

# **Sewer Use Ordinance**

## **SOUTH GRANVILLE WATER AND SEWER AUTHORITY**

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## **SECTION 1 - GENERAL PROVISIONS**

### **1.1 Purpose and Policy**

This ordinance sets forth uniform requirements for direct and indirect contributors into the wastewater collection and treatment system for the South Granville Water and Sewer Authority, hereafter referred to as the Authority, and enables the Authority to comply with all applicable State and Federal laws, including the Clean Water Act (33 United States Code §1251 et seq.) and the General Pretreatment Regulations (40 CFR, Part 403).

The objectives of this ordinance are:

- (a) To prevent the introduction of pollutants and wastewater discharges into the municipal wastewater system, that will interfere with the operation of the system or contaminate the resulting sludge;
- (b) To prevent the introduction of pollutants and wastewater discharges into the municipal wastewater system which will pass through the system, inadequately treated, into any waters of the State or otherwise be incompatible with the system;
- (c) To promote reuse and recycling of industrial wastewater and sludges from the municipal system;
- (d) To protect both municipal personnel who may be affected by sewage, sludge, and effluent in the course of their employment as well as protecting the general public;
- (e) To provide for equitable distribution of the cost of operation, maintenance and improvement of the municipal wastewater system; and
- (f) To ensure that the municipality complies with its NPDES or Non-discharge Permit conditions, sludge use and disposal requirements and any other Federal or State laws to which the municipal wastewater system is subject.

This ordinance provides for the regulation of direct and indirect contributors to the municipal wastewater system, through the issuance of permits to certain non-domestic users and through enforcement of general requirements for the other users, authorizes monitoring and enforcement activities, requires user reporting and provides for the setting of fees for the equitable distribution of costs resulting from the program established herein.

This ordinance shall apply to all users of the municipal wastewater system, as authorized by N.C.G.S. 160A-312 and/or 153A-275. The Authority shall designate an administrator of the Publicly Owned Treatment Works or POTW and pretreatment program hereafter referred to as the POTW Director; except as otherwise provided herein, the POTW Director shall administer, implement, and enforce the provisions of this ordinance. Any powers granted to or imposed upon the POTW Director may be delegated by the POTW Director to other Authority personnel.

By discharging wastewater into the authority wastewater system, industrial users located outside the Authority limits agree to comply with the terms and conditions established in this Ordinance, as well as any permits, enforcement actions, or orders issued hereunder.

### **1.2 Definitions And Abbreviations**

- (a) Unless the context specifically indicates otherwise, the following terms and phrases, as used in this ordinance, shall have the meanings hereinafter designated:
  - (1) Act or "the Act". The Federal Water Pollution Control Act: also known as the Clean Water Act, as amended, 33 U.S.C. §1251, et seq.
  - (2) Ammonia nitrogen shall mean the quantity of ammonia nitrogen (NH<sub>3</sub>-N) measured in the wastewater, expressed in milligrams per liter (mg/l) as prescribed in "Standard Methods" and 40 CFR 136.
  - (3) Approval Authority. The Director, of the Division of Water Quality, of the North Carolina Department of Environment and Natural Resources, or his designee.
  - (4) Authorized Representative of the Industrial User.
    - (i) If the industrial user is a corporation, authorized representative shall mean:

- A) The president, secretary, or a vice-president of the corporation in charge of a principal business function, or any other person who performs similar policy or decision-making functions for the corporation, or
  - B) The manager of one or more manufacturing, production, or operation facilities, provided, the manager is authorized to make management decisions which govern the operation of the regulated facility including having the explicit or implicit duty of making major capital investment recommendations, and initiate and direct comprehensive measures to assure long-term environmental compliance with environmental laws and regulations; can ensure that the necessary systems are established or actions taken to gather complete and accurate information for control mechanism requirements; and where authority to sign documents has been assigned or delegated to the manager in accordance with corporate procedures.
- (ii) If the industrial user is a partnership or sole proprietorship, an authorized representative shall mean a general partner or the proprietor, respectively.
  - (iii) If the industrial user is a Federal, State or local government facility, an authorized representative shall mean a director or highest official appointed or designated to oversee the operation and performance of the activities of the government facility, or their designee.
  - (iv) The individuals described in paragraphs i-iii above may designate another authorized representative if the authorization is in writing, the authorization specifies the individual or position responsible for the overall operation of the facility from which the discharge originates or having overall responsibility for environmental matters for the company, and the written authorization is submitted to the Authority.
  - (v) If the designation of an authorized representative is no longer accurate because a different individual or position has responsibility for the overall operation of the facility, or overall responsibility for environmental matters for the company, a new authorization satisfying the requirements of this section must be submitted to POTW Director prior to or together with any reports to be signed by an authorized representative.
- (5) Billable Excess Biochemical Oxygen Demand (BOD) shall mean a user's loading in pounds of BOD calculated using the billable flow and concentration of BOD in the wastewater in excess of 300 mg/l.
  - (6) Billable Excess Chemical Oxygen Demand (COD) shall mean a user's loading in pounds of COD calculated using the billable flow and concentration of COD in the wastewater in excess of 600 mg/l.
  - (7) Billable Excess Ammonia Nitrogen (NH<sub>3</sub>-N) shall mean a user's loading in pounds of NH<sub>3</sub>-N calculated using the billable flow and concentration of NH<sub>3</sub>-N in the wastewater in excess of 25 mg/l.
  - (8) Billable Excess Total Suspended Solids (TSS) shall mean a user's loading in pounds of TSS calculated using the billable flow and concentration of TSS in the wastewater in excess of 300 mg/l.
  - (9) Billable Excess Total Phosphorus (P) shall mean a user's loading in pounds of P calculated using the billable flow and concentration of P in the wastewater in excess of 10 mg/l.
  - (10) Billable Flow shall mean a user's recorded water usage as metered by the appropriate water utility, plus metered water from back-up wells and other sources, and less any sewer-exempt metered data, times the Authority's approved percentage factor for wastewater entering the wastewater disposal system out of the metered water. Residential users shall be on the metered water system and users with meters producing no reasonable billable flow shall have their billable flow estimated by averaging the billable flow of other residential users of the same class.

- (11) Biochemical Oxygen Demand (BOD). The quantity of oxygen utilized in the biochemical oxidation of organic matter under standard laboratory procedures for five (5) days at 20° centigrade, usually expressed as a concentration (e.g. mg/l).
- (12) Building Drain shall mean that part of the lowest horizontal piping of a drainage system which received sanitary or industrial wastewater only as is located inside the walls of a building and conveys the wastewater to the building sewer, which begins five (5) feet outside the building wall.
- (13) Building Sewer. A sewer conveying wastewater from the premises of a user to the POTW.
- (14) Bypass. The intentional diversion of waste streams from any portion of a user's treatment facility.
- (15) Categorical Standards. National Categorical Pretreatment Standards or Pretreatment Standard.
- (16) Chemical Oxygen Demand (COD) shall be the total amount of oxygen required to oxidize all of the organic matter in a waste to carbon dioxide, water, and ammonia nitrogen by potassium dichromate under acid conditions as described in "Standard Methods"
- (17) Classes of users mean the division of POTW customers by waste characteristics and process discharge similarities or function, such as residential, commercial, institutional, industrial, or governmental.
- (18) Collection Sewer shall mean a sewer whose primary purpose is to collect wastewaters from individual point source discharge.
- (19) Commercial User shall mean a user engaged in the purchase or sale of goods or in the transaction or business or who otherwise renders a service.
- (20) Commercial waste shall mean wastewater discharged from a business (gas station, car lot, etc.) that is used to generate income, but is discharging waste strengths considered equivalent to domestic wastewater.
- (21) Compatible Pollutant shall mean Biochemical oxygen demand, suspended solids, pH, and fecal coliform bacteria; plus any additional pollutants identified in the POTW NPDES permit, where the POTW is designed to treat such pollutants and, in fact, does treat such pollutants to the degree required by the NPDES Permit.
- (22) Control Authority shall refer to the Approval Authority, defined hereinabove; or the appointed representative of the South Granville Water and Sewer Authority with an approved Pretreatment Program under the Provisions of 40 CFR 403.11.
- (23) Cooling Water shall mean the water discharged from any use such as air conditioning, cooling or refrigeration, or to which the only pollutant added is heat.
- (24) Direct Discharge shall mean the direct discharge of treated or untreated wastewater directly to the waters of the State.
- (25) Domestic Waste shall mean wastewater discharged from a house, mobile home, or apartment used solely for the purpose of a domicile.
- (26) Easement shall mean an acquired legal right for the specific use of land by others.
- (27) Environmental Protection Agency or EPA shall mean the U.S. Environmental Protection Agency, or where appropriate the term may also be used as a designation for the Administrator or other duly authorized official of said agency.
- (28) Executive Director shall mean the person designated by the Authority to supervise the operation of the publicly owned treatment works and who is charged with certain duties and responsibilities by this ordinance, or his duly authorized representative.
- (29) Floatable oil shall mean oil, fat, or grease in a physical state such that it will separate by gravity from wastewater by treatment in a pretreatment facility. A wastewater shall be considered free of floatable oil if it is properly pretreated and the wastewater does not interfere with the wastewater disposal system.

- (30) Garbage shall mean animal or vegetable wastes from the domestic and commercial preparation, cooking, and dispensing of Food, and from the commercial handling, storage and sale of produce.
- (31) Grab Sample shall mean a sample which is taken from a waste stream on a one-time basis without regard to the flow in the waste stream and over a period of time not to exceed 15 minutes.
- (32) Holding Tank Waste shall mean any waste from holding tanks, including but not limited to such holding tanks as vessels, chemical toilets, campers, trailers, septic tanks, and vacuum-pump tank trucks.
- (33) Incompatible Waste shall be all pollutants other than compatible pollutants as defined
- (34) Indirect Discharge or Discharge shall mean the discharge or the introduction from any nondomestic source regulated under section 307(b), (c), or (d) of the Act, (33 U.S.C. 1317), into the POTW (including holding tank waste discharged into the system).
- (35) Individual Systems are wastewater treatment systems that are privately owned. For the purpose of this ordinance, the term individual systems shall refer to septic tank and connecting piping existing in the ground
- (36) Industrial User or User. Any person which is a source of indirect discharge.
- (37) Industrial waste shall mean wastewaters discharged from a business(rest home, restaurant, manufacturing plant, salon, etc.) that produces waste with strengths normally (but not always) exceeding that of domestic wastewaters. Said Industrial wastes may contain other parameters of waste concentrations not normally found in domestic wastewaters.
- (38) Infiltration shall mean the water unintentionally entering the public sewer system, including sanitary building drains and sewers, from the ground through such means as, but not limited to, defective pipes, pipe joints, connections, or manhole walls.
- (39) Infiltration/inflow shall mean the total quantity of water from both infiltration and inflow without distinguishing the source.
- (40) Inflow shall mean the water discharge into the public sewer, including building drains and sewers, from sources as, but not limited to, roof leaders, cellar, yard and area drains, foundation drains, unpolluted cooling water discharges, drains from springs and swampy areas, manhole covers, cross connections from storm sewers and/or combined sewers, catch basins, storm waters, surface runoff, street wash waters, or drainage.
- (41) Interceptor Sewer shall mean a sewer whose primary purpose is to transport wastewater to a treatment facility.
- (42) Interference shall mean the inhibition, or disruption of the POTW collection system, treatment processes, operations, or its sludge process, use, or disposal, which causes or contributes to a violation of any requirement of the Control Authority's NPDES collection system, or Non-discharge Permit or prevents sewage sludge use or disposal in compliance with specified applicable State and Federal statutes, regulations, or permits. The term includes prevention of sewage sludge use or disposal by the POTW in accordance with section 405 of the Act, (33 U.S.C. 1345) or any criteria, guidelines, or regulations developed pursuant to the Solid Waste Disposal Act (SWDA)(42 U.S.C. §6901, et seq.), the Clean Air Act, the Toxic Substances Control Act, the Marine Protection Research and Sanctuary Act (MPRSA) or more stringent state criteria (including those contained in any State sludge management plan prepared pursuant to Title IV of SWDA) applicable to the method of disposal or use employed by the POTW.
- (43) Large Volume Flows shall mean any multi-unit developments for housing or a single unit discharge (commercial, institutional, industrial) exceeding the normal expected 5,000 gallon/month flow for a single house.
- (44) Medical Waste shall mean isolation wastes, infectious agents, human blood and blood products, pathological wastes, sharps, body parts, contaminated bedding, surgical wastes, potentially contaminated laboratory wastes, and dialysis wastes.

