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SECTION I - 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 Town of Valdese and enables the town to comply with 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 into the municipal wastewater system which will interfere with the operation of the system or contaminate the resulting sludge;
- (b) To prevent the introduction of pollutants 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 wastewater treatment 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 and 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 town 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 the 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. Except as otherwise provided herein, the Pretreatment Director shall administer, implement, and enforce the provisions of this ordinance. Any powers granted to the Pretreatment Director may be delegated by the Pretreatment Director to other Town personnel. By discharging wastewater into the municipal wastewater system, industrial users located outside the Town limits agree to comply with the terms and conditions established in this ordinance, as well as with 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) Approval Authority. The Director of the Division Of Water Quality of the North Carolina Department of Environment and Natural Resources.
 - (3) An authorized representative of the industrial user may be:
 - (i) A principle executive officer of at least the level of vice president, if the industrial user is a corporation.
 - (ii) A general partner or proprietor if the industrial user is a partnership or proprietorship, respectively.
 - (iii) A duly authorized representative of the individual designated above if such representative is responsible for the overall operation of the facilities from which the discharge to the POTW originates.
 - (iv) A director or the highest official appointed or designated to oversee the operation and performance of the activities of the government facility, or his designee, if the industrial user is a federal, state or local facility.
 - (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 the Pretreatment Director prior to or together with any reports to be signed by an authorized representative.
 - (4) Biochemical Oxygen Demand (BOD). The quantity of oxygen used 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)
 - (5) Building Sewer. A sewer conveying wastewater from the premises of a user to the POTW.
 - (6) Bypass. The intentional diversion of wastestreams from any portion of a user's treatment facility.

- (7) Categorical Pretreatment Standards. Regulations promulgated by the State of North Carolina or local agencies or by the EPA in accordance with Section 307(b) and (1) of the Act and designated as national categorical pretreatment standards or pretreatment standard.
- (8) Environmental Protection Agency, or EPA. 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.
- (9) Grab Sample. A sample which is taken from a wastestream on a one-time basis, without regard to the flow in the wastestream and over a period of time not to exceed 15 minutes.
- (10) Hauled Wastewater. Any waste transported by a moving vehicle, such as a septic tank hauler, to a disposal site.
- (11) Holding Tank Waste. 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.
- (12) Indirect Discharge or Discharge. The discharge or the introduction of waste from any non-domestic 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).
- (13) Industrial User or User. Any user of a publicly owned treatment works identified in the U.S. "Standard Industrial Classification Manual, 1972," or latest revision under the following divisions:
 - Division A - Agriculture, Forestry, and Fishing.
 - Division B - Mining.
 - Division D - Manufacturing.
 - Division E - Transportation, Communication, Electric, Gas, and Sanitary Services.
 - Division I - Services.
 - Division J - Public Administration.
 - Division K – Non-classifiable establishments.
- (14) Interference. The inhibition or disruption of the POTW treatment processes, operations or its sludge process, use, or disposal, which causes or contributes to a violation of any requirement of the POTW's NPDES 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.

- (15) Medical Waste. Isolation wastes, infectious agents, human blood and blood products, pathological wastes, sharps, body pans, contaminated bedding, surgical wastes, potentially contaminated laboratory wastes, and dialysis wastes.
- (16) National Categorical Pretreatment Standard or Categorical Standard. 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.
- (17) National Prohibitive Discharge Standard or Prohibitive Discharge Standard. Absolute prohibitions against the discharge of certain substances; these prohibitions appear in section 2.1 of this ordinance and are developed under the authority of 307(b) of the Act and 40 CFR, section 403.5.
- (18) New Source.
 - (i) 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.

- (ii) 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.
 - (iii) 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.
- (19) 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.
- (20) National Pollutant 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.
- (21) Non-discharge Permit. A disposal system permit issued by the State pursuant to N.C.G.S.143-215.1.

- (22) 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 POTW's NPDES or Non-discharge Permit, or a downstream water quality standard.
- (23) 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.
- (24) 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.
- (25) 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, BOD, COD, toxicity, or odor).
- (26) POTW Treatment Plant. That portion of the POTW designed to provide treatment to wastewater.
- (27) 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. The reduction or alteration can be obtained by physical, chemical or biological processes, or process changes or other means, except by diluting the concentration of the pollutants unless allowed by an applicable pretreatment standard.
- (28) Pretreatment Director. The Town administrator designated with the responsibility for the pretreatment program and enforcement of the Sewer Use Ordinance.
- (29) Pretreatment Program. The program for the control of pollutants introduced into the POTW from non-domestic sources which was developed by the Town 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.
- (30) Pretreatment Requirements. Any substantive or procedural requirement related to pretreatment, other than a pretreatment standard.

