewer service to the property. Upon installation of such system in accordance with the approved design, the FOG Interceptor or the Fog Management Equipment shall be operated and maintained by the property owner in strict conformance with the Technical Standards set forth in these Regulations.

2.1.5 SEWER CONNECTION PERMIT: OIL AND SAND INTERCEPTORS

Special oil and sand interceptors shall be provided for non domestic waste when such interceptors are, in the opinion of the BPUC, necessary for the proper handling of liquid wastes containing petroleum based oil and grease, any flammable waste, sand or any other harmful ingredient. Service stations, motor vehicle repair or maintenance facilities, motor vehicle fluid change facilities, auto dealers, car wash facilities and other similar facilities discharging non-domestic waste to the public sewer shall be required to install oil and sand interceptors. When the proposed discharge requires issuance of a Department of Environmental Protection discharge permit, a copy of such permit shall be submitted as part of the Application for Sewer Connection Permit. When the proposed discharge requires issuance of a City of Danbury permit, a copy of such permit shall be submitted as part of the Application for Sewer Connection Permit.

All oil and sand interceptors shall be of a type and capacity approved by the BPUC or its designated agent and shall conform to the requirements set forth in the Technical Standards, Section A-1.6, and the City of Danbury.

2.1.6 SEWER CONNECTION PERMIT: SPECIAL DISCHARGE FACILITIES

The BPUC may require the installation of pre-treatment facilities a) to reduce biochemical oxygen demand of discharged waste to three hundred (300) parts per million; b) to reduce the suspended solids of discharged waste to three hundred-fifty (350) milligrams per liter; or c) to reduce other objectionable characteristics or constituents to within the maximum limits provided in Section 6.0 and Section 6.1 of these Regulations. The BPUC may also require the installation of flow-equalizing or "off peak discharge" facilities to control the quantities and rates of discharge of sewage to the public sewer system.

Plans, specifications and all other pertinent information relating to such facilities shall be submitted to the BPUC for approval. No Sewer Connection Permit shall be issued until the BPUC has approved in writing the plans and specifications for such facilities. Plans and specifications may be subject to review and approval by the City of Danbury.

All pre-treatment, flow equalization or "off peak discharge" facilities installed as part of a sewer connection shall be continuously maintained by the owner, and at his expense, in satisfactory and effective operating condition.

For buildings discharging industrial waste to the municipal sewer, the BPUC may require the installation of a suitable structure, meters and other appurtenances to facilitate observation, sampling, and measurement of the waste volume and characteristics. Any such required structure shall be safely accessible and shall be constructed in accordance with plans and specifications approved by the BPUC. Each sampling structure shall be located at a point in the waste stream where a representative sample of the industrial wastewater may be obtained prior to its being diluted by domestic sewage in the building sewer. Each such structure shall be installed and properly maintained at all times by the owner at his expense.

2.1.7 SEWER CONNECTION PERMIT: COST OF CONSTRUCTION

All cost and expense incidental to the installation and connection of the building sewer shall be borne by the property owner. The owner shall indemnify and hold the Town of Bethel and the BPUC harmless from any loss or damage that may be sustained as a result of the installation by the owner.

3.0 SEWER DISCHARGE PERMIT

3.1.1 APPLICATION FOR DISCHARGE PERMIT

Upon satisfactory completion and inspection of the building sewer installation, the applicant shall file a completed Application for Discharge Permit with the BPUC. Such application shall be signed by the owner of the property, and shall otherwise be in such form and contain such information as the BPUC requires. A suitable as-built plan of the installation shall be provided to the BPUC prior to the issuance of any Sewer Discharge Permit.

3.1.2 DISCHARGE PERMIT: RIGHT OF INSPECTION:

By submission of an application for Sewer Discharge Permit, the Owner agrees that the premises may be inspected by the BPUC or its duly authorized agent for purposes of verifying the information submitted in the Application for Sewer Connection Permit and for the purpose of verifying, from time to time, that the sewer discharge from the premises conform to the requirements of these Regulations, and the Discharge Permit.

3.2 DISCHARGE PERMIT: PUMPING FACILITIES

As a condition of each Sewer Discharge Permit involving the installation of sewage pumping facilities, the property owner agrees that the BPUC and its authorized agents, upon reasonable notice, shall have the right: a) to enter onto the property served by such facilities, b) to inspect, repair or replace pumping facilities or equipment on an emergency basis as may be necessary as determined by the BPUC or its agent, c) to charge the property owner for all equipment and labor provided in inspecting, repairing and replacing such pumping facilities or equipment. The Owner shall indemnify the BPUC against all claims for damages or liability for

any work done pursuant to these Regulations. The BPUC shall have the right to place a lien on the property should charges remain unpaid for more than 60 days.

3.2.1 DISCHARGE PERMIT: MAINTENANCE REQUIREMENTS FOR PUMPING FACILITIES, FOG INTERCEPTORS, FOG MANAGEMENT EQUIPMENT AND OIL AND SAND INTERCEPTORS

As a condition of each Sewer Discharge Permit involving the installation of sewage pumping facilities, a FOG Interceptor, FOG Management Equipment or an Oil and Sand Interceptor, the applicant and property owner agree that such facilities shall be operated and maintained in the manner specified in the applicable Technical Specifications, and that failure to properly operate and maintain such facilities as required shall be grounds for revocation of the Sewer Discharge Permit and termination of sewer service to the property.

3.3 REVOCATION OF SEWER DISCHARGE PERMIT

Each Sewer Discharge Permit shall be revocable by the BPUC following notice to the property owner and a right to be heard for non-payment of applicable fees, assessments or charges; for failure to comply with the conditions of such Sewer Discharge Permit; for failure to comply with the provisions of the Sewer Use Regulations; and for lapse or termination of any applicable DEP Discharge Permit issued to the owner. Upon revocation of a Sewer Discharge Permit, the BPUC may take such steps as are necessary to discontinue and terminate sewer service to the premises.

4.0 EXPANSION PERMIT: EXPANSION OF SEWAGE COLLECTION SYSTEM BY OWNER OR DEVELOPER (INCLUDING RESIDENTIAL, COMMERCIAL AND INDUSTRIAL SUBDIVISIONS)

4.1. GENERAL.

Any person desiring to connect property to the sewerage system where the sewage collection system does not serve such property, or where the existing sewage collection system

requires upgrading, shall apply to the BPUC for an Expansion Permit pursuant to the procedures specified in these Regulations.

4.2 PRELIMINARY APPLICATION

Prior to the submission of an application for an Expansion Permit, any person desiring to expand the sewage collection system shall file, in quadruplicate, a Preliminary Letter Application with the BPUC. Such Preliminary Letter Application shall be submitted not less than twenty-one (21) days prior to a regular meeting of the BPUC. The Preliminary Letter Application shall describe the purpose and nature of the proposed expansion, shall include a sketch or drawing depicting the layout of the proposed expanded sewage collection facilities, and shall address (1) whether the proposed expansion will serve property for which a sewer capacity allocation has been made; (2) whether the proposed expansion is consistent with a preliminary or detailed design which has been previously approved by the BPUC; (3) the basis for the design requirements of any such proposed expansion; and (4) whether the proposed expansion is consistent with the Bethel Plan Conservation and Development.

No Expansion Permit shall be permitted unless the premise to be served is located within an established sewer service area and the proposed sewer use does not exceed the sewer capacity allocation made for such property.

Prior to acting on the merits of the proposed sewer expansion, the BPUC shall refer a copy of the Preliminary Letter Application and related materials to the to the Planning Commission for its consideration pursuant to Section 8-24 of the General Statutes, and may consider the nature of the Planning Commission's statutory report to the BPUC. If the BPUC approves the Preliminary Letter Application, the person proposing the sewerage system expansion shall be authorized to file an Application for Expansion Permit.