- (45) Multi-unit Development shall mean developments planned for more than one unit, to be built on the entire platted property.
- (46) National Categorical Pretreatment Standard or Categorical Standard shall mean any regulation containing pollutant discharge limits promulgated by EPA in accordance with sections 307(b) and (c) of the Act (33 U.S.C. §1317) which applies to a specific category of industrial users, and which appears in 40 CFR Chapter 1, Subchapter N, Parts 405-471.
- (47) National Prohibitive Discharge Standard or Prohibitive Discharge Standard shall mean absolute prohibitions against the discharge of certain substances; these prohibitions appear in section 2.7 of this ordinance and are developed under the authority of 307(b) of the Act and 40 CFR, section 403.5.
- (48) Natural outlet shall mean any outlet into a watercourse, pond, ditch, lake, or other surface water or groundwater.
- (49) New Source.
- (1) Any building, structure, facility, or installation from which there may be a discharge of pollutants, the construction of which commenced after the publication of proposed categorical pretreatment standards under section 307(c) of the Act which will be applicable to such source if such standards are thereafter promulgated in accordance with section 307(c), provided that:
- (A) the building, structure, facility, or installation is constructed at a site at which no other source is located; or
- (B) the building, structure, facility, or installation totally replaces the process or production equipment that causes the discharge of pollutants at an existing source; or
- (C) the production or wastewater generating processes of the building, structure, facility, or installation are substantially independent of an existing source at the same site. In determining whether these are substantially independent, factors such as the extent to which the new facility is integrated with the existing plant, and the extent to which the new facility is engaged in the same general type of activity as the existing source, should be considered.
- (2) Construction on a site at which an existing source is located results in a modification rather than a new source if the construction does not create a new building, structure, facility, or installation meeting the criteria of section (i)(B) or (C) above but otherwise alters, replaces, or adds to existing process or production equipment.
- (3) For purposes of this definition, construction of a new source has commenced if the owner or operator has:
- (A) Begun, or caused to begin, as part of a continuous on-site construction program:
1. Any placement, assembly, or installation of facilities or equipment; or
  2. Significant site preparation work including clearing, excavation, or removal of existing buildings, structures or facilities which is necessary for the placement, assembly, or installation of new source facilities or equipment; or
- (B) Entered into a binding contractual obligation for the purchase of facilities or equipment which are intended to be used in its operation within a reasonable time. Options to purchase or contracts which can be terminated or modified without substantial loss, and contracts for feasibility, engineering, and design studies do not constitute a contractual obligation under this definition.
- (50) Non-contact Cooling Water. Water used for cooling which does not come into direct contact with any raw material, intermediate product, waste product, or finished product.
- (51) National Pollution Discharge Elimination System, or NPDES, Permit. A permit issued pursuant to section 402 of the Act (33 U.S.C. §1342), or pursuant to N.C.G.S. 143-215.1 by the State under delegation from EPA.
- (52) Non-discharge Permit. A permit issued by the State pursuant to G.S. 143-215.1(d) for a waste which is not discharged directly to surface waters of the State or for a wastewater treatment works which does not discharge directly to surface waters of the State.

- (53) Overloaded Sewer Line shall mean a sewer line whose capacity to receive and transport sewerage has been used up, or is at or near capacity.
- (54) Pass Through. A discharge which exits the POTW into waters of the State in quantities or concentrations which, alone or with discharges from other sources, causes a violation, including an increase in the magnitude or duration of a violation, of the Control Authority's NPDES, collection system, or Non-discharge Permit, or a downstream water quality standard even if not included in the permit.
- (55) Person. Any individual, partnership, co-partnership, firm, company, corporation, association, joint stock company, trust, estate, governmental entity or any other legal entity, or their legal representatives, agents or assigns. This definition includes all Federal, State, and local government entities.
- (56) Phosphorus shall mean the quantity of phosphorus measured in the wastewater expressed in milligrams per liter (mg/l) as prescribed in "Standard Methods".
- (57) pH. A measure of the acidity or alkalinity of a substance, expressed as standard units, and calculated as the logarithm (base 10) of the reciprocal of the concentration of hydrogen ions expressed in grams per liter of solution.
- (58) Pollutant. Any "waste" as defined in N.C.G.S. 143-213(18) and dredged spoil, solid waste, incinerator residue, sewage, garbage, sewage sludge, munitions, medical wastes, chemical wastes, biological materials, radioactive materials, heat, wrecked or discarded equipment, rock, sand, cellar dirt and industrial, municipal, and agricultural waste and certain characteristics of wastewater (e.g., pH, temperature, TSS, turbidity, color, metals, BOD, COD, toxicity, and odor).
- (59) POTW Director. The Authority administrator designated by the Executive Director of the South Granville Water and Sewer Authority with the responsibility for the pretreatment program and enforcement of this Sewer Use Ordinance.
- (60) POTW Treatment Plant. That portion of the POTW designed to provide treatment to wastewater.
- (61) Pretreatment or Treatment. The reduction of the amount of pollutants, the elimination of pollutants, or the alteration of the nature of pollutant properties in wastewater prior to or in lieu of discharging or otherwise introducing such pollution into a POTW collection system and/or treatment plant. The reduction or alteration can be obtained by physical, chemical or biological processes, or process changes or other means, except as prohibited by CFR Part 403.6(d).
- (62) Pretreatment Program. The program for the control of pollutants introduced into the POTW from non-domestic sources which was developed by the Authority in compliance with 40 CFR 403.8 and approved by the approval authority as authorized by N.C.G.S. 143-215.3(a)(14) in accordance with 40 CFR 403.11.
- (63) Pretreatment Requirements. Any substantive or procedural requirement related to pretreatment, other than a pretreatment standard.
- (64) Pretreatment Standard. Any prohibited discharge standard, categorical standard, or local limit which applies to an industrial user..
- (65) Private sewer shall mean a sewer which is not owned by the Authority. This shall also include the sewer service lateral line from the street right-of-way or easement to within 5 feet of the building plumbing connection.
- (66) Public Sewer shall mean a sewer which is owned and controlled by the South Granville Water and Sewer Authority, and is separate from and does not include private sewers and/or sewers owned by other governmental units. Normally these occur within street right-of-ways or across easements granted on private land.
- (67) Publicly Owned Treatment Works (POTW) or Municipal Wastewater System. A treatment works as defined by section 212 of the Act, (33 U.S.C. §1292) which is owned in this instance by the Authority. This definition includes any devices or systems used in the collection, storage, treatment, recycling, and reclamation of municipal sewage or industrial wastes of a

liquid nature. It also includes sewers, pipes, and other conveyances only if they convey wastewater to the POTW treatment plant. For the purposes of this ordinance, "POTW" shall also include any sewers that convey wastewaters to the POTW from persons outside the Authority who are, by contract or agreement with the Authority, or in any other way, users of the POTW of the Authority.

- (68) Sanitary Sewer shall mean a sewer which carries sanitary and/or industrial wastewater from residences, commercial buildings, industrial plants, and institutions. Sanitary sewers are separate and distinct from storm sewers and are not intended to carry surface runoff or groundwater.
- (69) Severe Property Damage. Substantial physical damage to property, damage to the user's treatment facilities which causes them to become inoperable, or substantial and permanent loss of natural resources which can reasonably be expected to occur in the absence of a bypass. Severe property damage does not mean economic loss caused by delays in production.
- (70) Significant Industrial User or SIU. An industrial user that discharges wastewater into a publicly owned treatment works and that:
- (A) Discharges an average of 25,000 gallons per day or more of process wastewater to the POTW (excluding sanitary, noncontact cooling and boiler blowdown wastewaters); or
  - (B) contributes process wastewater which makes up five percent or more of the NPDES Non-discharge permitted flow limit or organic capacity of the POTW treatment. In this content organic refers to BOD, TSS, Ammonia, Total Phosphorus, and Total Nitrogen; or
  - (C) is subject to Categorical Pretreatment Standards under 40 CFR Part 403.6 and 40 CFR chapter I, subchapter N, Parts 405-471; or
  - (D) is designated as such by the Control Authority on the basis that the industrial user has a reasonable potential for adversely affecting the POTW's operation, or for violating any Pretreatment Standard or requirement, or for contributing to violations of the POTW's effluent limitations and conditions in its NPDES or non-charge permit, or for contributing to violations of the POTW's receiving stream standard, or for limiting the POTW's sludge disposal options.
  - (E) Subject to Division approval under 15A NCAC 02H .0907(b), the Control Authority may determine that an Industrial User meeting the criteria in paragraphs (A) and (B) above has no reasonable potential for adversely affecting the POTW's operation or for violating any Pretreatment Standards or requirement, or for contributing to violations of the POTW's effluent limitations and conditions in its NPDES or non-discharge permit, or contributing to violations of the POTW's receiving stream standard, or for limiting the POTW's sludge disposal options, and thus is not a Significant Industrial User.
- (71) Significant Noncompliance. A status of noncompliance defined as follows:
- A. Chronic violations of wastewater discharge limits, defined here as those in which sixty-six (66) percent or more of all the measurements taken for the same pollutant parameter (not including flow) during a six month period exceed (by any magnitude) a numeric Pretreatment Standard or Requirement including instantaneous limits, as defined by 40 CFR Part 403.3(1);
  - B. Technical Review Criteria (TRC) violations, defined here as those in which thirty-three (33) percent or more of all the measurements taken for the same pollutant parameter during a six-month period equal or exceed the product of the numeric Pretreatment Standard or Requirement including instantaneous limits, as defined by 40 CFR Part 403.3(1) multiplied by the applicable TRC; (TRC =1.4 for BOD, TSS fats, oil and grease; 1.2 for all other pollutants (except flow and pH);
  - C. Any other violation of a Pretreatment Standard or Requirement as defined by 40 CFR Part 403.3(1) (daily maximum, long-term average, instantaneous limit, or narrative standard) that the Control Authority and/ or POTW determines has caused alone or in combination with other discharges, interference or pass through (including endangering the health of POTW personnel or the general public);

- D. Any discharge of a pollutant or wastewater that has caused imminent endangerment to human health, welfare or to the environment or has resulted in the Control Authority's or POTW's exercise of its emergency authority under 40 CFR Part 403.8(f)(1)(vi)(B) and section 8.1(e) of this SUO to halt or prevent such a discharge;
  - E. Violations of compliance schedule milestones, contained in a pretreatment permit or enforcement order, for starting construction, completing construction, and attaining final compliance by 90 days or more after the schedule date.
  - F. Failure to provide reports for compliance schedule, self-monitoring data, baseline monitoring reports, 90-day compliance reports, and compliance reports within 30-45 days from the due date.
  - G. Failure to accurately report noncompliance.
  - H. Any other violation or group of violations that the Control Authority and/or POTW determines will adversely affect the operation or implementation of the local pretreatment program.
- (72) Slug Load or Discharge. Any discharge at a flow rate or concentration which has a reasonable potential to cause Interference or Pass-Through, or in any other way violates the POTW's regulations, local limits, or Industrial User Permit conditions. This can include but is not limited to spills and other accidental discharges; discharges of a non-routine, episodic nature; a non-customary batch discharge; or any other discharges that can cause a violation of the prohibited discharge standards in section 2.7 of this ordinance.
  - (73) Standard Industrial Classification (SIC). A classification pursuant to the Standard Industrial Classification Manual issued by the Executive Office of the President, Office of Management and Budget, 1987.
  - (74) Storm Water. Any flow occurring during or following any form of natural precipitation and resulting therefrom.
  - (75) Suspended Solids or Total Suspended Solids. The total suspended matter that floats on the surface of, or is suspended in, water, wastewater or other liquids, and which is removable by laboratory filtering.
  - (76) Upset. An exceptional incident in which there is unintentional and temporary noncompliance with categorical pretreatment standards because of factors beyond the reasonable control of the user. An upset does not include noncompliance to the extent caused by operational error, improperly designed treatment facilities, inadequate treatment facilities lack of preventive maintenance, or careless or improper operation.
  - (77) User shall mean any person who contributes; causes or permits the contribution of wastewater into the POTW.
  - (78) Wastewater. The liquid and water-carried industrial or domestic wastes from dwellings, commercial buildings, industrial facilities, mobile sources, treatment facilities and institutions, together with any groundwater, surface water, and storm water that may be present, whether treated or untreated, which are contributed into or permitted to enter the POTW.
  - (79) Wastewater Permit. As set forth in section 4.2 of this ordinance.
  - (80) Waters of the State. All streams, rivers, brooks, swamps, sounds, tidal estuaries, bays, creeks, lakes, waterways, reservoirs and all other bodies or accumulations of water, surface or underground, natural or artificial, public or private, which are contained within, flow through, or border upon the State or any portion thereof.
- (b) This ordinance is gender neutral and the masculine gender shall include the feminine and vice-versa.
  - (c) Shall is mandatory; may is permissive or discretionary.
  - (d) The use of the singular shall be construed to include the plural and the plural shall include the singular as indicated by the context of its use.
  - (e) The following abbreviations when used in this ordinance, shall have the designated meanings:

(1)	BOD	Biochemical Oxygen Demand
(2)	CFR	Code of Federal Regulations
(3)	COD	Chemical Oxygen Demand
(4)	EPA	Environmental Protection Agency
(5)	gpd	Gallons per day
(6)	l	Liter
(7)	mg	Milligrams
(8)	mg/l	Milligrams per liter
(9)	N.C.G.S.	North Carolina General Statutes
(10)	NPDES	National Pollution Discharge Elimination System
(11)	O & M	Operation and Maintenance
(12)	POTW	Publicly Owned Treatment Works
(13)	RCRA	Resource Conservation and Recovery Act
(14)	SIC	Standard Industrial Classification
(15)	SWDA	Solid Waste Disposal Act
(16)	TSS	Total Suspended Solids
(17)	TKN	Total Kjeldahl Nitrogen
(18)	U.S.C	United States Code.

## **SECTION 2 - GENERAL SEWER USE REQUIREMENTS**

### **ARTICLE 2 – REGULATIONS**

#### **Section 2.1 – Use of Public Sewers Required**

It shall be the policy of the South Granville Water and Sewer Authority that sewer connection to the central system shall also be coupled with connection to the central water system. Exceptions that will allow only a sewer connection may be granted only in the case of extenuating health circumstances resulting from failure in the existing sewer system. Once a user is connected to the sewer system, he/she shall not be allowed to disconnect from the central system.