- (31) Pretreatment Standards. Prohibited discharge standards, categorical standards, and local limits.
- (32) 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 Town. 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 Town who are, by contract or agreement with the Town, or in any other way, users of the Town's POTW.
- (33) Sewage. 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.
- (34) 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.
- (35) Significant Industrial User. Any industrial user of the wastewater disposal system who meets the requirements established in 15A NCAC 2H.0903 and who:
- (i) has an average daily process wastewater flow of 25,000 gallons or more, or
 - (ii) contributes more than 5% of any design or treatment capacity (i.e., allowable pollutant load) of the wastewater treatment plant receiving the indirect discharge, or
 - (iii) is required to meet a National categorical pretreatment standard, or
 - (iv) is found by the Town, the Division Of Water Quality or the U.S. Environmental Protection Agency, (EPA) to have the potential for impact, either singly or in combination with other contributing industrial users, on the wastewater treatment system, the quality of sludge, the system's effluent quality, or compliance with any pretreatment standards or requirements.

- (36) Significant Noncompliance or Reportable Noncompliance. A status of noncompliance defined as follows:
- (i) Violations of wastewater discharge limits.
 - A. Chronic Violations. Sixty-six percent or more of the measurements exceed (by any magnitude) the same daily maximum limit or the same average limit in a six-month period.
 - B. Technical Review Criteria (TRC) violations. Thirty-three percent or more of the measurements are equal to or greater than the TRC times the limit (maximum or average) in a six-month period. There are two groups of TRC's:
For conventional pollutants
BOD, TSS, fats, oil and grease TRC -- 1.4
For all other pollutants TRC -- 1.2
 - C. Any other violation(s) of an effluent limit (average or daily maximum) that the control authority believes has caused, alone or in combination with other discharges, interference or pass-through; or endangered the health of the sewage treatment plant personnel or the public.
 - D. Any discharge of a pollutant that has caused imminent endangerment to human health/welfare or to the environment or has resulted in the POTW's exercise of its emergency authority to halt or prevent such a discharge.
 - (ii) 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.
 - (iii) Failure to provide reports for compliance schedule, self-monitoring data, baseline monitoring reports, 90-day compliance reports, and periodic compliance reports within 30 days from the due date.
 - (iv) Failure to accurately report noncompliance.
 - (v) Any other violation or group of violations that the control authority considers to be significant.

- (37) 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 section 2.1 of this ordinance.
- (38) 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.
- (39) Storm Water. Any flow occurring during or following any form of natural precipitation and resulting there from.
- (40) Superintendent. The person designated by the Town 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.
- (41) 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.
- (42) 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.
- (43) 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.
- (44) Wastewater Permit. As set forth in section 4.2 of this ordinance.
- (45) Waters of the State. All streams, lakes, ponds, marshes, watercourse, waterways, wells, springs, reservoirs, aquifers, irrigation systems, drainage systems 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.

This ordinance is gender neutral and the masculine gender shall include the feminine and vice-versa. Shall is mandatory; may is permissive or discretionary. 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.

(b) 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.A.C. - North Carolina Administrative Code
- (10) N.C.G.S. - North Carolina General Statutes
- (11) NPDES - National Pollution Discharge Elimination System
- (12) O & M - Operation and Maintenance
- (13) POTW - Publicly-Owned Treatment Works
- (14) RCRA - Resource Conservation and Recovery Act
- (15) SIC - Standard Industrial Classification
- (16) SWDA - Solid Waste Disposal Act
- (17) TSS - Total Suspended Solids
- (18) TKN - Total Kjeldahl Nitrogen
- (19) U.S.C. - United States Code.