4.3 APPLICATION

4.3.1 APPLICATION FORM AND REQUIREMENTS. The Application for Expansion Permit shall be made by the owner of the property to be benefited thereby, and shall be in letter form unless otherwise prescribed by the BPUC. The Application must be accompanied by five (5) complete sets of maps or plans of the proposed work, together with five (5) complete sets of proposed construction specifications conforming, at a minimum, to the construction specifications contained in the Technical Standards of the Town of Bethel Public Utilities Commission. Except as may otherwise be authorized by the BPUC, said plans or maps shall be drawn to a scale of 1"=50' horizontal, 1"=4' vertical, shall be prepared in conformance with the requirements of a class A-2 survey; shall be certified by the Owner's design engineer and shall show:

- a. all proposed sewer lines, trunks, laterals and mains, including any affected portions of the existing sewage collection systems;
- b. all affected public or private roadways, rights of ways and/or private access ways;
- c. all adjoining properties, property boundaries, property dimensions, and record owners thereof;
- d. location of all utilities;
- e. location of all existing or planned lots and structures;
- f. location and dimensions of all proposed easements. Sewer easements shall be not less than twenty-five (25') in width;
- g. the General Notes as specified in Technical Standards and;
- h. The "Standard Details" as specified in Technical Standards

The Owner shall provide information concerning the design criteria for the proposed sewerage facilities, including estimated average daily and peak flows, the number and type of

dwellings and/or buildings contemplated for construction and the existing and proposed use of the property to be served by the proposed expansion or improvement of the sewage collection system. The Owner shall also provide information concerning the design criteria for any proposed pump station. The Owner shall provide the BPUC with written permission for the BPUC members, its employees and agents to enter upon the subject property at all reasonable times to inspect the site before, during and after construction. The BPUC may require additional information as it deems necessary.

The application shall be accompanied by an application fee established by the BPUC to meet the BPUC's estimated expense for administration and for engineering and legal review and analysis and for inspection during construction. The minimum of such fee shall be \$3,500.00.

4.3.2 PERMIT APPLICATION SUBMITTAL. In order for the BPUC to consider any application at a regularly scheduled meeting, the application must be submitted to the BPUC at least twenty-one (21) days prior that meeting.

4.3.3 WAIVER. The BPUC may, upon a showing of undue hardship by the Owner, waive any application requirement.

4.3.4 APPROVAL. The BPUC shall not consider an incomplete application. Before the BPUC approves an application, the BPUC shall find that the proposed work (1) is consistent with the BPUC's water pollution control plan; (2) does not exceed the sewer capacity allocation for the property to be served; (3) conforms to the design, specification, easement and contract requirements of the BPUC; (4) has been approved pursuant to Section 8-24 of the General Statutes; (5) is to be performed by a contractor approved by the BPUC; (6) is subject to inspection during construction by the BPUC; and (7) if work is to be performed within public rights of way or upon public property, the work shall be secured by performance and payment

bonds in the form and with surety approved by the BPUC's Attorney in amounts equal to one hundred percent (100%) of the contract price for such work. The Owner shall provide the BPUC with all necessary executed easements in a form satisfactory to the BPUC Attorney before commencing such work and with complete "As-Built" plans and elevations within 30 days following the completion of such work. Prior to any construction work taking place, the Owner and his contractor shall provide the BPUC an insurance certificate in such amounts deemed appropriate by the BPUC attorney. Said insurance certificate shall show the BPUC and Town of Bethel as additional insured's. The BPUC shall closely monitor the construction. As a condition of approval, the Applicant shall be required, within thirty (30) days of billing, to reimburse the BPUC for all estimated or actual expense incurred or to be incurred by the BPUC in the administration of the project and for engineering and legal review, document preparation, analysis and inspections. The application fee required by Section 4.3.1 may be applied by the BPUC against such expense.

4.3.5 BOND. Prior to final acceptance of such sewage collection system, the applicant shall file with the BPUC a cash bond, surety bond with surety and in a form acceptable to the BPUC or letter of credit drawn by a Connecticut banking institution acceptable to the BPUC in the amount of ten percent (10%) of the value of the work accepted. The term of such security shall be one (1) year from the date of final acceptance for sewer lines and manholes and three (3) years from the date of final acceptance for other structures and for all electrical, mechanical and pumping equipment. Such security shall be held to assure proper maintenance of such sewage collection system. During such maintenance period, the applicant shall, when notified by the BPUC or its agent, promptly, and at such applicant's expense, repair all defects and failures in the construction or operation of such sewage collection system occurring during such

maintenance period. Should the applicant fail to cure and repair such defect or failure, the BPUC, upon written notice to said applicant and to the surety, if any, may cause the required repairs or replacements to be made and recover the cost of same from said maintenance security.

4.3.6 SEWER CONNECTION AND DISCHARGE PERMITS AND

CONNECTION FEE. No Sewer Discharge Permit shall be issued for any building to be served by such expansion or improvement of the sewerage collection facility until the BPUC has accepted such sewerage collection facility into the municipal sewerage system. In addition, notwithstanding the expansion or improvement of the sewage collection system pursuant to Section 4.3 hereof, all applicable fees for each building to be served by the municipal sewer system shall be paid by the owner at the time that application is made for a Sewer Connection Permit for such building. Such fees shall be in an amount and shall be payable on the same terms and conditions as prevailing for new sewer users as prescribed under these Regulations.

5.0 COMMUNITY SEWERAGE SYSTEM SERVING RESIDENTIAL DEVELOPMENT

5.1 APPROVAL OF PLAN. Any person required or desiring to enlarge, modify, or repair an existing "community sewerage system" serving two or more residences in separate structures as defined in Section 7-245 of the General Statutes, shall, before such construction, enlargement, modification or installation, apply to the BPUC for approval of the design and layout of such community sewerage system and for permission to construct said system. No community sewerage system involving a package treatment plant, or a subsurface septic system or leaching system shall be approved by the BPUC; provided, however, that existing community sewerage systems that cannot be connected to the municipal sewer system may be repaired or improved through the use of such systems.

5.2 APPLICATION FORM AND REQUIREMENTS. The application shall be in letter form unless otherwise prescribed by the BPUC. If applicable, the application shall be accompanied by a copy of the permit to discharge issued by the Department of Environmental Protection pursuant to Section 22a-430 of the General Statutes. The application shall also include a complete set and five (5) copies of maps or plans depicting the proposed work prepared and sealed by a professional engineer licensed by the State of Connecticut showing:

- a. all proposed sewer lines, trunks, laterals, connections and mains and pump station and other sewage facilities including any affected portions of the existing municipal sewage collection system;
- b. all affected public or private roadways, rights of ways and private access ways;
- c. location of all existing or planned utilities;
- d. location of all existing or planned structures;
- e. location and dimensions of all proposed easements. Sewer easements shall be not less than twenty-five feet (25') in width;
- f. detailed design for any proposed pump station;
- g. the "General Notes" as specified in Technical Standards of the Town of Bethel Public Utilities Commission
- h. the "Standard Details" as specified in Technical Standards of the Town of Bethel Public Utilities Commission

The Applicant shall provide information on the number and type of residential dwellings and/or residential buildings contemplated to be served by the existing community sewage system. The Applicant shall provide information concerning the design criteria for any proposed pump station. The Applicant shall provide the BPUC with permission for the BPUC members, employees and agents to enter upon the subject property at all reasonable to times to inspect the

site before, during and after construction. The BPUC may require such additional information as it deems necessary.

The application shall be accompanied by an application fee established by the BPUC to meet the BPUC's estimated expense for administration and for engineering and legal review and analysis. The minimum of such fee shall be \$3,500.00.

5.3 PERMIT APPLICATION SUBMITTAL. In order for the BPUC to consider any application at a regularly scheduled meeting, the application and all required material must be submitted to the BPUC at least twenty-one (21) days prior to that meeting.

5.4 WAIVER. The BPUC may, upon a showing of undue hardship by the applicant, waive any application requirement.

5.5 PLANNING COMMISSION APPROVAL. Prior to approval of an application for a Community Sewerage System involving construction of a pump station, the BPUC shall forward the application to the Planning Commission for its consideration as to whether the pump station and downstream facilities should be accepted as a municipal sewer improvement as provided for in Section 8-24 of the General Statutes.

5.6 APPROVAL OF COMMUNITY SEWERAGE SYSTEM. The BPUC shall not approve any new community sewage system.

6.0 SEWER DISCHARGE CRITERIA

A. No person shall discharge or cause to be discharged to any sanitary sewer any waste, substance or waters other than such kinds of types of waters or water carried wastes for the conveyance of which the particular public sewer is intended, designed or provided.

B. No person shall discharge or cause to be discharged to any sanitary sewer any unpolluted waters such as storm water, groundwater, roof runoff, subsurface drainage, cooling

water, air conditioning and refrigerating waste waters or unpolluted industrial process waters. No person shall connect any roof down spout, foundation drain, parking area drain, area way drain or any other source of surface water runoff or groundwater to a building sewer or to a building drain which, in turn, is connected directly or indirectly to the municipal sewer system.

C. No person shall discharge or cause to be discharged to the municipal sewer system any sewage, wastewater or pollutant which will interfere with the operation or performance of any pump station or with the operation or performance of the Danbury sewage treatment plant.