The Owner of all new houses, buildings or properties used for human occupancy, employment, recreation, or other purposes, situated on a lot which abuts or adjoins a street or alley along which is located a public gravity sanitary sewer, which is accessible within 200 feet of the lot, and a water line, which is accessible within 200 feet of the lot, shall make an approved water and sewer connection with the house, building or structure; provided, however, that no person shall be required to cross the private property of any other person to make the water and sewer connections. This includes plumbing all wastewater (grease traps, etc.) into the central sewer lateral.

The Owner of all existing houses, buildings or properties used for human occupancy, employment, recreation or other purposes, situated on a lot which abuts or adjoins a street or alley along which is located a public gravity sanitary sewer, which is accessible within 200 feet of the lot, and a water line, which is accessible within 200 feet of the lot, and has a failing sewage treatment system, must connect to the central sewer system; provided, however, that no person shall be required to cross the private property of any other person to make the water and sewer connections. All existing wastewater discharges (septic tanks, grease traps, etc.) shall be discontinued and plumbed to discharge into the single discharge lateral to the South Granville Water and Sewer Authority.

It shall be unlawful for any person to place, deposit, or permit to be deposited in any unsanitary manner on public or private property any wastewater or other polluted waters except where suitable treatment has been provided in accordance with subsequent provisions of this Ordinance and with regulations of the Division of Environmental Management, Department of Environmental and Natural Resources of the State and the EPA.

#### **Section 2.2 – Right of Access to Public Sewers on Private Property**

Property Owner(s) shall grant to the South Granville Water and Sewer Authority or its designated representative, right of access at all reasonable hours to the premises of the Owner(s) for the purpose of installing, maintaining and operating, inspecting, monitoring, rehabilitating, and replacing or removing the South Granville Water and Sewer Authority's equipment and other purposes incident to performance under or termination of the South Granville Water and Sewer Authority's agreement with the Property Owner(s) and in such performance shall not be liable for trespass.

#### **Section 2.3 – Private Wastewater Disposal**

Where a public sanitary sewer is not available, the building sewer shall be connected to a private wastewater disposal system complying with the provisions of this article. Before commencement of construction of a private (individual) wastewater disposal system, the Owner(s) shall first obtain written approval by the South Granville Water and Sewer Authority's designated representative. The applicant shall provide any plans, specifications, and other information as are deemed necessary by the South Granville Water and Sewer Authority's designated representative. A review fee may be charged the Applicant as may be set by the South Granville Water and Sewer Authority. The private wastewater disposal system installation shall be completed to the satisfaction of the State. The South Granville Water and Sewer Authority's designated representative shall be allowed to inspect the work at any stage of construction. The type, capacities, location, and layout of the private wastewater disposal system shall comply with all recommendations of the Division of Environmental Health/Division of Environmental Management of the State and the South Granville Water and Sewer Authority. No permit shall be issued for any private wastewater disposal system employing subsurface soil absorption facility where the area of the lot is less than 15,000 square feet. No

septic tank shall be permitted to discharge to any natural outlet. The Owner(s) shall operate and maintain the private wastewater disposal facilities in a sanitary manner at all times, at no expense to the South Granville Water and Sewer Authority.

At such time as a public sewer becomes available (within 200') to a property served by a private (individual) wastewater disposal system, a direct connection (combining all plumbing into one lateral discharge line) shall be made to the public sewer within ninety (90) days. Under unusual and/or special circumstances the South Granville Water and Sewer Authority may waive this provision.

#### **Section 2.4 – Building Sewers and Connections**

No unauthorized person(s) shall uncover, make any connections with or opening into, use, alter, or disturb any public sewer or appurtenance thereof without first obtaining written approval from the South Granville Water and Sewer Authority's designated representative. The Owner(s) shall indemnify the South Granville Water and Sewer Authority from any loss or damage that may directly or indirectly be occasioned by the installation of the building sewer provided; however, that such indemnification shall not extend to loss or damage due solely to willful misconduct or negligence on the part of the South Granville Water and Sewer Authority. Excluding industrial plant sites or other sites which have written approval from the South Granville Water and Sewer Authority for single discharge points, a separate and independent building sewer shall be provided for every building, except where one building stands at the rear of another on an interior lot and no private sewer is available or can be constructed to the rear building through an adjoining alley, courtyard, or driveway, the front building may be extended to the rear building and the whole considered as one building sewer; but the South Granville Water and Sewer Authority does not and will not assume any obligation or responsibility for damage caused by or resulting from any such single connection aforementioned. Old building sewers may be used in connection with new building only when they are found, on examination and test by the South Granville Water and Sewer Authority's designated representative to meet all requirements of this Ordinance. Existing building sewers may be kept in service if, in the opinion of the South Granville Water and Sewer Authority's designated representative, they are in acceptable structural conditions and operate satisfactorily. The South Granville Water and Sewer Authority shall charge the property owner the actual cost of inspection services that may be rendered. All new building sewers including any necessary replacement of existing building sewers must comply with the North Carolina State Building Code, Volume II, Plumbing or the official building code as adopted by the State of North Carolina. No connection to the public sewer shall be made directly by the Owner(s) without the prior approval of the South Granville Water and Sewer Authority.

No person(s) shall make connection of roof downspouts, foundation drains, areaway drains, or other sources of infiltration/inflow to a building sewer or building drain which in turn is connected directly or indirectly to a public sanitary sewer.

All excavations for building sewer installation shall be adequately guarded with barricades and lights so as to protect the public from hazard. Streets, sidewalks, parkways, and other public property disturbed in the course of the work shall be restored in a manner satisfactory to the appropriate authority.

It shall be the responsibility of the property owner to keep and maintain the building sewer connected to the public sewer in good repair. Should the Owner fail to repair the building sewer within 60 days after receiving written notification by the South Granville Water and Sewer Authority that such repairs are necessary the South Granville Water and Sewer Authority may make the necessary repairs to the building sewer and shall assess the Owner(s) for the cost of the repairs. Thus the entire cost of the building sewer (lateral) installed between the building and the central sewer tap shall be borne by the Owner. The South Granville Water and Sewer Authority shall bear maintenance responsibility for the sewer tap only between the sewer and the right-of-way easement (street, or private).

Existing multi-residential users (trailer courts, apartment buildings, duplex apartments, etc.) and small commercial establishments (shopping centers, etc.) being served with one water meter may, at the discretion of the South Granville Water and Sewer Authority's designated representative, be served with a single or multiple connection(s) to the sewer system.

However, for billing purposes, the total monthly flow of a multi-unit measured through a single water meter shall be billed individually to each unit by dividing the total flow equally by the number of units and billing according to Article 3 (User Charge System) or billing a minimum of 3,000 gallon per month flow (whichever is larger).

### **Section 2.5 – Installation, Ownership and Maintenance Responsibilities**

Installation, right of ownership and maintenance responsibilities shall be delineated as follows:

- (1) The Property Owner(s) shall bear the responsibility for:
  - (a) The installation and maintenance of the building sewer which may include a septic tank/holding tank where required; and grease, oil and/or sand trap where required.
  - (b) The ownership and maintenance of a holding tank where required; grease, oil and/or sand trap where required; and all incidental service lines and pretreatment units.
  - (c) Submit plans and specifications to the South Granville Water and Sewer Authority for review and approval by the South Granville Water and Sewer Authority's designated representative for unit(s) to receive sewer service prior to construction. All Plans and Specifications approved by the South Granville Water and Sewer Authority, for multi-unit systems, shall be submitted to the appropriate Division of the NC Department of Environment, Health, and Natural Resources Engineering Permit Section. Said Submittal must be transmitted to DEM, with the required DEM Applications and review fees, for a permit to be issued in the name of property owner.
  - (d) Where an Owner requests a sewer tap be placed on a vacant lot/building, he shall pay the minimum monthly sewer charge (see Article 3 – User Charge System) as established by the South Granville Water and Sewer Authority.
- (2) The South Granville Water and Sewer Authority shall bear the responsibility for:
  - (a) The connection of service laterals to sewer taps to the central sewer lines.
  - (b) The Owner(s) shall indemnify the South Granville Water and Sewer Authority from any loss or damage that may directly or indirectly be occasioned by the connection (installation), repair and/or rehabilitation of the public system to the Owner's building sewer provided; however, that such indemnification shall not extend to loss or damage due solely to willful misconduct or negligence on the part of the South Granville Water and Sewer Authority.

### **Section 2.6 – Extensions to the POTW's Collection System**

Extensions to collection system may be allowed (upon application) subject to approval of the South Granville Water and Sewer Authority. Collection system extensions shall meet the following criteria:

ALL EXTENSIONS SHALL BE IN ACCORDANCE WITH THE SOUTH GRANVILLE WATER AND SEWER SPECIFICATIONS EFFECTIVE MARCH 2007 OR LATEST VERSION. ALL COSTS ARE PAID FOR BY THE DEVELOPER/ENTENDER

- (1) After approval of application, plans and specifications for all extensions shall be submitted for review and approval to the South Granville Water and Sewer Authority, and the North Carolina Department of Environment and Natural Resources, Division of Water Quality.
- (2) All lines shall be installed in accordance with State approved plans and specifications and the South Granville Water and Sewer Authority's designated representative shall be allowed to inspect the work at any and/or stages of construction. If the State requires any modifications of the submitted South Granville Water and Sewer Authority approved plans and specifications, the

POTW Director must be notified in writing of these changes/modifications prior to any construction.

- (3) All rights-of-way, easements, permits, franchises and authorization or other instruments needed for the installation, operation and maintenance of the lines shall be deeded to the South Granville Water and Sewer Authority prior to or upon completion of the sewer extension.
- (4) Cost involved in the sewer main extension shall be paid by the person or persons requesting the extension and such person(s) shall not be reimbursed by the South Granville Water and Sewer Authority for the cost of the extension.
- (5) Upon completion of construction of the sewer extension and prior to sanitary sewer service commencing, the sewer main shall be dedicated in writing to the South Granville Water and Sewer Authority for ownership and maintenance as described in Section 2.5, Item 2a, b and in accordance with the South Granville Water and Sewer Authority Water and Sewer Specifications.

The submittal of a set of plans and specifications is deemed completed only after all of the following action in their respective order: (1) payment of appropriate capital reserve fees, tap fees when applicable, and required security deposits and inspection fees, (2) tentative review and final submittal of plans and specs to the South Granville Water and Sewer Authority Staff, (3) acquisition of all required permits (DWQS, DHS, DOT, Railroad, CAMA, etc.), and (4) the final approval by the South Granville Water and Sewer Authority's designated representative. Said Representative has ultimate responsibility for all decisions. Tentative approval of development will be rendered by the South Granville Water and Sewer Authority's designated representative. Multi-unit dwellings/large volume establishments shall only be approved by the South Granville Water and Sewer Authority. Until final approval is granted by the South Granville Water and Sewer Authority, **NO** extension is deemed approved, except as may be delegated. The developer shall pay the cost of any and all permit review fees (DWQ, Railroad easements, etc.) and the actual cost of the South Granville Water and Sewer Authority in reviewing plans and specs/supporting information prior to transmittal to the Permitting Agency(s). In cases involving an Attorney, his/her fees shall also be paid by the developer.

Where existing lines may have to be replaced in the future resulting from the project, the developer shall post a "letter of credit" or bond for full estimated cost of that future line with the South Granville Water and Sewer Authority. Said "letter of credit" or bond shall remain valid and on deposit until such time as the line is installed or deemed not required by the South Granville Water and Sewer Authority. If immediate expansion/enlargement of the existing sewerage system is required, the developer shall pay the South Granville Water and Sewer Authority to perform a detailed study and cost estimation related to the impact of his/her planned development. The developer shall then pay all costs related to required sewer system expansion. Where it is determined that a sewer line expansion is required, at some time in the future, such expansion shall occur at 50% of developer's projected development, or within a period not to exceed 2 years, whichever comes first, or if the line is determined, by the South Granville Water and Sewer Authority Designated Representative, to be at 75% of capacity.

If a sewer line becomes overloaded, as determined by the South Granville Water and Sewer Authority's Designated Representative, the developer shall not be allowed to build another dwelling until the overloaded line is corrected. If the developer (within 60 days) refuses to correct the condition, the "letter of credit" or bond posted by the developer on file with the South Granville Water and Sewer Authority shall become the property of the South Granville Water and Sewer Authority to pay for actual cost (design, inspection, construction, permits, etc.) of line replacement measures required to correct the problem. The developer may be allowed to build new dwellings after adequate sewer carrying capacity is restored to the South Granville Water and Sewer Authority. Where a sewer extension occurs, the developer shall install all required service taps to existing and immediate development. (No sewer tap fee will be required in this case although required sewer security deposits must still be mandated.) In other areas (vacant lots), service taps shall be installed by the developer on an as-needed basis. Said cost shall be subject to change as may be set by the South Granville Water and Sewer Authority.

NOTE: Sewer service is to be provided only with installation of a water service to the same address. Additionally, water and sewer taps must be a minimum of 10 feet apart horizontally.

Where multi-unit projects will be phased, sewer line sizes shall be designed adequately to handle flows for the entire development regardless of the timetable for completing (“building out”) a proposed development project. In new developments, taps and meter boxes shall be flush with the existing ground surface, not below grade, or buried. Meter boxes also shall not be placed in depressions where water will tend to accumulate over the box and cause damage (freezing, filling box with water, etc.) to the box and/or meter. If excessive time is required to locate a meter box by the South Granville Water and Sewer Authority Staff, the owner/security depositor shall be subject to an assessment of actual cost of manpower and equipment-prorated charges.