SECTION 2 - GENERAL SEWER USE REQUIREMENTS

2.1 Prohibited Discharge Standards

- (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, wastestreams 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 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.
- (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 is not 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 Pretreatment 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, non-contact cooling water and unpolluted industrial wastewater, unless specifically authorized by the Pretreatment Director.
- (14) Fats, oils, or greases of animal or vegetable origin in concentrations greater than three hundred (300) mg/l.
- (15) Any sludges, screenings or other residues from the pretreatment of industrial wastes.
- (16) Any medical wastes, except as specifically authorized by the Pretreatment 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 Pretreatment 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) Any wastes causing two successive readings on an explosion hazard meter at the point of discharge into the system (or at any point in the system) of more than five percent (5%) or which causes any single reading ten percent (10%) of higher than 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 Pretreatment Director determines that a user 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 Pretreatment Director shall:

- 1) advise the user 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.

2.2 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 Pretreatment 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 Pretreatment Director shall impose an alternate limit using the combined wastestream 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.

2.3 Local Limits

To implement the general and average discharge prohibitions listed in this ordinance, industrial user-specific discharge limits will be developed ensuring that the POTW's maximum allowable headworks loading is not exceeded for particular pollutants of concern for each industrial user. Where specific local limits are not contained for a given parameter or pollutant in an industrial user permit, the following limits will apply to all users:

250	mg/1	BOD
250	mg/1	TSS
25	mg/1	NH3
0.003	mg/1	arsenic
0.003	mg/1	cadmium
0.061	mg/1	copper
0.015	mg/1	cyanide
0.049	mg/1	lead
0.0003	mg/1	mercury
0.021	mg/1	nickel
0.005	mg/1	silver
0.05	mg/1	total chromium
0.175	mg/1	zinc

Industrial user-specific discharge limits for appropriate pollutants of concern shall be included in wastewater permits and are considered pretreatment standards. The Pretreatment Director may impose mass limits in addition to, or in place of, the concentration-based limits above.

2.4 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.

2.5 Right of Revision

The Town 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 2.1 of this ordinance, as is allowed by 40 CFR 403.4.

2.6 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 other pollutant-specific limitation developed by the Town or State.

2. 7 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 2.1 of this ordinance within the time limitations as specified by EPA, the State, or the Pretreatment 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 Town for review, and shall be approved by the Pretreatment 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 Town 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 Pretreatment Director prior to the user's initiation of the changes.

b) Additional Pretreatment Measures

1. Whenever deemed necessary, the Pretreatment 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 take such other actions as may be necessary to protect the POTW and enable the Pretreatment Director to determine whether the user is complying with the requirements of this ordinance.
2. The Pretreatment Director may require any person discharging into the POTW to install and maintain, on his property and at his 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 Pretreatment 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 Pretreatment 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 his expense.
4. Users with the potential to discharge flammable substances may be required to install and maintain an approved combustible gas detection meter.

2.8 Accidental Discharge/Slug Control Plans

- (A) At least once every two (2) years, the Pretreatment Director shall evaluate whether each significant industrial user needs a plan to control and prevent slug discharges and accidental discharges as defined in Section 1.2(a)(37). All SIU's must be evaluated within one year of being designated an SIU. The Pretreatment Director may require any user to develop, submit for approval and implement such a plan.
- (B) All SIUs are required to notify the POTW immediately of any changes at its facility affecting the potential nature 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) Alternatively, the Pretreatment Director may develop such a plan for any user. 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 Pretreatment 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.

2.9 Hauled Wastewater

Hauled Wastewater is prohibited.

SECTION 3 - FEES

3.1 Purpose

The town shall adopt, at least annually, an adequate schedule of user charges and surcharges and tap fees to defray the cost of administering, operating and maintaining the wastewater disposal system. The costs to be used as a basis for determining the charges shall include, but are not necessarily limited to, administration, direct operation and maintenance, collection and billing of charges, bond redemption, studies and reports, professional fees, repairs, capital improvements

and cost of service line connections. The user charges, surcharges and tap fees are to be used only for the purpose of administering, operating, and maintaining the wastewater disposal system, and shall be published on a form for public distribution and notice and shall become Appendix A and B of this chapter upon adoption and public notification. The current fees and charges schedule shall continue in effect until revised by the Town.

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 Town Manager shall review annually the sewage contributions of users, the total costs of debt service, operation and maintenance of the POTW and make recommendations to the Town Council 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

An industrial user of the POTW whose wastes exceed the limitations established by Section 2.3 of this ordinance is in the discretion of the Town of Valdese Town Council subject to an industrial waste surcharge as set forth in Appendix A to this chapter.