D. No person shall discharge or cause to be discharged to the town sewer system any "septage" as defined in Section 11.0(nn).

E. No person shall discharge or cause to be discharged to the town sewer system any of the following described waters or waste:

(1) Any gasoline, benzene, naphtha, fuel oil or other inflammable or explosive liquid, solid or gas. The lower explosive limit reading on an explosion hazard meter, at the point of discharge into the sewer system or at any point in the system shall not exceed five percent (5%) for any two successive readings nor ten percent (10%) for any single reading;

(2) Any solid or viscous substance which is capable of causing an obstruction to the flow in the sewers or other interference with the proper operation of the sewerage system, including, but not limited to grease, garbage with particles greater than one-half inch (1/2") in any dimension, animal guts or tissues, paunch, manure, bones, hair, hides or fleshings, entrails, whole blood, feathers, ashes, cinders, sand, spent lime, stone or marble dust, metal, glass, straw, shavings, grass clippings, rags, spent grains, spent hops, waste paper, wood, plastics, gas, tar, asphalt residues, residues from refining or processing of fuel or lubricating oil, mud or glass grinding or polishing wastes;

(3) Any waters or wastes having a pH lower than five (5.0) or higher than nine and five tenths (9.5) or having any other corrosive property capable of causing damage or hazard to structures, equipment and personnel of the sewerage works;

(4) Any waters or wastes containing a toxic or poisonous substance in sufficient quantity to injure or interfere with any sewage treatment process, or to constitute a hazard to humans, animals or marine life or to create a hazard in the receiving waters of the Danbury sewage treatment plant;

(5) Any waters or wastes containing suspended solids of such character and quantity that unusual attention or expense is required to handle such materials at any pump station or at the Danbury sewage treatment plant, or which cause the effluent limitations of the NPDES permit to be exceeded;

(6) Any noxious, malodorous or taste producing gas or substance, such as phenols, capable of creating a public or private nuisance, which may prevent entry into the public sewer for purposes of maintenance and repair or which may prove toxic to sewage treatment processes or which may exceed acceptable limits for discharge to receiving waters;

(7) Any sewage which exceeds the limitations set forth in an applicable "Categorical Pretreatment Standard."

F. Except as approved by the BPUC, no person shall discharge or cause to be discharged to the municipal sewer system any of the following described waters or wastes:

(1) Any liquid or vapor having a temperature higher than one hundred fifty degrees (150) Fahrenheit;

(2) Any waters or wastes which may contain more than one hundred (100) milligrams per liter of fat, wax, petroleum, oil or grease; or which may contain more than twenty (20) milligrams per liter of floatable oil; or which may contain substances which may solidify or become viscous at temperatures between thirty-two (32) and one hundred fifty degrees (150) Fahrenheit;

(3) Any garbage that has not been properly shredded to particle size of not greater than one-half inch (1/2") in any dimension;

(4) Any sewage or waste containing odor producing substances which exceed limits established by the Department of Environmental Protection;

(5) Any radioactive wastes or isotopes, or concentrations thereof, which exceed limits established by the Department of Environmental Protection;

(6) Any discharge of nitrates or phosphates which will interfere with the operation or performance of the Danbury sewage treatment plant;

(7) Any wastes or material which exerts or causes;

a) Excessive discoloration (such as, but not limited to, dye wastes and vegetable tanning solutions);

- b) Unusual concentrations of inert suspended solids (such as, but not limited to sodium chloride and sodium sulfate);
- c) Unusual biochemical oxygen demand (BOD), chemical oxygen demand or chlorine demand and thereby constituting a significant load on the sewage treatment plant;
- d) Unusual volume of flow or concentrations of wastes constituting a "slug" as defined in Section 11.0(uu);
- e) Overflow from holding tanks or other receptacles storing organic wastes;
- f) Sewage with a concentration of pollutants in excess of the following limits and or anymore stringents of the City of Danbury (note: All metals are to be measured as total metals):

<u>Pollutant</u>	<u>Concentration: mg/l</u>
Arsenic	1.0
Barium	5.0
Beryllium	2.0
Boron	5.0
Cadmium	0.1
Chromium (total)	1.0
Chromium (Cr +6)	0.1
Cobalt	2.0
Copper	1.0
Cyanides	0.1
Fluoride	5.0
Lead	0.1
Magnesium	100.0
Manganese	5.0
Mercury	0.01
Nickel	1.0
Thallium	1.0
Tin	2.0
Silver	0.1
Zinc	1.0

G. The admission into the public sewer system of any of the following types or categories of sewage, waters or waste shall be subject to the review and prior approval of the BPUC:

- a) waste having a five day biochemical oxygen demand greater than three hundred (300) milligrams per liter; or
- b) waste containing more than three hundred-fifty (350) milligrams per liter of suspended solids; or
- c) waste containing any quantity of substances having the characteristics described herein (Section 6.0 - Sewage Discharge Criteria); or
- d) waste having an average daily flow greater than one thousand (1000) gallons; or
- e) waste from any flow-equalizing or "off peak discharge" facility

6.1 SPECIAL DISCHARGE CRITERIA

All measurements, tests and analyses of the characteristics of waters and wastes to which reference is made in these regulations, shall be made and determined in accordance with the latest edition of "Standard Methods for the Examination of Water and Wastewater", published by the American Public Health Association. Sampling methods, locations, times, duration and frequencies may be determined by the BPUC for individual users of the sewage system. All costs incurred by the BPUC in connection with such measurement tests and analyses shall be reimbursed to the BPUC by the property owner; and if not sooner paid, may be added to and collected in the same manner as such property owner's sewer use charges.

No person shall dilute, by process water or otherwise, a discharge to the sewage system as a partial or complete substitute for adequate pretreatment to achieve compliance with specific pollutant limitations which may be established or imposed by the BPUC.

7.0 USE AND OTHER CHARGES AND ASSESSMENTS

7.1. USE CHARGES. The BPUC shall determine, fix and establish Use Charges following public hearing as required by Section 7-255 of the General Statutes according to criteria including, but not limited to: (1) anticipated or actual costs of operation, depreciation, rehabilitation and maintenance of the sewer system, (2) discharge types and volumes based on water consumption, (3) local, state, or federal water use/consumption standards when actual

water consumption is not otherwise available, and (4) the costs of bonds and other indebtedness incurred to finance the construction or improvement of the sewerage system or any part thereof. In determining the user charges, the BPUC may classify groups of users, and make reasonable estimations. The BPUC may prescribe a minimum annual use charge for any class of user.

Use Charges shall generate sufficient revenue to offset the cost of all treatment, operation, rehabilitation and maintenance provided by the BPUC, and may include the cost of funded depreciation. Operating budget deficits, if any, will be recouped in subsequent fiscal years.

Use Charges shall be assessed as of the first day of **February, May, August and November** of each year upon the record owner of property served by the sewer system and such owner shall be liable for the payment of such sewer use charges.

7.1.1 CHARGE CONSTITUTES A LIEN. Use Charges, together with interest thereon at the rate of 1 ½% per month as provided by statute, and all costs and fees incurred in the collection thereof, shall constitute a lien upon the property served by the sewer system and such lien may be foreclosed and such charges collected in the manner provided by the Connecticut General Statutes.

7.2 APPLICATION FEES

7.2.1. APPLICABILITY. Application Fees shall be paid to the BPUC at the time that the Sewer Connection Permit application is filed with the Commission pursuant to Section 1 of these Regulations. No person shall uncover, make any connection with or opening into, alter, repair, disturb, use or discharge to any public sewer or appurtenance thereof without first obtaining a written Sewer Connection Permit from the BPUC and without first paying to the BPUC the applicable Sewer Application Fees and any applicable Sewer Connection Charge.

7.2.2 APPLICATION FEES CALCULATED. The BPUC may determine, fix and charge Sewer Application Fees based upon criteria including, but not limited to: (1) anticipated or actual costs of processing Sewer Connection Permit and Sewer Discharge Permit applications; (2) inspections; (3) other costs incurred by the BPUC incidental to processing applications for Sewer Connection and Discharge Permits; and (4) the cost to be incurred by the BPUC to make changes in the existing sewerage system for manhole stubs, wyes, risers, manholes or other items necessary to effect such connection.

The BPUC will determine Application Fees from time to time. The minimum Application Fee is available at the office of the Town Clerk, Selectmen Office and Public Works Office.

