

# **APPENDIX 3**

Rules and Regulations for Waste Water Discharge

## **SECTION 1.**

### **INTRODUCTION**

#### **1.1 Purpose**

These regulations set the requirements of the Augusta County Service Authority with regard to discharges into publicly owned wastewater facilities and systems of the Augusta County Service Authority. The regulations are structured to comply with the Clean Water Act of 1972 as amended, the United States Environmental Protection Agency Pretreatment Regulations, Title 40 CFR (Part 403), State Regulation VR 680-14-10, Department of Environmental Quality, Augusta County Code (Chapter 24, Article III) and other applicable State or Federal laws. Compliance with these Rules and Regulations do not relieve any user from complying with other requirements of the local, State or Federal Government.

#### **1.2 Objectives**

To prevent the introduction of pollutants into a wastewater facility and/or system of the Augusta County Service Authority which will interfere with the operation of the system, contaminate resulting sludge or lead to a violation of the VPDES Permit requirement.

To prevent the introduction of pollutants into a wastewater facility and/or system of the Augusta County Service Authority which will pass through the system, inadequately treated, into receiving waters or the atmosphere or be incompatible with the system.

To allow the Augusta County Service Authority to produce a high quality effluent and sludge to meet all requirements of State and Federal Regulations.

#### **1.3 Severability**

The provisions of these Rules and Regulations are severable that is if any provision, paragraph, word, section or article of the Rules and Regulations 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.

#### **1.4 Conflict**

All rules and regulations and parts of rules and regulations inconsistent or conflicting with any part of the Rules and Regulations are hereby repealed to the extent of such inconsistency or conflict.

## 1.5 Incorporation of Federal Regulations

1. The following Federal Regulations are hereby incorporated by reference:
  - a. 40 CFR Section 403.6 (a)-(f) (2003) - National Pretreatment Standards: Categorical Standards.
  - b. 40 CFR Section 403.7 (2003) - Removal Credits.
  - c. 40 CFR Section 403.8 (b)-(e) (2003) - POTW Pretreatment Program development and implementation by POTW.
  - d. 40 CFR Part 136 (2003) - Guidelines for establishing test procedures for the analysis of pollutants.
  - e. 40 CFR Section 403.13 (2003) - Variance from Categorical Pretreatment Standards for Fundamentally Different Factors (FDF).
  - f. 40 CFR Section 403.15 (2003) - Net/Gross Calculations.
  - g. 40 CFR Section 403.17 (2003) - By-Pass.
  - h. 40 CFR Section 403.18 (2003) - Modifications to the POTW's Pretreatment Program.
  - i. These National Categorical Pretreatment Standards:
    - (1). Dairy Products Processing – 40 CFR Part 405 (2003)
    - (2). Grain Mills – 40 CFR Part 406 (2003)
    - (3). Canned and Preserved Fruits and Vegetables – 40 CFR Part 407 (2003)
    - (4). Canned and Preserved Seafood Processing – 40 CFR Part 408 (2003)
    - (5). Sugar Processing – 40 CFR Part 409 (2003)
    - (6). Textile Mills – 40 CFR Part 410 (2003)
    - (7). Cement Manufacturing – 40 CFR Part 411 (2003)
    - (8). Concentrated Animal Feeding Operations (CAFO) – 40 CFR Part 412 (2003)
    - (9). Electroplating – 40 CFR Part 413 (2003)
    - (10). Organic Chemicals, Plastics and Synthetic Fibers – 40 CFR Part 414 (2003)
    - (11). Inorganic Chemicals Manufacturing – 40 CFR Part 415 (2003)
    - (12). Soap and Detergent Manufacturing – 40 CFR Part 417 (2003)
    - (13). Fertilizer Manufacturing – 40 CFR Part 418 (2003)
    - (14). Petroleum Refining – 40 CFR Part 419 (2003)
    - (15). Iron and Steel Manufacturing – 40 CFR Part 420 (2003)
    - (16). Nonferrous Metals Manufacturing – 40 CFR Part 421 (2003)
    - (17). Phosphate Manufacturing – 40 CFR Part 422 (2003)
    - (18). Steam Electric Power Generation – 40 CFR Part 423 (2003)
    - (19). Ferroalloy Manufacturing – 40 CFR Part 424 (2003)
    - (20). Leather Tanning and Finishing – 40 CFR Part 425 (2003)
    - (21). Glass Manufacturing – 40 CFR Part 426 (2003)
    - (22). Asbestos Manufacturing – 40 CFR Part 427 (2003)