- (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 Town; or
 - (2) If required by the Town or at the individual dischargers' 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 Town. The metering system shall be installed and maintained at the user's expense according to arrangements that may be made with the Town.

(3) Where any user procures all or part of his water supply from sources other than the Town, the user shall install and maintain at his own expense a flow measuring device of a type approved by the Town.

(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 Town. 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 Pretreatment 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 Town 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 Town may deem necessary to carry out the requirements of the Pretreatment Program.

3.5 Partial payments of bills

Partial payments toward a bill covering recycling, sewage and water services are to be applied among these services in the following order:

(a) Recycling services;

(b) Sewage services; and

(c) Water services.

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 Town of Valdese. When requested by the Pretreatment Director, a user must submit information on the nature and characteristics of its wastewater within ninety (90) days of the request. The Pretreatment 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 Pretreatment Director to be significant industrial users shall obtain a significant industrial user permit within 180 days of receiving notification of the Pretreatment Director's determination. Industrial users who do not fit the significant industrial user criteria may at the discretion of the Pretreatment 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 Pretreatment Director a significant industrial user determination. If the Pretreatment 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 Town an application in the form prescribed by the Pretreatment 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 Pretreatment Director's determination in 4.2(a) above. In support of the application, the user shall submit, in units and terms appropriate for evaluation, the following information:

- (1) Name, address, and location, (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 Town, 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 Pretreatment 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 Pretreatment 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 Pretreatment 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 an authorized representative of the user on file with the Control Authority and/or Municipality as defined in Section 1.2(a)(3) 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 Pretreatment Director will evaluate the data furnished by the user and may require additional information.

- (1) The Pretreatment Director is authorized to accept applications for the Town and shall refer all applications to the POTW staff for review and evaluation.
- (2) Within 30 days of receipt the Pretreatment 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 Town's general permit conditions into a significant industrial user permit.

(f) Permit Synopsis

A fact sheet providing a brief synopsis of the application shall be prepared by the POTW staff for submission to the applicant and the approval authority and shall be made available to the public upon request. The contents of such fact sheets shall include at least the following information:

- (1) a sketch and detailed description of the industrial facilities and pretreatment facilities including the location of all points of discharge to the POTW and all established compliance monitoring points.
- (2) a quantitative description of the discharge described in the application which includes at least the following:
 - (i) the rate or frequency of the proposed discharge and, if the discharge is continuous, the average daily flow;
 - (ii) the actual average daily discharge in pounds per day of any limited pollutant and any pollutant identified in the application as known or suspected present; and,
 - (iii) the basis for the pretreatment limitations including the documentation of any calculations in applying categorical pretreatment standards.

(g) Final Action On Significant Industrial User Permit Applications

- (1) The Pretreatment Director shall take final action on all applications not later than 90 days following receipt of a complete application.
- (2) The Pretreatment Director is authorized to:
 - (i) 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;
 - (ii) issue a significant industrial user permit containing time schedules for achieving compliance with applicable pretreatment standards and requirements;
 - (iii) modify any permit upon not less than 60 days notice and pursuant to section 4.2(i) of this ordinance;
 - (iv) revoke any permit pursuant to section 8.1 of this ordinance;
 - (v) suspend a permit pursuant to section 8.1 of this ordinance;
 - (vi) deny a permit application when in the opinion of the Pretreatment 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) Hearings

- (1) Initial 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 a hearing officer designated by the POTW Director upon making written demand, identifying the specific issues to be contested, to the Pretreatment 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. The hearing officer shall make a final decision on the contested permit, penalty, or order within 45 days of the receipt of the written demand for a hearing. The POTW Director shall transmit a copy of the hearing officer's decision by registered or certified mail.
 - (i) New Permits. Upon appeal, including judicial review in the General Court 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.