7.3. INSPECTION FEE: The BPUC shall determine an inspection fee as necessary to recover the Commission's cost of inspections associated with building sewer installations, sewer extensions and community sewerage system installations from time to time. The inspection fee will be included in the application established by the BPUC in accordance with SEC 7.2.2

ASSESSMENT OF BENEFITS

7.4.1 GENERAL. At any time after the expansion, improvement or construction of the sewerage system or any portion thereof, the BPUC may levy benefit assessments upon the lands and buildings which in its judgment are especially benefited thereby, whether they abut on such sewerage system or not, and upon the owners of such land and buildings. No property shall be assessed in excess of the benefit accrued or accruing to it.

7.4.2 DETERMINATION OF COST OF SEWERAGE SYSTEM; AUTHORITY TO DIVIDE BENEFITED TERRITORY INTO DISTRICTS.

The BPUC shall ascertain the cost of the expansion, improvement or construction of the sewerage system and in so doing shall take into account all costs, including but not limited to,

the cost of preliminary studies and surveys, plans and specifications, land and easement acquisition, engineering and legal fees, construction costs, expenses incurred in connection with temporary or permanent financing, and any and all costs or expenses incurred. In assessing benefits the BPUC may divide the total territory to be benefited into districts or segments pursuant to Section 7-249 of the Connecticut General Statutes. The BPUC may add to the cost of the part of the sewerage system located in any district the proportionate share of the cost of any part of the sewerage system located outside such district but deemed by the BPUC to be necessary or desirable for operation of the part of the system within such district.

7.4.3 CLASSIFICATION OF PROPERTY

For purposes of establishing benefit assessments, the following classification of properties shall apply:

(1) Residential property shall include property designed or used for year round or seasonal occupancy as follows:

- (a) Single family dwelling - a dwelling for one single family.
- (b) Single family dwelling with accessory apartment - a dwelling for a single family with an additional unit for related family members, provided that said unit is currently permitted by the Bethel Zoning Commission.
- (c) Multifamily dwelling - a dwelling for two or more family units.
- (d) Single family condominium dwelling - an individually owned single family dwelling within a multi-unit condominium structure.

(2) Commercial/industrial property includes properties designed or used for commercial and industrial purposes, excludes residential use classified under subsection (1) above and excludes restaurant properties classified under subsection (3) below and shall include, but is not limited to:

- (a) motel, hotel, boarding house and bed and breakfast inn - buildings normally operated for commercial purposes providing rooms, toilet facilities and may include dining and other facilities.

(b) Commercial:

(i) retail - includes properties used for all common retail operations including, but not limited to, grocery and convenience stores, delicatessens, gas stations, automotive repair garages, nurseries, beauty salons, pharmacies, florists and kennels.

(ii) professional office - includes, but is not limited to, banks, medical offices and law offices.

(c) industrial - includes, but is not limited to, structures used in all manner of manufacturing operations and machine shops.

(d) warehouse - all structures used solely for the storage of merchandise, commodities or household goods.

(3) Restaurant property shall include properties designed or used as:

(a) restaurants

(b) luncheonettes

(c) bars

(4) School property shall include:

(a) all educational facilities operated, designed for or used by public or private entities.

(5) other property shall include, but is not limited to-

(a) churches

(b) hospitals

(c) nursing homes and convalescent homes

(d) government buildings

(e) mixed use property including, but not limited to; residential/commercial, residential/restaurant, commercial/restaurant

(f) any other property benefiting from the availability of public sewers

7.4.4 FORMULA FOR CALCULATION OF SEWER BENEFIT ASSESSMENTS

(a) The assessment of benefits shall be made in accordance with the following formula:

Benefit Assessment = (unit charge x classification factor) plus (an "assessment charge" equal to a defined percentage of the property's assessed value on the most recently completed Bethel Grand List)

(b) Benefit Assessment Components include the following:

(1) Unit Charge - Each property shall be charged at least one Unit Charge, or a portion thereof as determined by the application of the Classification Factor described hereafter.

The Unit Charge shall be determined by the BPUC when it determines to levy benefit assessments with respect to a project and is intended to be utilized to recover approximately fifty percent (50%) of that project's cost.

(2) Assessment Charge - In addition to the Unit Charge, the benefit assessment shall include an Assessment Charge equal to a percentage of the subject property's assessed value (land and buildings) on the last completed grand list. The Assessment Charge shall be determined by the BPUC when it determines to levy benefit assessments with respect to a project and is intended to be utilized to recover the project cost remaining after the application of the Unit Charges.

In the case of new construction not reflected on the last completed grand list, a supplemental benefit assessment shall be levied to include the assessed value of the improvement(s) as determined by the Tax Assessor as of the date of the issuance of the Certificate of Occupancy without proration.

(3) Classification Factor - Each property (existing or subsequently added unit) shall have a classification factor applied to the Unit Charge according to the property classification(s) defined herein. The Unit Charge shall be modified by the appropriate classification factor in accordance with the following schedule:

PROPERTY CLASSIFICATION	CLASSIFICATION FACTOR
vacant land	1
single family dwelling	1
single family dwelling with accessory apartment	1.25
single family condominium dwelling	0.75
multi-family dwelling	(1.0) + (0.5 for each dwelling contained in the structure)
hotel/motel/boarding house/ Bed & Breakfast Inn	(1.0) + (0.25 for each sleeping unit contained in the structure)
Commercial	(1.0) + (0.50 for each increment of 3000 square feet of building space, or fraction thereof)
Commercial Condominium	(1.0 ÷ total number of condominium units within building) + (0.50 for each increment of 3,000 square feet of condominium unit space or fraction thereof)
Industrial	(1.0) + (0.50 for each increment of 5000 square feet of building space, or fraction thereof)
Warehouse	(1.0) + (0.50 for each increment of 20,000 square feet of building space, or fraction thereof)
Restaurants/Luncheonettes/Bars	(1.0) + (0.50 for each 30 persons, or fraction thereof, permitted to be seated at any one time, as determined by the commission based upon available information as provided by the Fire Marshal's office)
Schools	See detailed procedure explained in Section 5.3.5 (c) below
Churches Structure	(1.0) for each intended for human occupancy
Government Buildings	Same as Commercial Classification
Mixed use Properties	Sum of factors obtained by the application of appropriate formulas for each particular classification
Hospitals and Nursing Homes	(1.0) + (0.10 per each licensed bed)

(c) Determination of Classification factor for schools -

(1) Schools with cafeteria facilities and athletic programs which include locker room and shower facilities shall be assessed 1 Unit Charge for each 225 gallons per day (GPD) of wastewater discharged by the facility based on the application of the following formula. For the purposes of the initial assessment, the number of staff and pupils using the facility as of October 1, prior to the assessment date shall be used.

number of (pupils + staff) x 8 GPD = total flow from the facility
total flow/225 GPD = number of assessable units
number of assessable units x Basic Unit Charge = total unit charge

(2) Schools with cafeteria facilities and athletic programs which do not include locker room and shower facilities shall be assessed 1 Unit Charge for each 225 gallons per day (GPD) of wastewater discharged by the facility based on the application of the following formula. For the purposes of the initial assessment, the number of staff and pupils using the facility as of October 1, prior to the assessment date shall be used.

number of (pupils + staff) x 7 GPD = total flow from the facility
total flow/225 GPD = number of assessable units
number of assessable units x Basic Unit Charge = total unit charge

(3) Schools which do not include cafeteria facilities or locker room and shower facilities shall be assessed 1 Unit Charge for each 225 gallons per day (GPD) of wastewater discharged by the facility based on the application of the following formula. For the purposes of the initial assessment, the number of staff and pupils using the facility as of October 1, prior to the assessment date, shall be used.

number of (pupils + staff) x 6 GPD = total flow from the facility
total flow/225 GPD = number of assessable units
number of assessable units x Basic Unit Charge = total unit charge

7.4.5 SUPPLEMENTAL BENEFIT ASSESSMENTS

Whenever property that has not been assessed is connected to the portion of the sewer system for which a benefit assessment program is in effect, or whenever assessed property consisting of vacant land is divided so as to increase its number of buildable parcels or improved so as to increase the number or character of its existing residential, commercial or other uses then in such event, the property shall be subject to the levy of a supplemental benefit assessment.

Such supplemental benefit assessment shall be due and payable as follows: The assessment may be paid in full at the time assessed, or if an existing installment method for the payment of the original benefit assessments remains in effect, the assessment may be paid in equal principal installments, together with interest at the established rate, over the remaining term of the installment payment plan.