**Section 2.6A – Procedure for the Installation of Sewer Mains by a Property Owner or Developer/(Reimbursement Cost Criteria)**

- (1) The South Granville Water and Sewer Authority’s Designated Representative shall determine the size of any proposed sewer mains, pumps and force main lines. The depth and locations at which they shall be installed, shall be performed by the developer’s Engineer and properly illustrated through required plans and specifications passing through prescribed review and approval activities.
- (2) The following procedure shall be used for reimbursing the property owner(s), of record, who obtained the original permit required above, for a portion of the cost incurred by him/her. This procedure shall be used only for multi-unit dwellings/establishments located along the road or roads in which the main or mains have been located. All others shall be handled on an individual, negotiated basis.
  - (a) Prior to the installation of the sewer mains, at the expense of the property owner as set out above, the South Granville Water and Sewer Authority’s Designated Representative shall compute the total sewer line capacity from which shall be determined the unit cost reimbursement fee which can be served from the main(s) which will be installed. In calculating the unit cost reimbursement factor, a capacity use will be assigned the proposed sewer line in terms of number of housing units (based on 5,000 gallon/month) the line could service. Said factors may be adjusted in equivalent housing units (see Section 6 of SUO) for large volume dischargers connecting to the sewer. Commitments on the South Granville Water and Sewer Authority’s part shall be limited only to the phase, or number of units approved, for which capital reserve fees have been paid, provided however, in determining total project cost. The South Granville Water and Sewer Authority may, at its discretion, deduct such portion of said cost attributable to excessive sizing for the good of the overall system (i.e. the South Granville Water and Sewer Authority chooses to pay upsizing cost of installing a larger sewer line than is required).
  - (b) Final approval of total project, and cost per unit reimbursement in any such project shall be by the South Granville Water and Sewer Authority, and with receipt of all actual project installed costs.
  - (c) If, within a period of ten (10) years from the date of completion of such project, connections are made by intervening multi-unit property owners to the sewer system, constructed at the expense of the property owner of record who obtained the original permit required above, the intervening property owner shall pay to the South Granville Water and Sewer Authority a one-time charge, determined by his approved number of units to be built, multiplied by the unit reimbursement cost factor assigned to that original construction, as specified above. That portion of the charge to the intervening property owner, which represents a portion of the original cost of the project, shall be immediately refunded, by the South Granville Water and Sewer Authority, to the property owner of record who bore the original cost of the extension of the subject sewer mains, if said property owner shall be living, or in the case of a corporate owner, shall still be in existence; provided, however, if any portion of the cost of the extension of said sewer mains shall have been borne by the South Granville Water and Sewer Authority, for any reason, the payment by the intervening property owner shall then be prorated between the property owner and the South Granville Water and Sewer Authority, in accordance with the initial investment each had;
  - (d) In the event such project shall have been constructed by the original property owner who requested the extension, the South Granville Water and Sewer Authority may, in determining the unit cost, reimbursement factor, reduce the total cost of the project if, in its discretion, the cost thereof shall appear to have been excessive;

- (e) Nothing herein contained shall be construed in any event to require the South Granville Water and Sewer Authority to permit any intervening property owner to tap on to any such sewer main;
  - (f) Required reimbursement is not applicable for a single dwelling (single lot ownership basis) connection; just to multi-unit development/large volume dischargers.
- (3) When said system or systems shall have been completed by the permittee, the same shall be immediately conveyed to the South Granville Water and Sewer Authority, together with a permanent utility easement no less than twenty (20) feet in width, in form satisfactory to the South Granville Water and Sewer Authority, the centerline of which shall be the sewer lines; for so long as it shall continue to furnish sewer service through said lines, and the South Granville Water and Sewer Authority shall have full access over and upon same for the purpose of repairing, maintaining and servicing said sewer lines and replacing the same, if necessary, and shall be in perpetuity.
- (4) A sewer line extension project is considered for written acceptance by the South Granville Water and Sewer Authority with the actual receipt of: appropriate legal dedications/easements (outlined above), two blue line copies and one reproducible "As Built" set of plans, one electronic copy of as built drawings in a format designated by the Authority's representative, one set of approved shop drawings for products installed in the project, all copies of sewer testing reports on lines, concrete test, etc., required of contractors in construction the project as outlined in the specification by appropriate permitting Agency regulations. A written twelve month warranty of the new utility shall also be provided to the South Granville Water and Sewer Authority.
- (5) Any sewer line (collection or house service lateral) that is to be covered by concrete or asphalt shall be protected by installing a casing pipe (around the existing sewer line) under the affected area. Dwellings/paving structures (or modifications thereof) shall not be constructed/placed over sewer collection lines or house laterals.

#### **Section 2.7 – Prohibited Discharges**

- (a) **General Prohibitions.** No user shall contribute or cause to be contributed into the POTW, directly or indirectly, any pollutant or wastewater which causes interference or pass through. These general prohibitions apply to all users of a POTW whether or not the user is a significant industrial user or subject to any National, State, or local pretreatment standards or requirements.
- (b) **Specific Prohibitions.** No user shall contribute or cause to be contributed into the POTW the following pollutants, substances, or wastewater:
  - (1) Pollutants which create a fire or explosive hazard in the POTW, including, but not limited to, waste streams with a closed cup flashpoint of less than 140°F (60°C) using the test methods specified in 40 CFR 261.21.
  - (2) Solid or viscous substances, in amounts which will cause obstruction of the flow in the POTW, resulting in interference but in no case solids greater than one half inch (1/2") in any dimension.
  - (3) Petroleum oil, non-biodegradable cutting oil, or products of mineral oil origin, in amounts that will cause interference or pass through.
  - (4) Any wastewater having a pH less than 5.0 or more than 9.1 or wastewater having any other corrosive property capable of causing damage to the POTW or equipment.
  - (5) Any wastewater containing pollutants, including oxygen-demanding pollutants, (BOD, etc) in sufficient quantity, (flow or concentration) either singly or by interaction with other pollutants, to cause interference with the POTW.
  - (6) Any wastewater having a temperature greater than 150° F (66° C), or which will inhibit biological activity in the POTW treatment plant resulting in Interference, but in no case wastewater which causes the temperature at the introduction into the treatment plant to exceed 104° F (40° C).

- (7) Any pollutants which result in the presence of toxic gases, vapors or fumes within the POTW in a quantity that may cause acute worker health and safety problems.
- (8) Any trucked or hauled pollutants, except at discharge points designated by the POTW Director in accordance with section **2.16** of this ordinance.
- (9) Any noxious or malodorous liquids, gases, or solids or other wastewater which, either singly or by interaction with other wastes, are sufficient to create a public nuisance or hazard to life or are sufficient to prevent entry into the sewers for maintenance and repair.
- (10) Any substance which may cause the POTW's effluent or any other product of the POTW such as residues, sludges, or scums, to be unsuitable for reclamation and reuse or to interfere with the reclamation process. In no case, shall a substance discharged to the POTW cause the POTW to be in noncompliance with sludge use or disposal regulations or permits issued under section 405 of the Act; the Solid Waste Disposal Act, the Clean Air Act, the Toxic Substances Control Act, or State criteria applicable to the sludge management method being used.
- (11) Any wastewater which imparts color which cannot be removed by the treatment process, including, but not limited to, dye wastes and vegetable tanning solutions, which consequently imparts sufficient color to the treatment plant's effluent to render the waters injurious to public health or secondary recreation or to aquatic life and wildlife or to adversely affect the palatability of fish or aesthetic quality or impair the receiving waters for any designated uses.
- (12) Any wastewater containing any radioactive wastes or isotopes except as specifically approved by the POTW Director in compliance with applicable State or Federal regulations.
- (13) Storm water, surface water, ground water, artesian well water, roof runoff, subsurface drainage, swimming pool drainage, condensate, deionized water, noncontact cooling water and unpolluted industrial wastewater, unless specifically authorized by the POTW Director.
- (14) Fats, oils, or greases of animal or vegetable origin in concentrations greater than one hundred (100) mg/l unless authorized by the POTW Director.
- (15) Any sludge, screenings or other residues from the pretreatment of industrial wastes.
- (16) Any medical wastes, except as specifically authorized by the POTW Director in a wastewater discharge permit.
- (17) Any material containing ammonia, ammonia salts, or other chelating agents which will produce metallic complexes that interfere with the municipal wastewater system.
- (18) Any material that would be identified as hazardous waste according to 40 CFR Part 261 if not disposed of in a sewer except as may be specifically authorized by the POTW Director.
- (19) Any wastewater causing the treatment plant effluent to violate State Water Quality Standards for toxic substances as described in 15A NCAC 2B .0200.
- (20) Wastewater causing, alone or in conjunction with other sources, the treatment plant's effluent to fail a toxicity test.
- (21) Recognizable portions of the human or animal anatomy.
- (22) Any wastes containing detergents, surface active agents, or other substances which may cause excessive foaming in the municipal wastewater system.
- (23) At no time, shall two successive readings on an explosion hazard meter, at the point of discharge into the system (or at any point in the system) be more than five percent (5%) nor any single reading over ten percent (10%) of the lower explosive limit (LEL) of the meter.

Pollutants, substances, wastewater, or other wastes prohibited by this section shall not be processed or stored in such a manner that they could be discharged to the municipal wastewater system. All floor drains located in process or materials storage areas must discharge to the industrial user's pretreatment facility before connecting with the system.

When the POTW Director determines that a user(s) is contributing to the POTW, any of the above enumerated substances in such amounts which may cause or contribute to interference of POTW operation or pass through, the POTW Director shall:

- 1) Advise the user(s) of the potential impact of the contribution on the POTW in accordance with section **8.1**; and

- 2) Take appropriate actions in accordance with section 4 for such user to protect the POTW from interference or pass through.

**2.8 National Categorical Pretreatment Standards**

Users subject to categorical pretreatment standards are required to comply with applicable standards as set out in 40 CFR Chapter 1, Subchapter N, Parts 405-471 and incorporated herein.

- (a) Where a categorical pretreatment standard is expressed only in terms of either the mass or the concentration of a pollutant in wastewater, the POTW Director may impose equivalent concentration or mass limits in accordance with 40 CFR 403.6(c).
- (b) When wastewater subject to a categorical pretreatment standard is mixed with wastewater not regulated by the same standard, the POTW Director shall impose an alternate limit using the combined waste stream formula in 40 CFR 403.6(e).
- (c) A user may obtain a variance from a categorical pretreatment standard if the user can prove, pursuant to the procedural and substantive provisions in 40 CFR 403.13, that factors relating to its discharge are fundamentally different from the factors considered by EPA when developing the categorical pretreatment standard.
- (d) A user may obtain a net gross adjustment to a categorical standard in accordance with 40 CFR 403.15.
- (e) A user may request a removal credit adjustment to a categorical standard in accordance with 40 CFR 403.15

**2.9 Modification of Federal Categorical Pretreatment Standards**

The Authority may apply to the Approval Authority for modification of specific limits in the Federal Pretreatment Standards as specified in 40 CFR 403.7(B).

**2.10 Local Limits**

An industrial waste survey is required prior to a User discharging wastewater containing in excess of the following average discharge limits.

BOD	300	mg/l	
COD	600	mg/l	
TSS	300	mg/l	
NH <sub>3</sub>	25	mg/l	
Chlorides	200	mg/l	
Total Nitrogen	50	mg/l	
TKN	40	mg/l	
Phosphorus	10	mg/l	
Arsenic	0.005	mg/l	
Cadmium	0.002	mg/l	
Chromium	0.043	mg/l	(total chromium)
Copper	0.061	mg/l	
Cyanide	0.01	mg/l	
Lead	0.02	mg/l	
Mercury	0.0002	mg/l	
Nickel	0.02	mg/l	
Silver	0.01	mg/l	
Zinc	0.175	mg/l	

Industrial Waste Survey information will be used to develop user-specific local limits when necessary to ensure that the POTW's maximum allowable headworks loading are not exceeded for particular pollutants of concern. User-specific local limits for appropriate pollutants of concern shall be included in wastewater permits. The POTW Director may impose mass based limits in addition to, or in place of concentration based limits.

## **2.11 State Requirements**

State requirements and limitations on discharges shall apply in any case where they are more stringent than Federal requirements and limitations or those in this ordinance.

## **2.12 Right of Revision**

The Authority reserves the right to establish limitations and requirements which are more stringent than those required by either State or Federal regulation if deemed necessary to comply with the objectives presented in section 1.1 of this ordinance or the general and specific prohibitions in section 2.7 of this ordinance, as is allowed by 40 CFR 403.4.

## **2.13 Dilution**

No user shall ever increase the use of process water or, in any way, attempt to dilute a discharge as a partial or complete substitute for adequate treatment to achieve compliance with the limitations contained in the National categorical pretreatment standards, unless expressly authorized by an applicable pretreatment standard, or in any other pollutant-specific limitation developed by the Authority or State.

## **2.14 Pretreatment of Wastewater**

### **(a) Pretreatment Facilities**

Users shall provide wastewater treatment as necessary to comply with this ordinance and wastewater permits issued under section 4.2 of this ordinance and shall achieve compliance with all National categorical pretreatment standards, local limits, and the prohibitions set out in section 2.7 of this ordinance within the time limitations as specified by EPA, the State, or the POTW Director, whichever is more stringent. Any facilities necessary for compliance shall be provided, operated, and maintained at the user's expense. Detailed plans showing the pretreatment facilities and operating procedures shall be submitted to the Authority for review, and shall be approved by the POTW Director before construction of the facility. The review of such plans and operating procedures shall in no way relieve the user from the responsibility of modifying the facility as necessary to produce an effluent acceptable to the Authority under the provisions of this ordinance. Any subsequent changes in the pretreatment facilities or method of operation shall be reported to and be approved by the POTW Director prior to the user's initiation of the changes.