- (ii) Renewed Permits. Upon appeal, including judicial review in the General Court of Justice, of the terms or conditions of a renewed permit, the terms and conditions of the existing permit shall remain in effect until either the conclusion of judicial review or until the parties reach a mutual resolution.
- (2) Final Appeal Hearing. Any decision of a hearing officer made as a result of an adjudicatory hearing held under section 4.2(h)(1) above may be appealed to the Town Council upon filing a written demand within 10 days of receipt of notice of the decision. Failure to make written demand within the time specified herein shall bar further appeal. The Town Council shall make a final decision on the appeal within 90 days of the date the appeal was filed and shall transmit a written copy of its decision by registered or certified mail.
- (3) Official record. When a final decision is issued under section 4.2(h)(2) above, the Town Council shall prepare an official record of the case that includes:
 - (i) All notices, motions, and other like pleadings;
 - (ii) A copy of all documentary evidence introduced;
 - (iii) 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.
 - (iv) A copy of the final decision of Town Council.
- (4) Judicial Review. Any person against whom a final order or decision of the Town Council is entered pursuant to the hearing conducted under section 4.2(h)(2) above may seek judicial review of the order or decision by filing a written petition within 30 days after receipt of notice by registered or certified mail of the order or decision, but not thereafter, with the Superior Court of Burke County with a copy to the Town. Within 30 days after receipt of the copy of the petition of judicial review, the Town Council shall transmit to the reviewing court the original or a certified copy of the official record.

(i) 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.
 - (i) changes in the ownership of the discharge when no other change in the permit is indicated,
 - (ii) a single modification of any compliance schedule not in excess of four months,
 - (iii) 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.

(j) Permit Conditions

(1) The Pretreatment Director shall have the authority to grant a permit with such conditions attached as he believes necessary to achieve the purposes of this ordinance and N.C.G.S. 143-215.1. Wastewater permits shall contain, but are not limited to, the following:

(i) a statement of duration (in no case more than five years);

(ii) a statement of non-transferability;

(iii) applicable effluent limits based on categorical standards or local limits or both;

(iv) 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;

(v) notification requirements for slug loads as defined in Section 1.2(a)(37)

(vi) requirements to implement a Plan or other controls for prevention of accidental discharges and/or slug loads as defined in Section 1.2(a)(37), if determined by the Pretreatment Coordinator to be necessary to the User and,

(vii) 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 Section 1.2(a)(37). Also see Sections 5.5 and 5.6.

(viii) a statement of applicable civil and 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:

- (i) Limits on the average and/or maximum rate of discharge, and/or requirements for flow regulation and equalization.
- (ii) Limits on the instantaneous, daily and monthly average and/or maximum concentration, mass, or other measure of identified wastewater pollutants or properties.
- (iii) 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.
- (iv) Development and implementation of waste minimization plans to reduce the amount of pollutants discharged to the municipal wastewater system.
- (v) The unit charge or schedule of user charges and fees for the management of the wastewater discharged to the system.
- (vi) Requirements for installation and maintenance of inspection and sampling facilities and equipment.
- (vii) Specifications for monitoring programs which may include sampling locations, frequency of sampling, number, types, and standards for tests, and reporting schedules.
- (viii) Requirements for immediate reporting of any instance of noncompliance and for automatic re-sampling and reporting within thirty (30) days where self-monitoring indicates a violation(s).
- (ix) Compliance schedules for meeting pretreatment standards and requirements.
- (x) Requirements for submission of periodic self-monitoring or special notification reports.
- (xi) Requirements for maintaining and retaining plans and records relating to wastewater discharges as specified in section 5.13 and affording the Pretreatment Director, or his representatives, access thereto.
- (xii) Requirements for prior notification and approval by the Pretreatment 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.
- (xiii) Requirements for the prior notification and approval by the Pretreatment Director of any change in the manufacturing and/or pretreatment process

used by the permittee.

- (xiv) 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.
- (xv) Other conditions as deemed appropriate by the Pretreatment Director to ensure compliance with this ordinance, and State and Federal laws, rules, and regulations.

(k) Permits 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.

(l) 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.

(m) Permit Re-issuance

A significant industrial user shall apply for permit re-issuance 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 Pretreatment 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 Pretreatment 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 wastestream formula set out in 40 CFR 403.6(e).
- (5) Measurement of Pollutants as follows:
 - (i) The categorical pretreatment standards applicable to each regulated process.
 - (ii) The results of sampling and analysis identifying the nature and concentration and/or mass, where required by the standard or by the Pretreatment 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.
 - (iii) 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 authorized representative as defined in Section 1.2(a)(3) 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 Pretreatment 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 k 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 Pretreatment 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 Pretreatment 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 Pretreatment 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 Pretreatment 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 Pretreatment 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 ninety (90) days before the change. See Section 5.6(d) for other reporting requirements.

- (a) The Pretreatment 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 Pretreatment 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 increases of twenty percent (20%) or greater, and the discharge of any previously unreported pollutants.