7.4.6 ENACTMENT PROCEDURE. The BPUC shall fix by resolution the due date of any benefit assessments made hereunder as well as the manner in which same shall be paid, whether in full or by installment, pursuant to Sections 7-252 and 7-253 of the Connecticut General Statutes.

No assessment shall be made until after a public hearing before the BPUC at which time the owner of the property to be assessed shall have an opportunity to be heard concerning the proposed assessment. Notice of the time, place and purpose of such hearing shall be published at least ten (10) days before the date thereof in a newspaper having a general circulation in the municipality, and a copy of such notice shall be mailed to the owner of any property to be affected thereby at such owner's address as shown on the last-completed grand list of the Town or at any later address of which the BPUC may have knowledge. A copy of the proposed assessment shall be on file in the office of the Town Clerk and available for inspection by the public for at least ten (10) days before the date of such hearing. When the BPUC has determined the amount of the assessment to be levied, it shall file a copy thereof in the office of the Town Clerk and, not later than five (5) days after such filing, shall cause the same to be published in a newspaper having a general circulation in the Town and shall mail a copy of such assessment to the owner of property affected thereby at such owner's address as shown on the last completed grand list of the Town or at any later address of which the BPUC may have

knowledge. Such publication and mailing shall state the date on which such assessment was filed and that any appeals from such assessment must be taken within twenty-one (21) days after such filing. Any person aggrieved by any assessment may appeal to the Superior Court for the Judicial District of Danbury in accordance with the provisions of Section 7-250 of the Connecticut General Statutes. The BPUC shall also cause notice of the such levy of such benefit assessments to be recorded on the land records for the Town of Bethel.

7.4.7 PAYMENT OF BENEFIT ASSESSMENTS - ACCELERATION. Benefit Assessments shall be due and payable at such time as fixed by the BPUC. The BPUC may provide for the payment of benefit assessments in not more than thirty (30) substantially equal annual installments, together with interest, all as provided for in Section 7-253 of the General Statutes; provided, however, that if any installment remains unpaid for thirty (30) days after the same shall become due and payable, then at the option of the BPUC , the entire unpaid balance of such benefit assessment, together with all unpaid interest, shall become immediately due and payable.

7.4.8 PAYMENT METHOD OPTION FOR ELDERLY PROPERTY OWNERS. The BPUC may permit any property owner eligible for tax relief under the provisions of Sections 12-129b or 12-170a of the Connecticut General Statutes, or under a plan of tax relief adopted by the Town in accord with Section 12-129n, to apply to the BPUC for approval of an optional method of payment of such owner's sewer benefit assessments, provided, however, that the Town has first adopted an Ordinance permitting such optional method of payment as provided for in Section 7-253a of the Connecticut General Statutes. Any such optional payment method shall be subject to the provisions of Section 7-253a of the Connecticut General Statutes and to annual review by the BPUC.

7.4.9 DEFERRED ASSESSMENTS DUE TO ANTICIPATED DEVELOPMENT.

(a) Pursuant to provisions of Section 7-249 of the Connecticut General Statutes, the assessment of benefits due to the anticipated development of land which is zoned for other than business, commercial or industrial purposes or which is classified as farm land, forest land or open space land pursuant to the provisions of Section 12-107a through 12-107e, inclusive, of the Connecticut General Statutes, or due to the anticipated construction or expansion of buildings or structures, shall be deferred until such anticipated development, construction or expansion is approved or occurs. In the case of property so zoned or classified which exceeds the size of the smallest lot permitted in the lowest density residential zone of the Town by more than one hundred percent (100%), assessment of such excess land shall be deferred until such excess land shall be built upon, or a building permit issued therefore or until the Planning Commission has approved a subdivision plan for such excess property, whichever event shall first occur.

(b) No lien for payment shall be filed on property for which a deferral of assessment is required hereunder, but the BPUC shall cause its Collector on its behalf to place a caveat on the land records as to all land for which an assessment of benefits has been deferred hereunder.

7.4.10 DELINQUENT ASSESSMENTS. Delinquent assessments shall be secured in the method hereinafter provided:

a. Any assessment of benefits or any installment thereof, not paid within thirty (30) days after the due date, shall be delinquent and shall be subject to interest from such due date at the interest rate and in the manner provided by the General Statutes for delinquent property taxes. Each addition of interest shall be collectible as a part of such assessment.

b. Whenever any installment of an assessment becomes delinquent, the interest on such delinquent installment shall be as provided in paragraph (a) or five dollars (\$5.00), whichever is

greater. Any unpaid assessment and any interest due thereon shall constitute a lien upon the real estate against which the assessment was levied from the date of such levy. Each such lien may be continued, recorded and released in the manner provided by the General Statutes for continuing, recording and releasing property tax liens. Each such lien shall take precedence over all other liens and encumbrances except taxes and may be foreclosed in the same manner as property tax liens. The BPUC's Collector may collect such assessments in accordance with any mandatory provision of the General Statutes for the collection of property taxes, and the BPUC may recover any such assessment in a civil action against any person liable therefore.

7.5 SPECIAL ACCOUNT(S). Sewer charges, fees, assessments and revenues collected by or for the BPUC shall be deposited into one or more special accounts, separate from all other Town funds, and shall be used solely for the operation, renovation and expansion of the sewerage system and for the payment of principal and interest on any indebtedness incurred for such purposes.

8.0 ORDERS TO CONNECT

In accordance with the provisions of Section 7-257 of the General Statutes, the BPUC may order the owner of any building to which a sewerage system is available to connect such building with the sewer system. No such order shall be issued until after a public hearing with respect thereto after due notice in writing to such property owner.

Whenever an order to connect is issued against a property owner, such owner shall fully comply with the requirements of these regulations in making the connection to and in the use of the sewer system.

9.0 FISCAL YEAR

The fiscal year for the BPUC shall be July 1 to June 30.

10.0 POWERS AND AUTHORITY OF INSPECTORS

Authorized employees and agents of the BPUC bearing proper credentials and identification shall be permitted to enter all properties for the purpose of inspection, observation, measurement, sampling and testing as necessary to determine compliance with the requirements of these Regulations. While performing such work on private property such employees and agents shall observe all safety rules applicable to the premises established by the property owner or property occupant.

11.0 DEFINITIONS

The following definitions shall apply in the interpretation of these Regulations except where inconsistent with the context in which the term or terms are used:

- a) Biochemical Oxygen Demand ("BOD") means the amount of oxygen required by bacteria while stabilizing decomposable organic matter under aerobic conditions for five days. The determination of BOD shall be performed in accordance with the procedures prescribed in the latest edition of "Standard Methods for the Examination of Water and Wastewater" published by the American Health Association.
- b) BPUC means the Bethel Public Utilities Commission
- c) Building Drain means that part of the lowest horizontal piping of a building plumbing which receives the discharge from soil, waste, and other drainage pipes inside the walls of the building and conveys it to the building sewer, beginning five (5) feet (1.5 meters) outside the inner face of the building wall.
- d) Building means any structure including each individual residential unit in a multi-family or cluster housing complex.
- e) Building Sewer means the extension from the building drain to the public sewer or other place of disposal.
- f) Categorical Standards mean the National Categorical Pretreatment Standards or Pretreatment Standards.
- g) Compatible Pollutant means BOD, suspended solids, pH and fecal coliform bacteria, and any additional pollutants identified in the water pollution control facility's NPDES permit where the water pollution control facility is designed to treat such pollutants and in fact does treat such pollutants to the degree required by the NPDES permit.

- h) Composite Sample means a mixture of aliquot samples obtained at regular intervals over a time period. The volume of each aliquot is proportional to the discharge flow rate for the sampling intervals. The minimum time period for composite sampling shall be four (4) hours.
- i) Cooling Water means process water in general used for cooling purposes to which the only pollutant added is heat and which has such characteristics that it may be discharged to a natural outlet in accordance with Federal, State and local laws, regulations and ordinances.
- j) Commercial and industrial units shall mean any structures or portion of structures not defined as a residential dwelling unit, or a public or quasi-public unit.
- 1) Commercial designation shall apply when the majority of the effluent discharged to the system is sanitary waste.
 - 2) Industrial designation shall apply when the majority of the effluent discharged to the system is industrial waste.
 - 3) Major industrial use shall mean when the industrial discharge averages a flow which exceeds the equivalent of 5,000 gallons per day.
- k) Complexes shall mean structures or portions of structures containing two or more separate commercial, industrial and/or residential units with a common water source.
- A separate unit in a complex shall mean any fully partitioned area in which a distinct and specific enterprise is conducted, and from which effluence is discharged.
- l) Domestic Sewage means sewage that consists of water and human excretions or other water-borne wastes incidental to the occupancy of a residential building but not wastewater from water-softening equipment, commercial laundry, wastewater, and blowdown from heating and cooling equipment.
- m) FOG - Fats, Oil and Grease means animal and plant derived substances that may solidify or become viscous between the temperatures of 32°F and 150°F (0°C to 65°C), and that separate from wastewater by gravity, including any edible substance identified as grease pursuant to the most current EPA method as listed in 40CFR 136.3.
- n) FOG Interceptor means a passive tank installed outside a building and designed to remove fats, oils, and grease from flowing wastewater while allowing wastewater to flow through it.