### **(b) Additional Pretreatment Measures**

1. Whenever deemed necessary, the POTW Director may require users to restrict their discharge during peak flow periods, designate that certain wastewater be discharged only into specific sewers, relocate and/or consolidate points of discharge, separate sewage wastestreams from industrial wastestreams, and such other conditions as may be necessary to protect the POTW and determine the user's compliance with the requirements of this ordinance.
2. The POTW Director may require any person discharging into the POTW to install and maintain, on their property and at their expense, a suitable storage and flow-control facility to ensure equalization of flow. A wastewater discharge permit may be issued solely for flow equalization.
3. Grease, oil, and sand interceptors shall be provided when, in the opinion of the POTW Director, they are necessary for the proper handling of wastewater containing excessive amounts of grease and oil, or sand; except that such interceptors shall not be required for residential users. All interception units shall be of type and capacity approved by the POTW Director and shall be so located to be easily accessible for cleaning and inspection. Such interceptors shall be inspected, cleaned, and repaired regularly, as needed, by the user at their expense.
4. Users with the potential to discharge flammable substances may be required to install and maintain an approved combustible gas detection meter.

## **2.15 Accidental Discharge/Slug Control Plans**

(a) The POTW Director shall evaluate whether each significant industrial user needs a plan or other action control and prevent slug discharges and accidental discharges as defined in Section 1.2(a)(72). All SIUs must be evaluated within one year of being designated an SIU. The POTW Director may require any user to develop, submit

for approval, and implement such a plan or other specific action. Alternatively, the POTW Director may develop such a plan for any user.

(b) All SIUs are required to notify the POTW immediately of any changes at its facility affecting the potential for spills and other accidental discharge, discharge of a non-routine, episodic nature, a non-customary batch discharge, or a slug load. Also see Sections 5.5 and 5.6.

(c) An accidental discharge/slug control plan shall address, at a minimum, the following:

- (1) Description of discharge practices, including non-routine batch discharges;
- (2) Description of stored chemicals;
- (3) Procedures for immediately notifying the POTW Director of any accidental or slug discharge, as required by section 5.6 of this ordinance; and
- (4) Procedures to prevent adverse impact from any accidental or slug discharge. Such procedures include, but are not limited to, inspection and maintenance of storage areas, handling and transfer of materials, loading and unloading operations, control of plant site runoff, worker training, building of containment structures or equipment, measures for containing toxic organic pollutants, including solvents, and/or measures and equipment for emergency response.

## 2.16 Hauled Wastewater

- (a) Septic tank waste may be introduced into the POTW only at locations designated by the POTW Director, and at such times as are established by the POTW Director. Such waste shall not violate section 2 of this ordinance or any other requirements established by the Authority. The POTW Director may require septic tank waste haulers to obtain wastewater discharge permits. The POTW Director may also prohibit the disposal of septic tank waste.
- (b) The POTW Director shall require haulers of industrial waste to obtain wastewater discharge permits. The POTW Director may require generators of hauled industrial waste to obtain wastewater discharge permits. The POTW Director also may prohibit the disposal of hauled industrial waste. The discharge of hauled industrial waste is subject to all other requirements of this ordinance.
- (c) Industrial waste haulers may discharge loads only at locations designated by the POTW Director. No load may be discharged without prior consent of the POTW Director. The POTW Director may collect samples of each hauled load to ensure compliance with applicable standards. The POTW Director may require the industrial waste hauler to provide a waste analysis of any load prior to discharge.
- (d) Industrial waste haulers must provide a waste-tracking form for every load. This form shall include, at a minimum, the name and address of the industrial waste hauler, permit number, truck identification, names and addresses of sources of waste, and volume and characteristics of waste. The form shall identify the type of industry, known or suspected waste constituents, and whether any wastes are RCRA hazardous wastes.

## SECTION 3 - FEES

### 3.1 Purpose

It is the purpose of this chapter to provide for the recovery of costs from users of the wastewater disposal system of the Authority for the implementation of the program established herein. The applicable charges or fees shall be set forth in a schedule of sewer use charges and fees by the POTW Director and approved by the Authority Board. A copy of these charges and fees will be made available from the POTW Director.

### 3.2 User Charges

A user charge shall be levied on all users including, but not limited to, persons, firms, corporations or governmental entities that discharge, cause or permit the discharge of sewage into the POTW.

- (a) The user charge shall reflect, at least, the cost of debt service, operation and maintenance (including replacement) of the POTW.
- (b) Each user shall pay its proportionate cost based on volume of flow.

- (c) The Manager of the Authority shall review annually the sewage contributions of users, the total costs of debt service, operation and maintenance of the POTW and will make recommendations to the governing board of the Authority (the "Board") for adjustments in the schedule of charges and fees as necessary.
- (d) Charges for flow to the POTW not directly attributable to the users shall be distributed among all users of the POTW based upon the volume of flow of the users.

**3.3 Surcharges:** The amount of the surcharges will be based upon the volume of flow and the character and concentration of the constituents of the wastewater:

- (a) The volume of flow used in determining the total discharge of wastewater for payment of user charges and surcharges shall be based on the following:
  - (1) Metered water consumption as shown in the records of meter readings maintained by the Authority; or
  - (2) If required by the Authority or at the individual discharger's option, other flow monitoring devices which measure the actual volume of wastewater discharged to the sewer. Such devices shall be accessible and safely located, and the measuring system shall be installed in accordance with plans approved by the Authority. The metering system shall be installed and maintained at the user's expense according to arrangements that may be made with the Authority.
  - (3) Where any user procures all or part of his water supply from sources other than the Authority, the user shall install and maintain at his own expense, a flow measuring device of a type approved by the Authority.
- (b) The character and concentration of the constituents of the wastewater used in determining surcharges shall be determined by samples collected and analyzed by the Authority. Samples shall be collected in such a manner as to be representative of the actual discharge and shall be analyzed using procedures set forth in 40 CFR Part 136.
- (c) The determination of the character and concentration of the constituents of the wastewater discharge by the POTW Director or his duly appointed representatives shall be binding as a basis for charges.

#### **3.4 Pretreatment Program Administration Charges**

The schedule of charges and fees adopted by the Authority may include charges and fees for:

- (a) Reimbursement of costs of setting up and operating the Pretreatment Program;
- (b) Monitoring, inspections and surveillance procedures;
- (c) Reviewing slug control plans, including accidental and/or slug load discharge procedures and construction plans and specifications;
- (d) Permitting;
- (e) Other fees as the Authority may deem necessary to carry out the requirements of the Pretreatment Program.

### **SECTION 4**

#### **WASTEWATER DISCHARGE PERMIT APPLICATION AND ISSUANCE**

##### **4.1 Wastewater Dischargers**

It shall be unlawful for any person to connect or discharge to the POTW without first obtaining the permission of the Authority. When requested by the POTW Director, a user must submit information on the nature and characteristics of its wastewater within thirty (30) days of the request. The POTW Director is authorized to prepare a form for this purpose and may periodically require users to update this information.

##### **4.2 Wastewater Permits**

All significant industrial users shall obtain a significant industrial user permit prior to the commencement of discharge to the POTW. Existing industrial users who are determined by the POTW Director to be significant industrial users shall obtain a significant industrial user permit within 180 days of receiving notification of the POTW Director's determination. Industrial users who do not fit the significant industrial user criteria may at the discretion of the POTW Director be required to obtain a wastewater discharge permit for non-significant industrial users.

(a) Significant Industrial User Determination

All persons proposing to discharge non-domestic wastewater, or proposing to change the volume or characteristics of an existing discharge of non-domestic wastewater shall request from the POTW Director a significant industrial user determination. If the POTW Director determines or suspects that the proposed discharge fits the significant industrial user criteria he will require that a significant industrial user permit application be filed.

(b) Significant Industrial User Permit Application

Users required to obtain a significant industrial user permit shall complete and file with the Authority, an application in the form prescribed by the POTW Director, and accompanied by an application fee in the amount prescribed in the schedule of charges and fees. Significant industrial users shall apply for a significant industrial user permit within 90 days after notification of the POTW Director's determination in **4.2(a)** above. The application shall include at a minimum the information required by 15A NCAC 02H 0.0916 (c) (1) (A-M). In support of the application, the user shall submit any other information deemed necessary by the POTW Director to evaluate the permit application. This may include reporting requirements under 40 CFR 403.12 (b) and Section 5.1 of this Ordinance.

- (1) Name, address, and location of industrial user (if different from the address);
- (2) Standard Industrial Classification (SIC) codes for pretreatment, the industry as a whole, and any processes for which categorical pretreatment standards have been promulgated;
- (3) Analytical data on wastewater constituents and characteristics including but not limited to those mentioned in section 2 of this ordinance, any of the priority pollutants (section 307(a) of the Act) which the applicant knows or suspects are present in the discharge as determined by a reliable analytical laboratory, and any other pollutant of concern to the POTW; sampling and analysis shall be performed in accordance with procedures established by the EPA pursuant to section 304(g) of the Act and contained in 40 CFR, Part 136, as amended; and as required in Section 5.10 and 5.11;
- (4) Time and duration of the indirect discharge;
- (5) Average daily and 30 minute peak wastewater flow rates, including daily, monthly and seasonal variations if any;
- (6) Site plans, floor plans, mechanical and plumbing plans and details to show all sewers, floor drains, sewer connections, direction of flow and appurtenances by the size, location and elevation;
- (7) Description of activities, facilities and plant processes on the premises including all materials which are or could be accidentally or intentionally discharged;
- (8) Where known, the nature and concentration of any pollutants in the discharge which are limited by any Authority, State, or Federal Pretreatment Standards, and a statement regarding whether or not the pretreatment standards are being met on a consistent basis and if not, whether additional operation and maintenance (O&M) and/or additional pretreatment is required for the user to meet applicable pretreatment standards;
- (9) If additional pretreatment and/or O&M will be required to meet the pretreatment standards; the shortest schedule by which the user will provide such additional pretreatment. The completion date in this schedule shall not be longer than the compliance date established for the applicable pretreatment standard. The following conditions apply to this schedule:
  - (i) The schedule shall contain progress increments in the form of dates for the commencement and completion of major events leading to the construction and operation of additional pretreatment required for the user to meet the applicable pretreatment standards. No increment in the schedule shall exceed nine (9) months.

- (ii) No later than 14 days following each date in the schedule and the final date for compliance, the user shall submit a progress report to the POTW Director including, at a minimum, whether or not it complied with the increment of progress, the reason for any delay, and if appropriate, the steps being taken by the user to return to the established schedule. In no event shall more than nine (9) months elapse between such progress reports to the POTW Director.
  - (10) Each product produced by type, amount, process or processes and rate of production;
  - (11) Type and amount of raw materials processed (average and maximum per day);
  - (12) Number and type of employees, and hours of operation of plant and proposed or actual hours of operation of pretreatment system;
  - (13) If subject to a categorical standard, a baseline monitoring report in accordance with 40 CFR 403.12(b) and 15A NCAC 2H .0908(a), as outlined in section 5.1 of this ordinance.
  - (14) Any other information as may be deemed by the POTW Director to be necessary to evaluate the permit application.
- (c) **Application Signatories and Certification**  
 All wastewater discharge permit applications and user reports must be signed by the current authorized representative of the user on file with the Control Authority and/or Municipality as defined in Section 1.2(a)(4) and contain the following certification statement:
- “I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.”
- (d) **Application Review And Evaluation**  
 The POTW Director will evaluate the data furnished by the user and may require additional information.
- (1) The POTW Director is authorized to accept applications for the Authority and shall refer all applications to the POTW staff for review and evaluation.
  - (2) Within 30 days of receipt the POTW Director shall acknowledge and accept the complete application; or if not complete, shall return the application to the applicant with a statement of what additional information is required.
- (e) **Tentative Determination and Draft Permit**
- (1) The POTW staff shall conduct a review of the application and an on-site inspection of the significant industrial user, including any pretreatment facilities, and shall prepare a written evaluation and tentative determination to issue or deny the significant industrial user permit.
  - (2) If the staff's tentative determination in Paragraph (1) above is to issue the permit, the following additional determinations shall be made in writing:
    - (i) proposed discharge limitations for those pollutants proposed to be limited;
    - (ii) a proposed schedule of compliance, including interim dates and requirements, for meeting the proposed limitations; and
    - (iii) a brief description of any other proposed special conditions which will have significant impact upon the discharge described in the application.
  - (3) The staff shall organize the determinations made pursuant to Paragraphs (1) and (2) above and the general permit conditions of the Authority into a significant industrial user permit.
- (f) **Permit supporting documentation.** The control Authority staff shall prepare the following documents for all Significant Industrial User permits.

- (1) An allocation table (AT) listing permit information for all Significant Industrial Users, including but not limited to permit limits, permit effective and expiration dates, and a comparison of total permitted flows and loads with Division approved maximum allowable loadings of the POTW, including flow, on forms or in a format approved by the Division. The AT shall be updated as permits are issued or renewed, and as permits are modified where the permitted limits or other AT information is revised.
  