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)(37), that may cause potential problems for the POTW, the user shall immediately notify the POTW Director of the incident in person or by telephone. 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)(37).

5.7 Reports from Un-permitted Users

All users not required to obtain a wastewater discharge permit shall provide appropriate reports to the Pretreatment Director as the Pretreatment 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 Pretreatment 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 Pretreatment Director within thirty (30) days after becoming aware of the violation. The user is not required to resample:
 - (i) if the Pretreatment Director monitors at the user's facility at least once a month, or
 - (ii) if the Pretreatment Director samples between the users initial sampling and when the user receives the results of this sampling.

- (B) If the Pretreatment Director does not require the user to perform any self-monitoring and the POTW sampling of the user indicates a violation, the Pretreatment 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:
- (i) the Pretreatment Director monitors at the users' facility at least once a month; or
 - (ii) the Pretreatment Director samples the user between their initial sampling and when the POTW receives the results of the initial sampling; or
 - (iii) The Pretreatment Director requires the user to perform sampling and submit the results to the Pretreatment Director within the 30 day deadline of the POTW becoming aware of the violation.

5.9 Discharge of Hazardous Waste

Discharge of hazardous waste is prohibited.

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 in accordance with the techniques prescribed in 40 CFR Part 136, unless otherwise specified in an applicable categorical pretreatment standard. 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.

5.11 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 pollutant 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 Pretreatment 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 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 Pretreatment 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 at 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(s) of the person(s) taking the samples, the dates analyses were performed, the name(s) of the person(s) 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 Town, or where the user has been specifically notified of a longer retention period by the Pretreatment Director.

SECTION 6 – COMPLIANCE MONITORING

6.1 Monitoring Facilities

The Town requires the user to provide and operate, at the user's 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 Town may, when such a location would be impractical or cause undue hardship to 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 Town's requirements and all applicable local construction standards and specifications. Construction shall be completed within 90 days following written notification by the Town.

6.2 Inspection and Sampling

The Town will inspect the facilities of any user to ascertain whether the user is complying with the requirements of this ordinance. Persons or occupants of premises where wastewater is created or discharged shall allow the Town, approval authority and EPA or their representative's access at all reasonable times to all parts of the premises for the purposes of inspection, sampling, records examination, copying and otherwise performing their duties. The Town, 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 his security guards so that upon presentation of suitable identification, personnel from the Town, approval authority and EPA will be permitted to enter, without delay, for the purposes of performing their specific responsibilities. Denial of the Pretreatment Director's, approval authority's, or EPA's access to the user's premises shall be a violation of this ordinance. Unreasonable delays in allowing entry and/or inspection shall constitute denial of access.

6.3 Search Warrants

If the Pretreatment Director, 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 Town 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 Pretreatment Director, approval authority, or EPA may seek issuance of a search warrant.

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 Pretreatment 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 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 Pretreatment 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 Pretreatment Director shall 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 of the violation shall be submitted by the user to the Town. 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 Pretreatment Director is hereby empowered to enter into consent orders, assurances of voluntary compliance, or other similar agreements with the person in noncompliance. Such orders and agreements 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 and voluntary compliance agreements shall have the same force and effect as an administrative order issued pursuant to section 8.1(d), below.

(c) Show Cause Hearing

The Pretreatment Director may order any industrial user who causes or is responsible for an unauthorized discharge or who has violated this ordinance or is in

noncompliance with a wastewater discharge permit to show cause why a proposed enforcement action should not be taken. In the event the Pretreatment 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 Pretreatment 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 Pretreatment Director under this section subject to an administrative appeal under section 4.2(h).

(d) Administrative Orders

When the Pretreatment 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 Pretreatment 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 this ordinance, the permits or orders issued under this ordinance and with all other applicable 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 from the sewer system unless adequate treatment facilities, devices or other related appurtenances are installed and properly operated within a specified time period.

Appeal of an administrative order issued in accordance with this section shall be as provided in 4.2(h).

(e) Emergency Suspensions

The Pretreatment 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 noncompliant contribution. A hearing will be held within 15 days of the notice of suspension to determine whether the suspension should be lifted or whether the user's waste discharge permit terminated. In the event of a failure to comply voluntarily with the suspension order, the Pretreatment 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 Pretreatment 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 Pretreatment Director prior to the date of the above-described hearing.