- o) FOG Management Equipment means a FOG Recovery Unit or an Alternate FOG Pretreatment System designed to actively remove fats, oil and grease from wastewater.
- p) FOG Recovery Unit means an active indoor mechanical system designed to remove fats, oil, and grease by physical separation from flowing wastewater.
- q) Floatable Oil is oil, fat or grease in a physical state such that it will separate by gravity from sewage by treatment in an approved pretreatment facility.
- r) Food Preparation Establishment means a Class III and Class IV food service establishments or any other facility determined by the BPUC to discharge FOG above the set limits in Section 5(b)(2) of the Department of Environmental Protection's *General Permit for the Discharge of Wastewater Associated with Food Preparation Establishments*. Such facilities shall include but not be limited to restaurants, hotel kitchens, hospital kitchens, school kitchens, bars, factory cafeterias, and clubs. Class III and Class IV food service establishments shall be as defined under Section 19-13-B42 of the State of Connecticut Public Health Code.
- s) Garbage means the animal or vegetable waste resulting from the handling, preparation, cooking or serving of foods.
- t) Grab Sample means a sample which is taken from a waste stream on a onetime basis with no regard to the flow in the waste stream and without consideration of time.
- u) Holding Tank Waste is any waste from holding tanks such as vessels, chemical toilets, campers, trailers, septic tanks and septage hauling trucks.
- v) Incompatible Pollutant all pollutants other than compatible pollutants as defined in Section 11.0(g).
- w) Industrial Wastewater means all wastewater from industrial process, trade, or business and is distinct from domestic sewage.
- x) "May" is permissive (see "Shall").
- y) National Pollution Discharge Elimination System (NPDES) Permit - A permit issued pursuant to Section 402 of the Federal Water Pollution Control Act, also known as the Clean Water Act (33 USC 1342).
- z) Non-Renderable Fats, Oils, And Grease means food grade grease that has become contaminated with sewage, detergents, or other constituents that make it unacceptable for rendering.

aa) Notification Of Approved Alternate Fog Pretreatment System means written notification from the BPUC for authorization to install and/or operate an alternate FOG Pretreatment System.

bb) Oil means oil which is of either mineral or vegetable origin, and disperses in water or sewage at temperatures between 0 degrees and 65 degrees C. For the purposes of these Regulations, emulsified oil shall be considered as soluble oil.

cc) Person means any individual, partnership, joint venture, firm, company, corporation, association, joint stock company, trust, estate, governmental entity or any other legal entity, or their legal representatives, agents, or assigns. The masculine gender shall include the feminine, the singular shall include the plural where indicated by the context.

dd) pH means the logarithm of the reciprocal of the hydrogen ion concentrations. The concentration is the weight of hydrogen ions, in grams, per liter of solution.

ee) Pretreatment or Treatment means the reduction of the amount of pollutants, the elimination of pollutants, or the alteration of the nature of pollutant properties in wastewater to a less harmful state prior to or in lieu of discharging or otherwise introducing such pollutants into a water pollution control facility. The reduction or alteration can be obtained by physical, chemical or biological processes, except as prohibited by Title 40, Code of Federal Regulations, Section 403.6(d).

ff) Properly Shredded Garbage shall mean the wastes from the preparation, cooking and dispensing of food that have been shredded to such a degree that all particles will be carried freely under the flow conditions normally prevailing in public sewers, with no particle having any dimension greater than 1/2 inch (1.27 centimeters).

gg) Property owner means any person owning an interest in land, in fee or lesser estate or, a contract purchaser.

hh) Public Sewer shall mean a common sanitary sewer controlled by a governmental agency or public utility.

ii) Regional FOG Disposal Facility means a facility approved by the Connecticut Department of Environmental Protection for the collection and disposal of non-renderable FOG.

jj) Renderable Fats, Oils, And Grease means material that can be recovered and sent to renderers for recycling into various usable products. Renderable grease is created from spent products collected at the source, such as frying oils and grease from restaurants. This material is also called yellow grease.

- kk) Renderable Fats, Oils, And Grease Container means a closed, leakproof container for the collection and storage of food grade fats, oil, and grease.
- ll) Residential Dwelling Unit shall mean a structure or portion of a structure which provides the ordinary comforts of living on a permanent or semi-permanent basis and shall specifically include single and multi-family dwelling units, apartment units, condominium units and mobile homes, and shall specifically exclude hotels, motels, and other forms of transient guest quarters.
- mm) Sanitary Sewer means a sewer which collects and conveys domestic sewage from residences, public buildings, commercial establishments, industries and institutions. A sanitary sewer may also collect and convey permitted industrial wastewater and unintentionally admitted ground, storm and surface waters.
- nn) Septage means the liquid and solids which are removed from a tank used as part of a subsurface sewage disposal system.
- oo) Septage hauler means any person offering to the public the general services of cleaning or servicing subsurface sewage disposal systems.
- pp) Sewage means human and animal excretions and all domestic and such manufacturing wastes as may tend to be detrimental to the public health.
- qq) Sewage Collection System means the structures and equipment, including pump stations, required to collect and convey sewage to the Danbury Sewage Treatment.
- rr) Sewer System means all sewers, mains, lines, laterals, trunks, valves, pump stations and all processing equipment, including the treatment facility, for disposing of sewage.
- ss) Sewerage means all wastewater and septage from septic tanks and systems discharged directly or indirectly into the sewer system.
- tt) "Shall" is mandatory (See "May").
- uu) Slug means any sudden or excessive discharge which exceeds permitted levels either in terms of pollutant concentration, or instantaneous flow rate in such manner as to adversely affect the sewage collection system and/or the water pollution control facility.
- vv) Special Discharge Facilities means the installation of pretreatment, flow-equalizing or "off-peak discharge" facilities required by the BPUC to:

1. Reduce the biochemical oxygen demand to three hundred (300) parts per million, and the suspended solids to three hundred fifty (350) milligrams per liter; or
2. Reduce objectionable characteristics or constituents to within the maximum limits provided for, or
3. Control the quantities and rates of discharge of sewage to the public sewer system.

ww) Storm Sewer means a sewer which collects and conveys storm water or groundwater.

xx) Suspended Solids means the solid matter, measured in mg/liter, which may be in suspension, floatable, or settleable and removable by laboratory methods as prescribed in the latest edition of "Standard Methods for Examination of Water and Wastewater."

yy) Toxic Pollutant means any pollutant or combination of pollutants listed as toxic in regulations promulgated by the Administrator of the Environmental Protection Agency under the provisions of Section 307 (a) of the Federal Water Pollution Control Act or other Acts.

zz) Treatment Facility means the Danbury Sewage Treatment Plant and all parts, additions and modifications thereto.

aaa) Unit shall mean a residential dwelling unit, public and/or quasi-public unit, commercial unit and/or industrial unit from which effluent is discharged.

bbb) User is any person who contributes, causes or permits the contribution of sewage into the sewer system. The term includes each property owner whose property is connected to the sewer system.

ccc) Water Pollution Control Facility (WPCF) means an arrangement of devices for the treatment of sewage and sludge.

12.0 SAVINGS CLAUSE

The invalidity of any section, clause, sentence or provision of these Regulations shall not affect the validity of any other part of these Regulations.

TECHNICAL STANDARDS

A-1.0 BUILDING SEWERS: EXCAVATION AND INSPECTION REQUIREMENTS

All excavations required for the installation of a building sewer shall be open trench work, unless otherwise approved in advance by the BPUC. The water level in the trench shall be maintained at a level below the building sewer.

Street opening permits shall be obtained from the appropriate authorities prior to any excavation. No trench containing a building sewer shall be backfilled until the BPUC has completed an inspection of and approved the work.

All excavations for building sewer installations shall be adequately guarded with barricades and lights so as to protect the public from hazard. Streets, sidewalks, parkways and other public property may be disturbed in the course of the work only pursuant to a permit issued to the applicant by the Department of Public Works or the Department of Transportation, as applicable, and shall be restored in a manner satisfactory to such Department.