- (2) The basis, or rationale, for the pretreatment limitations, including the following:
  - (A) Documentation of categorical determination, including documentation of any calculations used in applying categorical pretreatment standards; and
  - (B) Documentation of the rationale of any parameters for which monitoring has been waived under 40 CFR Part 403.12 (e) (2)
  
- (g) Final Action on Significant Industrial User Permit Applications
  - (1) The POTW Director shall take final action on all applications not later than 90 days following receipt of a complete application.
  - (2) The POTW Director is authorized to:
    - (A) Issue a significant industrial user permit; containing such conditions as are necessary to effectuate the purposes of this ordinance and N.C.G.S. 143-215.1;
    - (B) Issue a significant industrial user permit; containing time schedules for achieving compliance with applicable pretreatment standards and requirements;
    - (C) Modify any permit upon not less than 60 days notice and pursuant to section **4.2(i)** of this ordinance;
    - (D) Revoke any permit pursuant to section **8.1** of this ordinance;
    - (E) Suspend a permit pursuant to section **8.1** of this Ordinance;
    - (F) deny a permit application when in the opinion of the POTW Director such discharge may cause or contribute to pass-through or interference of the wastewater treatment plant or where necessary to effectuate the purposes of G.S. 143-215.1.
  
- (h) Permit Modification
  - (1) Modifications of permits shall be subject to the same procedural requirements as the issuance of permits except as listed below. Any changes or new conditions in the permit shall include a reasonable time schedule for compliance
    - (A) Changes in the ownership of the discharge when no other change in the permit is indicated,
    - (B) A single modification of any compliance schedule not in excess of four months,
    - (C) Modification of compliance schedules (construction schedules) in permits for new sources where the new source will not begin to discharge until control facilities are operational.
  - (2) Within 9 months of the promulgation of a National categorical pretreatment standard, the wastewater discharge permit of users subject to such standards shall be revised to require compliance with such standard within the time frame prescribed by such standard. Where a user, subject to a National categorical pretreatment standard, has not previously submitted an application for a wastewater discharge permit as required by section **4.2(b)**, the user shall apply for a wastewater discharge permit within 180 days after the promulgation of the applicable National categorical pretreatment standard.
  - (3) A request for a modification by the permittee shall constitute a waiver of the 60-day notice required by G.S. 143-215.1(b) for modifications.

- (i) Permit Conditions
- (1) The POTW Director shall have the authority to grant a permit with such conditions attached as he believes necessary to achieve the purpose of this ordinance and N.C.G.S. 143-215.1. Wastewater permits shall contain, but are not limited to, the following:
- (A) A statement of duration (in no case more than five years);
  - (B) A statement of non-transferability;
  - (C) Applicable effluent limits based on categorical standards or local limits or both;
  - (D) Applicable monitoring, sampling, reporting, notification, and record keeping requirements. These requirements shall include an identification of pollutants to be monitored, sampling location, sampling frequency, and sample type based on Federal, State and local law;
  - (E) Requirements for notifying the POTW in the event of an accidental discharge or slug load as defined in Section **1.2(a)(72)**;
  - (F) requirements to implement a Plan or other controls for prevention of accidental discharges and/or slug loads as defined in Section **1.2(a)(72)**, if determined by the **POTW Director** to be necessary for the User and,
  - (G) Requirements for immediately notifying the POTW of any changes at its facility, affecting the potential for spills and other accidental discharges, or slug load as defined in: **1.2(a)(72)**. Also see Sections **5.5 and 5.6**;
  - (H) A statement of applicable civil and/or criminal penalties for violation of pretreatment standards and requirements and any applicable compliance schedule.
- (2) In addition, permits may contain, but are not limited to, the following:
- (A) Limits on the average and/or maximum rate of discharge, and/or requirements for flow regulation and equalization.
  - (B) Limits on the instantaneous, daily and monthly average and/or maximum concentration, mass, or other measure of identified wastewater pollutants or properties.
  - (C) Requirements for the installation of pretreatment technology or construction of appropriate containment devices, etc., designed to reduce, eliminate, or prevent the introduction of pollutants into the treatment works.
  - (D) Development and implementation of waste minimization plans to reduce the amount of pollutants discharged to the municipal wastewater system.
  - (E) The unit charge or schedule of user charges and fees for the management of the wastewater discharged to the system.
  - (F) Requirements for installation and maintenance of inspection and sampling facilities and equipment.
  - (G) Specifications for monitoring programs which may include sampling locations, frequency of sampling, number, types, and standards for tests, and reporting schedules.
  - (H) Requirements for immediate reporting of any instance of noncompliance and for automatic resampling and reporting within thirty (30) days where self-monitoring indicates a violation(s).
  - (I) Compliance schedules for meeting pretreatment standards and requirements.
  - (J) Requirements for submission of periodic self-monitoring or special notification reports.
  - (K) Requirements for maintaining and retaining plans and records relating to wastewater discharges as specified in section **5.13** and affording the POTW Director, or his representatives, access thereto.
  - (L) Requirements for prior notification and approval by the POTW Director of any new introduction of wastewater pollutants or of any significant change in the volume or character of the wastewater prior to introduction in the system.
  - (M) Requirements for the prior notification and approval by the POTW Director of any change in the manufacturing and/or pretreatment process used by the permittee.
  - (N) A statement that compliance with the permit does not relieve the permittee of responsibility for compliance with all applicable Federal and State pretreatment standards, including those which become effective during the terms of the permit.

- (O) Other conditions as deemed appropriate by the POTW Director to ensure compliance with this ordinance, and State and Federal laws, rules, and regulations.
- (j) **Permit Duration**  
Permits shall be issued for a specified time period, not to exceed five (5) years. A permit may be issued for a period less than a year or may be stated to expire on a specific date.
- (k) **Permit Transfer**  
Wastewater permits are issued to a specific user for a specific operation. A wastewater discharge permit shall not be reassigned or transferred or sold to a new owner, new user, different premises, or a new or changed operation.
- (l) **Permit Reissuance**  
A significant industrial user shall apply for permit reissuance by submitting a complete permit application in accordance with section 4.2 a minimum of 180 days prior to the expiration of the existing permit.

## SECTION 5 - REPORTING REQUIREMENTS

### 5.1 Baseline Monitoring Reports

- (a) Within either one hundred eighty (180) days after the effective date of a categorical pretreatment standard, or the final administrative decision on a category determination under 40 CFR 403.6(a)(4), whichever is later, existing categorical users currently discharging to or scheduled to discharge to the POTW shall submit to the POTW Director a report which contains the information listed in paragraph (b), below. At least ninety (90) days prior to commencement of their discharge, new sources, and sources that become categorical users subsequent to the promulgation of an applicable categorical standard, shall submit to the POTW Director a report which contains the information listed in paragraph (b), below. A new source shall report the method of pretreatment it intends to use to meet applicable categorical standards. A new source also shall give estimates of its anticipated flow and quantity of pollutants to be discharged.
- (b) Users described above shall submit the information set forth below.
  - (1) **Identifying Information.** The name and address of the facility: including the name of the operator and owner.
  - (2) **Environmental Permits.** A list of any environmental control permits held by or for the facility.
  - (3) **Description of Operations.** A brief description of the nature, average rate of production, and standard industrial classifications of the operation(s) carried out by such user. This description should include a schematic process diagram which indicates points of discharge to the POTW from the regulated processes.
  - (4) **Flow Measurement.** Information showing the measured average daily and maximum daily flow, in gallons per day, to the POTW from regulated process streams and other streams, as necessary, to allow use of the combined waste stream formula set out in 40 CFR 403,6(e).
  - (5) **Measurement of Pollutants.**
    - (A) The categorical pretreatment standards applicable to each regulated process.
    - (B) The results of sampling and analysis identifying the nature and concentration, and/or mass, where required by the standard or by the POTW Director, of regulated pollutants in the discharge from each regulated process. Instantaneous, daily maximum, and long-term average concentrations, or mass, where required, shall be reported. The sample shall be representative of daily operations and shall be analyzed in accordance with procedures set out in section 5.10 of this ordinance.
    - (C) Sampling must be performed in accordance with procedures set out in section 5.11 of this ordinance and 40 CFR 403.12(b) and (g), including 40 CFR 403.12(g)(4).
  - (6) **Certification.** A statement, reviewed by the user's current authorized representative as defined in Section [1.2(a)(4)] and certified by a qualified professional, indicating whether pretreatment standards are being met on a consistent basis, and, if not, whether additional

operation and maintenance (O&M) and/or additional pretreatment is required to meet the pretreatment standards and requirements.

- (7) Compliance Schedule. If additional pretreatment and/or O&M will be required to meet the pretreatment standards, the shortest schedule by which the user will provide such additional pretreatment and/or O&M. The completion date in this schedule shall not be later than the compliance date established for the applicable pretreatment standard. A compliance schedule pursuant to this section must meet the requirements set out in section 5.2 of this ordinance.
- (8) Signature and Certification. All baseline monitoring reports must be signed and certified in accordance with section 4.2(c) of this ordinance.

### **5.2 Compliance Schedule Progress Reports**

The following conditions shall apply to the compliance schedule required by section 5.1(b)(7) of this ordinance:

- (a) The schedule shall contain progress increments in the form of dates for the commencement and completion of major events leading to the construction and operation of additional pretreatment required for the user to meet the applicable pretreatment standards (such events include, but are not limited to , hiring an engineer, completing preliminary and final plans, executing contracts for major components, commencing and completing construction, and beginning and conducting routine operation);
- (b) No increment referred to above shall exceed nine (9) months;
- (c) The user shall submit a progress report to the POTW Director no later than fourteen (14) days following each date in the schedule and the final date of compliance including, as a minimum, whether or not it complied with the increment of progress, the reason for any delay, and, if appropriate, the steps being taken by the user to return to the established schedule; and
- (d) In no event shall more than nine (9) months elapse between such progress reports to the POTW Director.

### **5.3 Reports on Compliance with Categorical Pretreatment Standard, Deadline**

Within ninety (90) days following the date for final compliance with applicable categorical pretreatment standards, or in the case of a new source following commencement of the introduction of wastewater into the POTW, any user subject to such pretreatment standards and requirements shall submit to the POTW Director a report containing the information described in section 5.1(b)(4-6) of this ordinance. For users subject to equivalent mass or concentration limits established in accordance with the procedures in 40 CFR 403.6(c), this report shall contain a reasonable measure of the user's long-term production rate. For all other users subject to categorical pretreatment standards expressed in terms of allowable pollutant discharge per unit of production (or other measure of operation), this report shall include the user's actual production during the appropriate sampling period. All compliance reports must be signed and certified in accordance with section 4.2(c) of this ordinance.

### **5.4 Periodic Compliance Reports**

Municipalities may sample and analyze user discharges in lieu of requiring the users to conduct sampling and analysis.

- (a) All significant industrial users shall, at a frequency determined by the POTW Director but in no case less than once every six months, submit a report indicating the nature and concentration of pollutants in the discharge which are limited by pretreatment standards and the applicable flows for the reporting period. Sampling and analysis must be performed in accordance with procedures set out in section 5.10 and 5.11 of this ordinance. All periodic compliance reports must be signed and certified in accordance with section 4.2(c) of this ordinance.
- (b) If a user subject to the reporting requirement in this section monitors any pollutant more frequently than required by the [POTW Director], using the procedures prescribed in section 5.10 and 5.11 of this ordinance, the results of this monitoring shall be included in the report.

### **5.5 Reports of Changed Conditions**

Each user must notify the POTW Director of any planned significant changes to the user's operations or system which might alter the nature, quality, or volume of its wastewater at least thirty (30) days before the change. The permittee shall not begin the changes until receiving written approval from the Control Authority and/or Municipality. See Section 5.6(d) for other reporting requirements.

- (a) The POTW Director may require the user to submit such information as may be deemed necessary to evaluate the changed condition, including the submission of a wastewater discharge permit application under section 4.2 of this ordinance.
- (b) The POTW Director may issue a wastewater discharge permit under section 4.2 of this ordinance or modify an existing wastewater discharge permit under section 4.2 of this ordinance in response to changed conditions or anticipated changed conditions.
- (c) For purposes of this requirement, significant changes include, but are not limited to, flow or pollutant increases of twenty percent (20 %) or greater, and the discharge of any previously unreported pollutants. (increases or decreases to production; increases in discharge of previously reported pollutants; discharge of pollutants not previously reported to the Control Authority and/or Municipality; new or changed product lines; new or changed manufacturing processes and/or chemicals; or new or changed customers.)

### **5.6 Reports of Potential Problems**

- (a) In the case of any discharge, including, but not limited to, accidental discharges, discharges of a non-routine, episodic nature, a non-customary batch discharge, or a slug load as defined in Section 1.2(a)(72), that may cause potential problems for the POTW, the user shall immediately telephone and notify the POTW Director of the incident. This notification shall include the location of the discharge, type of waste, concentration and volume, if known, and corrective actions taken by the user.
- (b) Within five (5) days following such discharge, the user shall, unless waived by the POTW Director, submit a detailed written report describing the cause(s) of the discharge and the measures to be taken by the user to prevent similar future occurrences. Such notification shall not relieve the user of any expense, loss, damage, or other liability which may be incurred as a result of damage to the POTW, natural resources, or any other damage to person or property; nor shall such notification relieve the user of any fines, penalties, or other liability which may be imposed pursuant to this ordinance.
- (c) A notice shall be permanently posted on the user's bulletin board or other prominent place advising employees who to call in the event of a discharge described in paragraph (a), above. Employers shall ensure that all employees, who may cause such a discharge to occur, are advised of the emergency notification procedure.
- (d) All SIUs are required to notify the POTW immediately of any changes at its facility affecting the potential for spills and other accidental discharge, discharge of a non-routine, episodic nature, a non-customary batch discharge, or a slug load as defined in Section 1.2(a)(72).

### **5.7 Reports from Un-permitted Users**

All users not required to obtain a wastewater discharge permit shall provide appropriate reports to the POTW Director as the POTW Director may require.