(f) Termination Of Permit or Permission to Discharge

The Pretreatment 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 fined up to twenty-five thousand dollars (\$25,000) per day per violation.
 - (i) 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 Pretreatment 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 Pretreatment Director shall consider the following:
 - (i) The degree and extent of the harm of natural resources, to the public health, or to public or private property resulting from violation;
 - (ii) The duration and gravity of the violation;
 - (iii) The effect on ground or surface water quantity or quality or on air quality;
 - (iv) The cost of rectifying the damage;
 - (v) The amount of money saved by non-compliance;
 - (vi) Whether the violation was committed willfully or intentionally;
 - (vii) The prior record of the violator in complying or failing to comply with the pretreatment program;
 - (viii) The costs of enforcement to the Town.
- (c) Appeals of civil penalties assessed in accordance with this section shall be as provided in section 4.2(h).

8.3 Other Available Remedies

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

(a) **Criminal Violations.** The District Attorney for the 25th Judicial District may, at the request of the Town, prosecute noncompliant users who violate the provisions of N.C.G.S. 143-215.6B.

(b) **Injunctive Relief**

Whenever a user is in violation of the provisions of this ordinance or an order or permit issued hereunder, the Pretreatment Director, through the Town Attorney, may petition the Superior Court of Burke County for the issuance of a temporary restraining order, a preliminary injunction and/or a 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 its 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 Pretreatment Director. Any person(s) creating a public nuisance shall be subject to the provisions of the GS160A-193 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 Pretreatment Director may take any, all, or any combination of enforcement actions against a noncompliant user. Enforcement of pretreatment violations will generally be in accordance with the Town's enforcement response plan. However, the Pretreatment Director may take other action against any user when the circumstances warrant.

SECTION 9 - ANNUAL PUBLICATION OF SIGNIFICANT NONCOMPLIANCE

At least annually, the Pretreatment Director shall publish in the largest daily newspaper circulated in the service area 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)(10), with applicable pretreatment standards and requirements during the prior 12 months.

SECTION 10 - AFFIRMATIVE DEFENSES TO DISCHARGES VIOLATIONS

10.1 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 must 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 workmanlike manner and in compliance with applicable operation and maintenance procedures; and
 - (3) The user submitted the following information to the Pretreatment Director orally within twenty-four (24) hours after becoming aware of the upset and in writing within five (5) days after the user became aware of the upset:
 - (i) A description of the indirect discharge and cause of noncompliance;
 - (ii) The period of noncompliance, including exact dates and times or, if not corrected, the anticipated time the noncompliance is expected to continue; and
 - (iii) 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) Each user shall control production of all discharges to the extent to maintain necessary 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.

10. 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 2.1 (a) of this ordinance or the specific prohibitions in sections 2.1(b)(2), (3), (5) through (7), and (9) through (23) 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 immediately 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 Town was regularly in compliance with its NPDES permit, and in the case of interference, was in compliance with applicable sludge use and disposal requirements.

10. 3 Bypass

- (a) Bypass is prohibited, and the Pretreatment Director may take an enforcement action against a user for a bypass unless:
 - (1) The bypass did not cause pretreatment standards or requirements to be violated and the bypass was necessary in order to perform essential maintenance to ensure efficient operation.
 - (2) Bypass was unavoidable to prevent loss of life, personal injury, or severe property damage.
 - (3) 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.
- (b) If a user knows in advance of the need for a bypass, it shall submit prior notice to the Pretreatment Director, at least ten (10) days before the date of the

bypass, if possible. The Pretreatment Director may approve the anticipated bypass after considering its adverse effects and determining whether it will meet any of the exceptions set forth in (a) above.

- (c) A user shall submit oral notice to the Pretreatment 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 Treatment Director may waive the written report on a case-by-case basis if the oral report has been received within twenty-four (24) hours.

SECTION 11 - 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 12 - 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.

SECTION 13 - EFFECTIVE DATE

This ordinance shall be in full force and effect on the _____ day of _____, 20____ .

INTRODUCED the _____ day of _____, 20____ .

FIRST READING: _____, 20____ .

SECOND READING: _____, 20____ .

PASSED this _____ day of _____, 20____ .

AYES:

NAYS:

ABSENT:

NOT VOTING:

APPROVED by me this _____ day of _____, 20____ .

MAYOR, TOWN OF _____

ATTEST: _____ (Seal) Town Clerk

Published the _____, day of _____, 20____ .