- (23). Rubber Manufacturing – 40 CFR Part 428 (2003)
- (24). Timber Products Processing – 40 CFR Part 429 (2003)
- (25). Pulp, Paper, and Paperboard – 40 CFR Part 430 (2003)
- (26). Meat Products – 40 CFR Part 432 (2003)
- (27). Metal Finishing – 40 CFR Part 433 (2003)
- (28). Coal Mining – 40 CFT Part 434 (2003)
- (29). Oil and Gas Extraction – 40 CFR Part 435 (2003)
- (30). Mineral Mining and Processing – 40 CFR Part 436 (2003)
- (31). Centralized Waste Treatment – 40 CFR Part 437 (2003)
- (32). Metal Products and Machinery – 40 CFR Part 438 (2003)
- (33). Pharmaceutical Manufacturing – 40 CFR Part 439 (2003)
- (34). Ore Mining and Dressing – 40 CFR Part 440 (2003)
- (35). Transportation Equipment Cleaning – 40 CFR Part 442 (2003)
- (36). Paving and Roofing Materials (tars and asphalt) – 40 CFR 443 (2003)
- (37). Waste Combustors – 40 CFR Part 444 (2003)
- (38). Landfills – 40 CFR Part 445 (2003)
- (39). Paint Formulating – 40 CFR Part 446 (2003)
- (40). Ink Formulating – 40 CFR Part 447 (2003)
- (41). Gum and Wood Chemicals Manufacturing – 40 CFR Part 454 (2003)
- (42). Pesticide Chemicals – 40 CFR Part 455 (2003)
- (43). Explosives Manufacturing – 40 CFR Part 457 (2003)
- (44). Carbon Black Manufacturing – 40 CFR Part 458 (2003)
- (45). Photographic – 40 CFR Part 459 (2003)
- (46). Hospitals – 40 CFR Part 460 (2003)
- (47). Battery Manufacturing – 40 CFR Part 461 (2003)
- (48). Plastics Molding and Forming – 40 CFR Part 463 (2003)
- (49). Metal Molding and Casting – 40 CFR Part 464 (2003)
- (50). Coil Coating – 40 CFR Part 465 (2003)
- (51). Porcelain Enameling – 40 CFR Part 466 (2003)
- (52). Aluminum Forming – 40 CFR Part 467 (2003)
- (53). Copper Forming – 40 CFR Part 468 (2003)
- (54). Electrical and Electronic Components – 40 CFR Part 469 (2003)
- (55). Nonferrous Metals Forming and Metal Powders – 40 CFR Part 471 (2003).

2. The Authority shall adopt any future changes, deletions and amendments to those Federal Regulations cited above unless the Approval Authority undertakes a rulemaking to adopt something more stringent.

## SECTION 2 DEFINITIONS

Unless the context specifically indicates otherwise, the following words, terms, or phrases used in the Rules and Regulations shall be as defined in this section:

- 1) **APPROVAL AUTHORITY:** Means the Executive Director or Director of the Department of Environmental Quality
- 2) **AUTHORITY:** Augusta County Service Authority
- 3) **BASELINE MONITORING REPORT:** A permit application prepared by Industrial Users subject to categorical Pretreatment Standards.
- 4) **BEST MANAGEMENT PRACTICE (BMP):** A practice, or combination of practices, which are low in cost, are applicable to broad categories of industry, and are determined to be an effective, practicable means of preventing or reducing the release of toxic and hazardous pollutants from spills, leaks, treatment and manufacturing processes. BMPs may be used as a control mechanism and shall be enforceable in accordance with these Regulations.
- 5) **BI-MONTHLY:** Once every other month.
- 6) **BI-WEEKLY:** Once every other week.
- 7) **BLOWDOWN:** The removal of accumulated solids in boilers to prevent plugging of boiler tubes and steam lines. In cooling towers, blowdown is used to reduce the amount of dissolved salts in the recirculated cooling water.
- 8) **BOARD:** The Board of Directors of the Augusta County Service Authority.
- 9) **B.O.D.:** (Biochemical Oxygen Demand) - The laboratory determination of the quantity of oxygen by weight, expressed in milligrams per liter, utilized in the biochemical oxidation of organic matter under standard laboratory conditions in five (5) days at 20 degrees C. The laboratory determination shall be made in accordance with the procedures set forth in 40 CFR Part 136.
- 10) **BYPASS:** Means the intentional diversion of wastes from any portion of a treatment facility.

- 11) **CATEGORICAL PRETREATMENT STANDARDS:** Pollutant discharge limits promulgated by the EPA in accordance with 33 USC 1317 Section 307(b) and (c) of the Clean Water Act.
- 12) **C. O. D.:** (Chemical Oxygen Demand) - The laboratory determination of the oxygen equivalent expressed in milligrams per liter of that portion of the organic matter that is susceptible to oxidation by the standard dichromate reflux method. The laboratory determination shall be in accordance with procedures set forth in "Standard Methods".
- 13) **COMPATIBLE POLLUTANT:** Biochemical oxygen demand, suspended solids, unoxidized nitrogen, chemical oxygen demand, phosphorus, turbidity, pH, and fecal coliform bacteria, plus additional pollutants identified in the Authority's Virginia Pollutant Discharge Elimination System (VPDES) permit, if the wastewater treatment facility to which the pollutant is discharged was designed to treat such pollutants, and in fact, does remove such pollutants to a substantial degree.
- 14) **COMPOSITE WASTEWATER SAMPLE:** A combination of individual samples of wastewater taken at selected intervals for some specified period, to minimize the effect of the variability of individual samples. Individual samples may have equal volume or may be roughly proportioned to the flow at time of sampling.
- 15) **CONTROL AUTHORITY:** The Public Owned Treatment Works (POTW) if the POTW's submission for its pretreatment program has been approved by the Approval Authority, or the Approval Authority if the submission has not been approved.
- 16) **COOLING WATER:**
  - 1) Noncontact: Water used for cooling purposes only, which has no direct contact with any raw material, intermediate, or final product.
  - 2) Contact: Water used for cooling purposes only, which may become contaminated by direct contact with process materials and/or wastewater.
- 17) **COUNTY:** County of Augusta
- 18) **DAILY MAXIMUM:** The maximum allowable discharge of pollutant during a calendar day. Where daily maximum limitations are expressed in units of mass, the daily discharge is the total mass discharged over the course of the day. Where daily maximum limits are expressed in terms of concentration, the daily discharge is the arithmetic average measurement of the pollutant derived from all measurements taken that day.
- 19) **DEQ:** Virginia Department of Environmental Quality