### **5.8 Notice of Violation/Repeat Sampling and Reporting**

- (a) If sampling performed by a user indicates a violation, the user must notify the POTW Director within twenty-four (24) hours of becoming aware of the violation. The user shall also repeat the sampling and analysis and submit the results of the repeat analysis to the POTW Director within thirty (30) days after becoming aware of the violation. If allowed by the POTW Director, the user is not required to resample:
  - (1) if the POTW Director monitors at the user's facility at least once a month; or

- (2) if the POTW Director samples between the user's initial sampling and when the user receives the results of this sampling.
- (b) If the POTW Director has performed the sampling and analysis in lieu of the industrial user and the POTW sampling of the user indicates a violation, the POTW Director shall repeat the sampling and obtain the results of the repeat analysis within thirty (30) days after becoming aware of the violations, unless one of the following occurs:
  - (1) the POTW Director monitors at the user's facility at least once a month; or
  - (2) the POTW Director samples the user between their initial sampling and when the POTW receives the results of this initial sampling; or
  - (3) the POTW Director requires the user to perform sampling and submit the results to the POTW Director within the 30 day deadline of the POTW becoming aware of the violation.

### 5.9 Notification of the Discharge of Hazardous Waste

The Authority prohibits the discharge of any hazardous wastes without notification and approval of the POTW Director.

- (a) Any user who commences the discharge of hazardous waste shall notify the POTW, the EPA Regional Waste Management Division Director, and State hazardous waste authorities, in writing, of any discharge into the POTW of a substance which, if otherwise disposed of, would be a hazardous waste under 40 CFR Part 261. Such notification must include the name of the hazardous waste as set forth in 40 CFR Part 261, the EPA hazardous waste number, and the type of discharge (continuous, batch, or other). If the user discharges more than one hundred (100) kilograms of such waste per calendar month to the POTW, the notification also shall contain the following information to the extent such information is known and readily available to the user: an identification of the hazardous constituents contained in the wastes, an estimation of the mass and concentration of such constituents in the waste stream discharge during the calendar month, and an estimation of the mass and concentration of such constituents in the waste stream expected to be discharged during the following twelve (12) months. All notifications must take place no later than one hundred and eighty (180) days before the discharge commences. The user shall not begin the discharge until receiving written approval from the Authority. Any notification under this paragraph need be submitted only once for each hazardous waste discharge. However, notifications of changed conditions must be submitted under section 5.5 of this ordinance. The notification requirement in this section does not apply to pollutants already reported by users subject to categorical pretreatment standards under the self-monitoring requirements of sections 5.1, 5.3, and 5.4 of this ordinance.
- (b) Dischargers are exempt from the requirements of paragraph (a), above, during a calendar month in which they discharge no more than fifteen (15) kilograms of hazardous wastes, unless the wastes are acute hazardous wastes as specific in 40 CFR 261.30(d) and 261.33(e). Discharge of more than fifteen (15) kilograms of non-acute hazardous wastes in a calendar month, or of any quantity of acute hazardous wastes as specified in 40 CFR 261.30(d) and 261.33(e), requires a one-time notification. Subsequent months during which the user discharges more than such quantities of any hazardous waste do not require additional notification.
- (c) In the case of any new regulation under section 3001 of RCRA identifying additional characteristics of hazardous waste or listing any additional substance as a hazardous waste, the user must notify the POTW Director, the EPA Regional Waste Management Waste Division Director, and State hazardous waste authorities of the discharge of such substance within ninety (90) days of the effective date of such regulations.
- (d) In the case of any notification made under this section, the user shall certify that it has a program in place to reduce the volume and toxicity of hazardous wastes generated to the degree it has determined to be economically practical.
- (e) This provision does not create a right to discharge any substance not otherwise permitted to be discharged by this ordinance, a permit issued thereunder, or any applicable Federal or State law.

### **5.10 Analytical Requirements**

All pollutant analyses, including sampling techniques, to be submitted as part of a wastewater discharge permit application or report shall be performed by a laboratory certified by the state to perform the wastewater analysis in accordance with the techniques prescribed in 40 CFR Part 136, unless otherwise specified in an applicable categorical pretreatment standard or unless otherwise performed in accordance with procedures approved by EPA or the Authority. If 40 CFR Part 136 does not contain sampling or analytical techniques for the pollutant in question, sampling and analyses must be performed in accordance with procedures approved by EPA the Authority. Analyses must be performed by a State certified lab for each parameter analyzed, if such certification exists for that parameter.

### **5.11 Grab and Composite Sample Collection**

- (a) All wastewater samples must be representative of the user's discharge. Wastewater monitoring and flow measurement facilities shall be properly operated, kept clean, and maintained in good working order at all times. The failure of a user to keep its monitoring facility in good working order shall not be grounds for the user to claim that sample results are unrepresentative of its discharge.
- (b) Grab Samples must be used for pH, cyanide, total phenols, oil and grease, sulfide, volatile organic compounds, and any other pollutants as required by 40 CFR 136. The POTW shall determine the number of grabs necessary to be representative of the User's discharge. See 40 CFR 403.12(g)(5) for additional grab sample number requirements for BMR and 90 Day Compliance Reports. Additionally, the POTW Director may allow collection of multiple grabs during a 24 hour period which are composited prior to analysis as allowed under 40 CFR 136.
- (c) Composite Samples: All wastewater composite samples shall be collected with a minimum of hourly aliquots or grabs for each hour that there is a discharge. All wastewater composite samples shall be collected using flow proportional composite collection techniques, unless time-proportional composite sampling or grab sampling is authorized by the POTW Director. When authorizing time-proportional composites or grabs, the samples must be representative and the decision to allow the alternative sampling must be documented.

### **5.12 Timing**

Written reports will be deemed to have been submitted on the date postmarked. For reports which are not mailed, postage prepaid, into a mail facility serviced by the United States Postal Service, the date of receipt of the report shall govern.

### **5.13 Record Keeping**

Users subject to the reporting requirements of this ordinance shall retain, and make available for inspection and copying, all records of information obtained pursuant to any monitoring activities required by this ordinance and any additional records of information obtained pursuant to monitoring activities undertaken by the user independent of such requirements. Records shall include the date, exact place, method, and time of sampling, and the name of the person(s) taking the samples; the dates analyses were performed; who performed the analyses; the analytical techniques or methods used; and the results of such analyses. These records shall remain available for a period of at least three (3) years. This period shall be automatically extended for the duration of any litigation concerning the user or the Authority, or where the user has been specifically notified of a longer retention period by the POTW Director.

### **5.14 Electronic Reporting**

The POTW Director may develop procedures for receipt of electronic reports for any reporting requirements of this Ordinance. Such procedures shall comply with 40 CFR Part 3. These procedures shall be enforceable under Section 8 of this Ordinance.

## **SECTION 6 - COMPLIANCE MONITORING**

### **6.1 Monitoring Facilities**

The Authority requires the user to provide and operate at the user's own expense, monitoring facilities to allow inspection, sampling, and flow measurement of the building sewer and/or internal drainage systems. The monitoring facility should normally be situated on the user's premises, but the Authority may, when such a location would be impractical or cause undue hardship on the user, allow the facility to be constructed in the public street or sidewalk area and located so that it will not be obstructed by landscaping or parked vehicles.

There shall be ample room in or near such sampling manhole or facility to allow accurate sampling and preparation of samples for analysis. The facility, sampling, and measuring equipment shall be maintained at all times in a safe and proper operating condition at the expense of the user.

Whether constructed on public or private property, the sampling and monitoring facilities shall be provided in accordance with the requirements of the Authority and all applicable local construction standards and specifications. Construction shall be completed within 90 days following written notification by the Authority.

### **6.2 Inspection and Sampling**

The Authority will inspect the facilities of any user to ascertain whether the purpose of this ordinance is being met and all requirements are being complied with. Persons or occupants of premises where wastewater is created or discharged shall allow the Authority, approval authority and EPA or their representative ready access at all reasonable times to all parts of the premises for the purposes of inspection, sampling, records examination and copying or in the performance of any of their duties. The Authority, approval authority and EPA shall have the right to set up on the user's property such devices as are necessary to conduct sampling, inspection, compliance monitoring and/or metering operations. Where a user has security measures in force which would require proper identification and clearance before entry into their premises, the user shall make necessary arrangements with their security guards so that upon presentation of suitable identification, personnel from the Authority, approval authority and EPA will be permitted to enter, without delay, for the purposes of performing their specific responsibilities. Denial of the Authority's, approval authority's, or EPA's access to the user's premises shall be a violation of this ordinance. Unreasonable delays may constitute denial of access.

### **6.3 Search Warrants**

If the Authority, approval authority, or EPA has been refused access to a building, structure, or property, or any part thereof, and is able to demonstrate probable cause to believe that there may be a violation of this ordinance, or that there is a need to inspect and/or sample as part of a routine inspection and sampling program of the Authority designed to verify compliance with this ordinance or any permit or order issued hereunder, or to protect the overall public health, safety and welfare of the community, then the POTW Director, approval authority, or EPA may seek issuance of a search warrant from the court having jurisdiction within the Authority.

## **SECTION 7 - CONFIDENTIAL INFORMATION**

Information and data on a user obtained from reports, questionnaires, permit applications, permits and monitoring programs and from inspections shall be available to the public or other governmental agency without restriction unless the user specifically requests and is able to demonstrate to the satisfaction of the POTW Director that the release of such information would divulge information, processes or methods of production entitled to protection as trade secrets of the user. Any such request must be asserted at the time of submission of the information or data.

When requested by the person furnishing a report, the portions of a report which might disclose trade secrets or secret processes shall not be made available for inspection by the public, but shall be made

available upon written request to governmental agencies for uses related to this ordinance, the National Pollutant Discharge Elimination System (NPDES) Permit, Non-discharge permit and/or the pretreatment programs; provided, however, that such portions of a report shall be available for use by the State or any state agency in judicial review or enforcement proceedings involving the person furnishing the report. Wastewater constituents and characteristics will not be recognized as confidential information.

All records relating to compliance with Pretreatment Standards shall be made available to officials of the approval authority and EPA upon request.

## **SECTION 8 - ENFORCEMENT**

### **8.1 Administrative Remedies**

#### **(a) Notification of Violation**

Whenever the POTW Director finds that any industrial user has violated or is violating this Ordinance, wastewater permit, or any prohibition, limitation or requirements contained therein or any other pretreatment requirement the POTW Director may serve upon such a person a written notice stating the nature of the violation. Within 30 days from the date of this notice, an explanation for the violation and a plan for the satisfactory correction thereof shall be submitted to the Authority by the user. Submission of this plan does not relieve the discharger of liability for any violations occurring before or after receipt of the notice of violation.

#### **(b) Consent Orders**

The POTW Director is hereby empowered to enter into consent orders, assurances of voluntary compliance, or other similar documents establishing an agreement with the person responsible for the noncompliance. Such orders will include specific action to be taken by the discharger to correct the noncompliance within a time period also specified by the order. Consent orders shall have the same force and effect as an administrative order issued pursuant to section **8.1(d)**, below.

#### **(c) Show Cause Hearing**

The POTW Director may order any industrial user who causes or is responsible for an unauthorized discharge, has violated this ordinance or is in noncompliance with a wastewater discharge permit to show the cause why a proposed enforcement action should not be taken. In the event the POTW Director determines that a show cause order should be issued, a notice shall be served on the user specifying the time and place for the hearing, the proposed enforcement action, the reasons for such action, and a request that the user show cause why this proposed enforcement action should not be taken. The notice of the hearing shall be served personally or by registered or certified mail (return receipt requested) at least ten (10) days before the hearing. Service may be made on any agent or officer of a corporation.

The POTW Director shall review the evidence presented at the hearing and determine whether the proposed enforcement action is appropriate.

A show cause hearing under this section is not a prerequisite to the assessment of a civil penalty under section **8.2** nor is any action or inaction taken by the POTW Director under this section subject to an administrative appeal under section **10**.

#### **(d) Administrative Orders**

When the POTW Director finds that an industrial user has violated or continues to violate this ordinance, permits or orders issued hereunder, or any other pretreatment requirement the POTW Director may issue an order to cease and desist all such violations and direct those persons in noncompliance to do any of the following:

- (1) Immediately comply with all requirements;
  - (2) Comply in accordance with a compliance time schedule set forth in the order;
  - (3) Take appropriate remedial or preventive action in the event of a continuing or threatened violation;
  - (4) Disconnect unless adequate treatment facilities, devices or other related appurtenances are installed and properly operated within a specified time period.
- (e) Emergency Suspensions

The POTW Director may suspend the wastewater treatment service and/or wastewater permit when such suspension is necessary in order to stop an actual or threatened discharge which presents or may present an imminent or substantial endangerment to the health or welfare of persons or the environment, interferes with the POTW or causes the POTW to violate any condition of its NPDES or Non-discharge permit.

Any user notified of a suspension of the wastewater treatment service and/or the wastewater permit shall immediately stop or eliminate the contribution. A hearing will be held within 15 days of the notice of suspension to determine whether the suspension may be lifted or the user's waste discharge permit terminated. In the event of a failure to comply voluntarily with the suspension order, the POTW Director shall take such steps as deemed necessary including immediate severance of the sewer connection, to prevent or minimize damage to the POTW system or endangerment to any individuals. The POTW Director shall reinstate the wastewater permit and the wastewater treatment service upon proof of the elimination of the noncompliant discharge. The industrial user shall submit a detailed written statement describing the causes of the harmful contribution and the measures taken to prevent any future occurrence to the POTW Director prior to the date of the above-described hearing.