The applicant for the Sewer Connection Permit shall notify the BPUC when the building sewer is ready for inspection and connection to the public sewer. The connection shall be made under the supervision of and in the presence of the BPUC or its authorized agent. Special fittings may be used for the connection of the building sewer to the public sewer only when approved in advance by the BPUC or its authorized agent.

No discharge into the public sewer shall be made until such time as the building sewer and connection has been inspected and approved by the BPUC and until a Sewer Discharge Permit has been issued.

A-1.1 BUILDING SEWERS: SIZE, SLOPE & LOCATION REQUIREMENTS

The size of and slope of the building sewer shall be subject to the approval of the BPUC, but in no event shall the diameter be less than six (6) inches, except as provided in Section 2.1.1

of these Regulations. The slope of such six-inch (6") pipe shall not be less than one-quarter inch per foot except as otherwise authorized by the BPUC.

Separate and independent building sewer lines shall be required as more particularly described in Section 1.1.5.2 of these Regulations.

Whenever possible, the building sewer shall be brought to the building at an elevation below the basement floor. No building sewer shall be laid parallel to or within three (3) feet of any bearing wall, which might thereby be weakened. The depth shall be sufficient to afford protection from frost. The building sewer shall be laid at uniform grade and in straight alignment insofar as possible. Changes in direction shall be made only with properly curved pipes and fittings.

No building sewer shall be constructed within 25 feet of a water supply well. If a building sewer is constructed within 75 feet of a water supply well it shall be constructed of cast iron or ductile iron pipe in accordance with all applicable regulations promulgated by the Department of Public Health and the Department of Environmental Protection.

A-1.2 BUILDING SEWERS: PIPE REQUIREMENTS: (use same pipe as laterals)

Each building sewer shall be constructed of extra heavy cast iron soil pipe conforming to Federal Specifications WW-P-401 or extra heavy wall PVC pipe equal to Type 1, Grade 1, Schedule 80 of the specifications for rigid polyvinyl chloride compounds of ASTM Designation D17484; or other recognized similar suitable material approved by the BPUC. Joints shall be tight, flexible and waterproof. Pipe shall be uniformly bedded on a tamped granular material. The building sewer shall be installed in a separate trench not less than ten feet (10') horizontally from any underground water service pipe. PVC pipe shall be laid on a tamped sand bed and the trench shall be filled to a depth not less than twelve inches (12") above the pipe with tamped

sand, compacted sufficiently on all sides to prevent pipe distortion from vertical loads. Cast iron pipe with watertight joints may be required by the BPUC where the building sewer is exposed to damage by tree roots. If installed in filled or unstable ground or at a depth of less than three feet (3'), the building sewer shall be of cast iron soil pipe, except that non-metallic material may be accepted if laid on a suitable concrete bed or cradle or encased as approved by the BPUC.

Each building sewer shall be provided with risers and clean-outs acceptable to the BPUC at changes of grade or line, and at fifty foot (50') intervals where the building sewer is over one hundred feet (100') long.

A-1.3 BUILDING SEWER: SEWAGE PUMPING FACILITIES

In all buildings in which a building drain is too low to permit gravity flow to the public sewer, sanitary sewage carried by such drain shall be pumped by an approved grinder pump and discharged to the building sewer. Duplex lift systems shall be provided for multifamily, commercial and industrial buildings. The pumping facilities shall be constructed in accordance with the specifications set forth in Section A-1.3.1 of these Technical Standards, except that for large installations, the BPUC reserves the right to require chambers with a greater storage volume, duplex pumping, and higher capacity pumps.

Prior to purchasing or installation of any equipment, the Applicant shall arrange a site visit with BPUC personnel to review and discuss the installation and the type and location of all equipment.

A-1.3.1 BUILDING SEWER: SEWAGE PUMPING FACILITIES CONSTRUCTION REQUIREMENTS

Pump Chamber: Each pump chamber shall be a pre-cast concrete combination submersible pump chamber and wet well having a minimum 1000 gallon capacity, constructed of not less than 4000 psi concrete with steel reinforcement adequate to withstand lateral earth and traffic loading. One access port with suitable cover shall be provided at each end of the

chamber. The chamber shall be capable of supporting an H-20 traffic load, shall have a 1.25 safety factor against uplift (with the chamber empty and ground water level at the surface) and shall have an approved bottom slope.

Pumps: Grinder pumps shall be designed to match the head/flow conditions for the specific installation. For all installations, a design submission of adequately sized pump(s) shall be made by a professional engineer, together with design criteria for review and approval by the BPUC.

A-1.3.2 BUILDING SEWER: MAINTENANCE REQUIREMENTS FOR SEWAGE PUMPING FACILITIES

Maintenance: All pumping facilities shall be maintained in proper working condition by the property owner and as may specially be required by the BPUC. At a minimum, the property owner shall provide for the regular cleaning of wet wells to eliminate odors; the protection of float switches from debris; the inspection, and if necessary, the repair, of all electrical equipment by a licensed electrician at least once every two years; and the removal and inspection of the pump at least once a year for wear and seal leakage, and the repair thereof as necessary. The property owner shall promptly comply with any orders issued by the BPUC with respect to the maintenance or operation of the property owner's building sewer pumping facilities.

A-1.4 BUILDING SEWER: EXTERNAL FOG INTERCEPTOR REQUIREMENTS

All external FOG Interceptors (also known as grease traps) shall be of a type and capacity approved by the BPUC or its designated agent and shall be easily accessible for cleaning and inspection. FOG Interceptors shall be constructed of impervious, non-corrosive materials capable of withstanding abrupt and extreme changes in temperature, and capable of sustaining H-20 vehicle loading. FOG Interceptors shall be of substantial construction, watertight and equipped with manhole frames and easily removable twenty-four inch (24") covers which, when bolted in place, shall be water tight. The chamber shall have a 1.25 safety factor against uplift

(with the chamber empty and ground water level at the surface) and shall have an approved bottom slope. Each unit shall provide for access at each end of the chamber.

For all installations, a design submission including plans prepared by a professional shall be submitted for review and approval. The submission shall show site, location, piping, flow control, venting and other installation details.

The FOG Interceptor shall be installed on a separate building sewer servicing only flows from the kitchen or food preparation areas. Except as otherwise authorized by the BPUC, the inlet and outlet piping shall be PVC ASTM D 1785 Schedule 40 with rubber compression gaskets or solvent weld couplings. The joints must meet ASTM 3212 specifications. **A tee pipe fitting shall be utilized on the Interceptor's inlet and outlet pipes. The tee-pipe of the inlet and outlet shall extend to within twelve inches of the bottom and at least five inches above the liquid level of the tank.**

All building plumbing facilities shall be constructed, operated and maintained in a manner to ensure that the discharge of food preparation wastewater is directed solely to the FOG Interceptor. No valve or piping bypass equipment that could permit the discharge of food preparation wastewater to bypass the FOG Interceptor shall be permitted. If hot water or steam is used in food preparation, the FOG Interceptor shall be located at a sufficient distance from the discharge to allow the grease to coagulate in the Interceptor. No chemical and/or biological additives shall be used in the building's plumbing or sanitary sewer lines or in the FOG Interceptor to control or dissolve fats, oils and grease.

A-1.5 ALTERNATE FOG MANAGEMENT EQUIPMENT

When it is not practical for the property owner in whose building a Food Preparation Establishment exists to install an external FOG Interceptor, an alternate internal FOG Recovery

Unit or an alternate internal FOG Pretreatment System designed to actively remove fats, oils and grease by physical separation from flowing waste water may be utilized with the approval of the BPUC. The BPUC will approve these units and/or systems on a case-by-case basis based on demonstrated removal efficiencies and reliability of operation.

The application for approval of FOG Management Equipment shall include:

- (a) Documented evidence that the FOG Recovery Unit or the alternate FOG Pretreatment System for which approval is sought will not discharge FOG concentrations that exceed the discharge limits established by these Regulations **(See Section 6.0(F)(2))**;
- (b) Plans and specifications for the proposed system including plans and profile of system installation, manufacturer's literature, documentation of performance and any other information detailing the alternate system.
- (c) A written Operation and Maintenance Plan, which shall include the schedule for cleaning and maintenance, copies of maintenance log forms, a list of spare parts to be maintained at the subject facility, and a list of contacts for the manufacturer and supplier. Following approval by the BPUC, the Operation and Maintenance Plan shall be permanently maintained on the premises and shall be available on demand for inspection by the BPUC and its designated agent
- (d) A written FOG Minimization Plan, which shall include procedures for all Food Preparation Establishment employees to minimize FOG entering the wastewater collection system.
- (e) A Description of a FOG Pretreatment Training Program for Food Preparation Establishment employees in FOG minimization procedures.