- (f) Termination Of Permit or Permission to Discharge

The **POTW Director** may revoke a wastewater discharge permit or permission to discharge for good cause, including, but not limited to, the following reasons:

- (1) Failure to accurately report the wastewater constituents and characteristics of his discharge;
- (2) Failure to report significant changes in operations, or wastewater constituents and characteristics;
- (3) Refusal of reasonable access to the user's premises for the purpose of inspection or monitoring; or,
- (4) Violation of conditions of the permit or permission to discharge, conditions of this ordinance, or any applicable State and Federal regulations.

Noncompliant industrial users will be notified of the proposed termination of their wastewater permit and will be offered an opportunity to show cause under section **8.1** of this ordinance why the proposed action should not be taken.

## 8.2 Civil Penalties

- (a) Any user who is found to have failed to comply with any provision of this ordinance, or the orders, rules, regulations and permits issued hereunder, may be assessed a civil penalty of up to twenty-five thousand dollars (\$25,000) per day per violation.
  1. Penalties between \$10,000 and \$25,000 per day per violation may be assessed against a violator only if:

- (A) For any class of violation, only if a civil penalty has been imposed against the violator within the five years preceding the violation, or
  - (B) In the case of failure to file, submit, or make available, as the case may be, any documents, data, or reports required by this ordinance, or the orders, rules, regulations and permits issued hereunder, only if the POTW Director determines that the violation was intentional and a civil penalty has been imposed against the violator within the five years preceding the violation.
- (b) In determining the amount of the civil penalty, the POTW Director shall consider the following:
- (1) The degree and extent of the harm to the natural resources, to the public health, or to public or private property resulting from the violation;
  - (2) The duration and gravity of the violation;
  - (3) The effect on ground or surface water quantity or quality or on air quality;
  - (4) The cost of rectifying the damage;
  - (5) The amount of money saved by noncompliance;
  - (6) Whether the violation was committed willfully or intentionally;
  - (7) The prior record of the violator in complying or failing to comply with the pretreatment program;
  - (8) The costs of enforcement to the Authority.
- (c) Appeals of civil penalties assessed in accordance with this section shall be as provided in section 10.

### 8.3 Other Available Remedies

Remedies, in addition to those previously mentioned in this ordinance, are available to the POTW Director who may use any single one or combination against a noncompliant user. Additional available remedies include, but are not limited to:

- (a) Criminal Violations.

The District Attorney for the applicable Judicial District may, at the request of the Authority, prosecute noncompliant users who violate the provisions of N.C.G.S. 143-215.6B. [Note: Under North Carolina law, it is a crime to negligently violate any term, condition, or requirement of a pretreatment permit, or negligently fail to apply for a pretreatment permit, issued by local governments (G.S. 143-215.6B(f)), to knowingly and willfully violate any term, condition, or requirement of a pretreatment permit, or knowingly and willfully fail to apply for a pretreatment permit, issued by local governments (G.S. 143-215.6B(g)), to knowingly violate any term, condition, or requirement of a pretreatment permit issued by local governments, or knowingly fail to apply for a pretreatment permit, knowing at the time that a person is placed in imminent danger of death or serious bodily injury, (G.S. 143-215.6B(h)), and to falsify information required under Article 21 of Chapter 143 of the General Statutes (G.S. 143-215.6B(i)).

- (b) Injunctive Relief

Whenever a user is in violation of the provisions of this ordinance or an order or permit issued hereunder, the POTW Director, through the Authority's Attorney, may petition the Superior Court of Justice for the issuance of a restraining order or a preliminary and permanent injunction which restrains or compels the activities in question.

- (c) Water Supply Severance

Whenever an industrial user is in violation of the provisions of this ordinance or an order or permit issued hereunder, water service to the industrial user may be severed and service will only recommence, at the user's expense, after it has satisfactorily demonstrated ability to comply.

(d) Public Nuisances

Any violation of the prohibitions or effluent limitations of this ordinance or of a permit or order issued hereunder, is hereby declared a public nuisance and shall be corrected or abated as directed by the POTW Director. Any person(s) creating a public nuisance shall be subject to the provisions of the appropriate ordinances of the Authority governing such nuisances, including reimbursing the POTW for any costs incurred in removing, abating or remedying said nuisance.

**8.4 Remedies Nonexclusive**

The remedies provided for in this ordinance are not exclusive. The POTW Director may take any, all, or any combination of these actions against a noncompliant user. Enforcement of pretreatment violations will generally be in accordance with the Authority's enforcement response plan. However, the POTW Director may take other action against any user when the circumstances warrant. Further, the POTW Director is empowered to take more than one enforcement action against any noncompliant user.

**SECTION 9 - ANNUAL PUBLICATION OF SIGNIFICANT NONCOMPLIANCE**

At least annually, the POTW Director shall publish in a newspaper of general circulation that provides meaningful public notice within the jurisdiction(s) served by the POTW, a list of those industrial users which were found to be in significant noncompliance, also referred to as reportable noncompliance, in 15A NCAC 2H .0903(b) (34), with applicable pretreatment standards and requirements, during the previous 12 months.

**SECTION 10 – ADJUDICATORY HEARINGS**

Hearings: The local government may conduct hearings in accordance with its regular hearing procedure.

- (a) Adjudicatory Hearing. An applicant whose permit is denied, or is granted subject to conditions he deems unacceptable, a permittee/user assessed a civil penalty under section **8.2**, or one issued an administrative order under section **8.1** shall have the right to an adjudicatory hearing before the POTW Director or other hearing officer appointed by the POTW Director upon making written demand, identifying the specific issues to be contested, to the POTW Director within 30 days following receipt of the significant industrial user permit, civil penalty assessment, or administrative order. Unless such written demand is made within the time specified herein, the action shall be final and binding and further appeal is barred. For modified permits, only those parts of the permit being modified may be adjudicated.

The hearing officer shall make a final decision on contested penalties within 45 days of the receipt of the written demand for a hearing.

The POTW Director shall transmit a copy of the officer's decision by registered or certified mail as described in paragraph (c) below. The terms and conditions of a permit under appeal shall be as follows:

- (1) New Permits. Upon appeal, including judicial review in the General Courts of Justice, of the terms or conditions of a newly issued permit, the terms and conditions of the entire permit are stayed and the permit is not in effect until either the conclusion of judicial review or until the parties reach a mutual resolution.
- (2) Renewed Permits. Upon appeal, including judicial review in the General Courts of Justice, of the terms or conditions of a renewed permit, the terms and conditions of the existing permit remain in effect until either the conclusion of judicial review or until the parties reach a mutual resolution.

- (3) Terminated Permits. Upon appeal, including judicial review in the General Courts of Justice, of a terminated permit, no permit is in effect until either the conclusion of judicial review or until the parties reach a mutual resolution.
- (b) Final Appeal Hearing. Any decision of a hearing officer made as a result of an adjudicatory hearing held under paragraph (a) above may be appealed, to the Board upon filing a written demand within 10 days of receipt of notice of the decision. Hearings held under this Subdivision shall be conducted in accordance with Local hearing procedures. Failure to make written demand within the time specified herein shall bar further appeal. The Council or Board serving the Authority shall make a final decision on the appeal within 90 days from receipt of the demand filed under paragraph (a) and shall transmit a written copy of its decision by registered or certified mail as described in paragraph (c) below. The decision is a final decision for the purposes of seeking judicial review.
- (c) Official record. When a final decision is issued under paragraph (b) above, the Board shall prepare an official record of the case that includes:
  - (1) All notices, motions, and other like pleadings;
  - (2) A copy of all documentary evidence introduced;
  - (3) A certified transcript of all testimony taken, if testimony is transcribed. If testimony, is taken and not transcribed, then a narrative summary of any testimony taken.
  - (4) A copy of the final decision of the Council or Board serving the Authority.
- (4) Judicial Review. Any person against whom a final order or decision of the Board is entered, pursuant to the hearing conducted under paragraph (b) above, may seek judicial review of the order or decision by filing a written request for review by the **Superior Court of Granville County** within 30 days after receipt of notice by registered or certified mail of the order or decision, but not thereafter, along with a copy to the Authority. Within 30 days after receipt of the copy of the written request for review by the Court, the Board shall transmit to the reviewing court the original or a certified copy of the official record.

## SECTION 11 - AFFIRMATIVE DEFENSES TO DISCHARGE VIOLATIONS

### 11.1 Upset

- (a) An upset shall constitute an affirmative defense to an action brought for noncompliance with categorical pretreatment standards if the requirements of paragraph (b), below, are met.
- (b) A user who wishes to establish the affirmative defense of upset shall demonstrate, through properly signed, contemporaneous operating logs, or other relevant evidence that:
  - (1) An upset occurred and the user can identify the cause(s) of the upset;
  - (2) The facility was at the time being operated in a prudent and workman-like manner and in compliance with applicable operation and maintenance procedures; and
  - (3) The user has submitted the following information to the POTW Director within twenty-four (24) hours of becoming aware of the upset [if this information is provided orally, a written submission must be provided within five (5) days]:
    - (A) A description of the indirect discharge and cause of noncompliance;
    - (B) The period of noncompliance, including exact dates and times or, if not corrected, the anticipated time the noncompliance is expected to continue; and
    - (C) Steps being taken and/or planned to reduce; eliminate and prevent recurrence of the noncompliance.
- (c) In any enforcement proceeding, the user seeking to establish the occurrence of an upset shall have the burden of proof.

- (d) Users will have the opportunity for a judicial determination on any claim of upset only in an enforcement action brought for noncompliance with categorical pretreatment standards.
- (e) Users shall control production of all discharges to the extent necessary to maintain compliance with categorical pretreatment standards upon reduction, loss, or failure of its treatment facility until the facility is restored or an alternative method of treatment is provided. This requirement applies in the situation where, among other things, the primary source of power of the treatment facility is reduced, lost, or fails.

### **11.2 Prohibited Discharge Standards Defense**

A user shall have an affirmative defense to an enforcement action brought against it for noncompliance with the general prohibitions in section 2.7 (a) of this ordinance or the specific prohibitions in sections 2.7(b)(2), (3), and (5 - 7) of this ordinance if it can prove that it did not know, or have reason to know, that its discharge, alone or in conjunction with discharges from other sources, would cause pass through or interference and that either:

- (a) A local limit exists for each pollutant discharged and the user was in compliance with each limit directly prior to, and during, the pass through or interference; or
- (b) No local limit exists, but the discharge did not change substantially in nature or constituents from the user's prior discharge when the Authority was regularly in compliance with its NPDES permit, and in the case of interference, was in compliance with applicable sludge use or disposal requirements.

### **11.3 Bypass**

- (a) A user may allow any bypass to occur which does not cause pretreatment standards or requirements to be violated, but only if it also is for essential maintenance to assure efficient operation. These bypasses are not subject to the provision of paragraphs (b) and (c) of this section.
- (b)
  - (1) If a user knows in advance of the need for a bypass, it shall submit prior notice to the POTW Director, at least ten (10) days before the date of the bypass, if possible.
  - (2) A user shall submit oral notice to the POTW Director of an unanticipated bypass that exceeds applicable pretreatment standards within twenty-four (24) hours from the time it becomes aware of the bypass. A written submission shall also be provided within five (5) days of this time the user becomes aware of the bypass. The written submission shall contain a description of the bypass and its cause; the duration of the bypass, including exact dates and times, and, if the bypass has not been corrected, the anticipated time it is expected to continue; and steps taken or planned to reduce, eliminate, and prevent reoccurrence of the bypass. The POTW Director may waive the written report on a case-by-case basis if the oral report has been received within twenty-four (24) hours.
- (c)
  - (1) Bypass is prohibited, and the POTW Director may take an enforcement action against a user for a bypass, unless
    - (A) Bypass was unavoidable to prevent loss of life, personal injury, or severe property damage;
    - (B) There were no feasible alternatives to the bypass, such as the use of auxiliary treatment facilities, retention of untreated wastes, or maintenance during normal periods of equipment downtime. This condition is not satisfied if adequate back-up equipment should have been installed in the exercise of reasonable engineering judgment to prevent a bypass which occurred during normal periods of equipment downtime or preventive maintenance; and
    - (C) The user submitted notices as required under paragraph (b) of this section.

- (2) The POTW Director may approve an anticipated bypass, after considering its adverse effects, if the POTW Director determines that it will meet the three conditions listed in paragraph (c)(1) of this section.

**SECTION 12 - SEVERABILITY**

If any provision, paragraph, word, section or article of this ordinance is invalidated by any court of competent jurisdiction, the remaining provisions, paragraphs, words, sections, and chapters shall not be affected and shall continue in full force and effect.

**SECTION 13 - CONFLICT**

All other ordinances and parts of other ordinances inconsistent or conflicting with any part of this ordinance are hereby repealed to the extent of such inconsistency or conflict.

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**SECTION 14 - EFFECTIVE DATE**

This ordinance shall be in full force and effect on the 9<sup>th</sup> day of July, 2013

INTRODUCED the 14<sup>th</sup> day of MAY, 2013.

FIRST READING: May 14, 2013.

SECOND READING: July 9, 2013.

PASSED this 9<sup>th</sup> day of July, 2013.

AYES: 3

NAYS: 0

ABSENT: 1

NOT VOTING:

APPROVED this 9<sup>th</sup> day of July, 2013.



Thomas W. Lane, Board Chair,  
South Granville Water and Sewer Authority

ATTEST:

  
Lindsay L. Mize, Acting Secretary

Published the 9<sup>th</sup> day of July, 2013.