When an internal FOG Recovery Unit is proposed, it shall be sized to properly pretreat the anticipated flows using methods approved by the BPUC. Such Units shall be constructed of corrosion-resistant material such as stainless steel or plastic and shall operate using a skimming device, automatic draw-off or other mechanical means to automatically remove separated FOG. Such devices shall be controlled using a timer, FOG sensor, or other means of automatic operation. FOG Recovery Units operated by timer shall be set to operate no less than once per day. Solids shall be intercepted and separated from the effluent flow using a strainer mechanism

that is integral to the unit. FOG Recovery Units shall include an internal or external flow control device. FOG Recovery Units shall be located to permit frequent access for maintenance, cleaning and inspection.

When FOG Management Equipment, consisting of an internal FOG Recovery Unit or an alternate FOG Pretreatment System is utilized, no chemical and/or biological additives shall be used in the building's plumbing or in components of the FOG Recovery Unit or FOG Pretreatment System to control or dissolve fats, oils and grease. All plumbing and plumbing fixtures shall be constructed, operated and maintained, in a manner to ensure that the discharge of food preparation wastewater is directed solely to the FOG Management Equipment. No valve or piping bypass equipment that could prevent the discharge of food preparation wastewater from entering the appropriate treatment equipment shall be present.

A-1.6 BUILDING SEWER: OIL AND SAND INTERCEPTORS

Special oil and sand interceptors shall be provided for non domestic waste when such interceptors are, in the opinion of the BPUC, necessary for the proper handling of liquid wastes containing oil, grease, any flammable waste, sand or any other harmful ingredient.

All oil and sand interceptors shall be of a type and capacity approved by the BPUC or its designated agent and shall be easily accessible for cleaning and inspection; shall be constructed of impervious, non-corrosive materials capable of withstanding abrupt and extreme changes in temperature, and capable of sustaining H-20 vehicle loading. Such interceptors shall be of substantial construction, watertight and equipped with manhole frames and easily removable twenty-four inch (24") covers which, when bolted in place, shall be water tight. Each interceptor shall provide for access at each end of the chamber.

A-1.7 DISCHARGE PERMIT: FOG INTERCEPTORS, FOG MANAGEMENT EQUIPMENT AND OIL AND SAND INTERCEPTORS

As a condition of each Sewer Discharge Permit involving the installation of a FOG Interceptor, FOG Management Equipment or an Oil and Sand Interceptor, the property owner agrees as follows:

Maintenance: FOG Interceptors, FOG Management Equipment and Oil and Sand Interceptors shall be maintained by the owner, at his expense, in continuously efficient operation at all times.

External FOG Interceptors: The owner shall cause each external FOG Interceptor serving his premises to be pumped and cleaned when 25% of the operating depth of the Interceptor is occupied by grease and settled solids, pursuant to a routine maintenance program and by a licensed septic tank hauler approved by the BPUC. The property owner shall ensure that the FOG Interceptor is inspected when pumped to ensure that all fittings and fixtures inside the interceptor are in good condition and functioning properly. During every inspection, the depth of grease inside the tank shall be measured and recorded in the maintenance log together with a notation of any system deficiencies. Such pumping and cleaning schedule may be modified by the BPUC for functional Interceptors subject to abnormally light flows and for Interceptors subject to excessively heavy flows. In addition, the owner shall cause an inspection and pumping log, in a form approved by the BPUC, to be maintained at the premises served by said FOG Interceptor which log shall be completed by said approved licensed septic hauler to reflect the date and observations of each inspection and the date of each pumping.

Internal FOG Management Equipment (FOG Recovery Units and FOG Pretreatment Systems): The property owner shall cause each internal FOG Recovery Unit or FOG Pretreatment System serving his premises to be cleaned and maintained in accordance with a written Operation and Maintenance Plan approved by the BPUC at the time of approval of the

use of such Unit or System. The owner shall cause an inspection, cleaning and maintenance log, in a form approved by the BPUC, to be maintained at the premises served by such FOG Management Equipment which log shall be completed to reflect the date and observations of each inspection and cleaning of each such equipment.

Renderable FOG shall not be disposed of in any sewer, septic tank or FOG Interceptor. All renderable FOG shall be stored in a separate, covered, leak proof container, stored out of reach of vermin, and for collection and disposal by an approved FOG renderer.

Small quantities of FOG scraped or removed from pots, pans, dishes and utensils shall be directed to the municipal solid waste stream for disposal.

Oil and Sand Interceptors: Oil and Sand Interceptors shall be maintained by the owner, at his expense, in continuously efficient operation at all times. The owner shall cause each such interceptor to be pumped and cleaned pursuant to a routine maintenance program. In addition, the owner shall cause an inspection and pumping log, in a form approved by the BPUC, to be maintained at the premises served by said interceptor which log shall be completed and certified by the contracted hauler to reflect the date and observations of each inspection and the date of each cleaning and pumping.

Maintenance Logs: All maintenance logs required under these Regulations for FOG Interceptors, FOG Management Equipment and Oil and Sand Interceptors shall be maintained on the premises for not less than three years and shall be available for examination by the BPUC and the Department of Environmental Protection, their agents, servants and employees at all times during normal business hours of said premises.

**TOWN OF BETHEL
PUBLIC UTILITIES COMMISSION
RULES AND REGULATIONS
SEWER DEPARTMENT**

The following amendment was approved by the Public Utilities Commission on May 9, 2011.

4.4 **EXCEPTION TO EXPANSION PERMIT OUTSIDE SEWER SERVICE AREA.**

Any person desiring to expand the sewage collection system out of the established sewer service area will be required to petition the BPUC for permission to proceed in filing an application under Section 4.0 of these sewer Rules and Regulations and must demonstrate the following:

- a. The real property for which the expansion permit is requested must:
 - 1. Have located thereon a septic system that in the opinion of the local health department has failed or is in imminent danger of failure.
 - 2. Must be located within 250 feet of the sewer district boundary.
 - 3. Must have located thereon an existing occupied building. If residential, the building must be inhabited by the owner and/or tenant. If commercial, the building must be occupied and contain an ongoing primary use or combination of primary uses for retail, office and services where the public is invited therein. Specifically excluded from a commercial use for the purposes of this petition are primary industrial uses (as defined by the local planning and zoning regulations) and the primary use of storage and warehousing.

- b. The proposed expanded sewer use will not result in exceeding the public sewer capacity allotment for the sewer district affected by the expansion petition.

- c. Failure to grant the petition for the expanded sewer use to the subject real property will result in undue hardship, subject to verification by the Bethel Health Department. Undue hardship for purposes of this petition shall consist of one or more of the following and shall not have been caused by or contributed to by the petitioner:
 - 1. The building(s) to be serviced are located in a public water shed area; an aquifer recharge area; and/or
 - 2. The only area in which to locate a reconstructed septic system or septic repair is within 100 feet of designated inland wetlands or a water course; and/or

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3. The inability to reconstruct or repair a septic system at least seventy (70%) percent of the size required by existing local and state regulations; and/or
 4. The inability to reconstruct or repair a septic system that meets at least seventy (70%) percent of the Minimum Leaching System Spread (MLSS) configuration required by existing local and state regulations; and/or
 5. The cost of the reconstruction or repair to the septic system is greater than the cost for connecting to the public sanitary sewer, excluding any costs associated with this petition and subsequent application costs under Section 4 of these sewer Rules and Regulations.
- d. Should the petition be granted by the BPUC, the petitioner shall be responsible to comply with all other rules, regulations, fees, permit procedures of these sewer Rules and Regulations including the filing of an application under Section 4 herein.

In the event the petitioner's application under Section 4 is granted, the petitioner shall be responsible for the following:

1. All costs and expenses in the expansion and connection of the public sewer line to the subject real property.
2. In addition to any and all other fees and expenses due the BPUC under these sewer Rules and Regulations, the petitioner shall also pay to the BPUC, the following fee:
 - i. Twelve Thousand Five Hundred (\$12,500.00) Dollars for any subject property where the primary use is residential, or
 - ii. Twenty Five Thousand (\$25,000.00) Dollars for any subject property where the primary use is commercial i.e. retail use, office use, and services where the public is invited therein.