- 20) **DILUTION WASTESTREAM:** Domestic wastewater, boiler/tower blowdown, non-contact cooling water (unless regulated by the categorical pretreatment standards).
- 21) **DOMESTIC SEWAGE, DOMESTIC WASTE:** Waterborne wastes normally discharging from the sanitary conveniences of dwellings (including apartment houses and hotels), office buildings, factories and institutions, free from storm surface water and industrial wastes.
- 22) **DULY AUTHORIZED REPRESENTATIVE OF THE INDUSTRIAL USER:**
- 1) For Permit Applications, a Duly Authorized Representative may be:
    - a) By a principal executive officer of at least the level of vice-president for a corporation
    - b) By a general partner or the proprietor for a partnership or sole proprietorship
  - 2) All other correspondence, reports and self-monitoring reports shall be signed by either a person described above or by a duly authorized representative of that person if:
    - a) The Authorization is made in writing by a person described above; or
    - b) The Authorization specified either an individual or a position having responsibility for the overall operation of the regulated facility or activity, such as the position of plant manager, superintendent, or position of equivalent responsibility.
- 23) **EFFLUENT:** Wastewater flowing out of any facility designed to treat, convey or retain wastewater.
- 24) **ENGINEER:** The word "Engineer" shall refer to the Authority Engineer, the Authority's Consulting Engineer, or their duly authorized representatives.
- 25) **ENVIRONMENTAL PROTECTION AGENCY (U.S. EPA):** The United States 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.
- 26) **GARBAGE:** Solid wastes and residue from the preparation, cooking and dispensing of food, and from the handling, storage and sale of food products and produce.
- 27) **GRAB WASTEWATER SAMPLE:** An individual sample collected in less than 15 minutes, without regard for flow or time.

- 28) **HOLDING TANK WASTE:** Any waste from holding tanks, such as, but not limited to, industrial waste, chemical toilets, campers, trailers, septic tanks, and vacuum pump tank trucks. These wastes are to be discharged at a wastewater treatment facility equipped to handle such waste and not into a public sewer.
- 29) **INCOMPATIBLE POLLUTANT:** Any pollutant which is not a compatible pollutant as defined in the Rules and Regulations.
- 30) **INDUSTRIAL USER (IU), USER:** Any source of non-domestic discharge to a POTW.
- 31) **INDUSTRIAL WASTES, NON-DOMESTIC DISCHARGE:** Any non-domestic waste.
- 32) **INDUSTRIAL WASTE PROCESS WASTEWATER:**
- (1) Shall include wastewater from any producing, manufacturing, processing or other operations in which the wastewater discharged has come into direct contact with or results from the intermediate product, finished product, by-product or waste product and is not otherwise classified as domestic wastewater, dilution waste stream or unpolluted water.
- (2) Shall not include any industrial or commercial user (i.e., restaurants, car washes, etc.) who discharges only domestic or dilution wastewater and does not have a reasonable potential to affect the collection/treatment system.
- 33) **INSPECTOR:** A person authorized by the Authority to inspect wastewater generation, conveyance, processing, pretreatment and disposal facilities.
- 34) **INSTANTANEOUS MAXIMUM CONCENTRATION:** The maximum concentration allowed in any single grab sample.
- 35) **INTERFERENCE:** A discharge which alone or in conjunction with a discharge or discharges from other sources, both:
- (1) inhibits or disrupts the POTW, its treatment process or operations, or its sludge processes, use or disposal; and
- (2) therefore causes a violation of any requirement of the POTW's VPDES permit (including an increase in the magnitude or duration of a violation) or of the prevention of the sludge use or disposal in compliance with the following statutory provisions and regulations or permits issued thereunder (or more stringent State or Local regulations): Section 405 of the Clean Water Act, the Solid Waste Disposal Act (SWDA), (including Title II, more commonly referred to as the Resource Conservation and Recovery Act (RCRA) and including State Regulations contained in any State sludge management plan prepared pursuant to Subtitle D of the SWDA), the Clean Air Act, the Toxic Substances Control Act, the Marine Protection, Research, and Sanctuaries Act (40 CFR 403.3), and the Virginia Sewerage Regulations.



- 36) **MG/L:** abbreviation for milligrams per liter, a mass to volume ratio.
- 37) **MONTHLY AVERAGE:** The arithmetic mean of the values for effluent samples collected over a period of 30 consecutive days.
- 38) **NATIONAL PRETREATMENT STANDARD:** Means any regulation containing pollutant discharge limits promulgated by the EPA in accordance with Section 307 (b) and (c) of the Clean Water Act, which applies to Industrial Users. This term includes general and prohibition discharge limits established pursuant to Section 403.5.
- 39) **NEW SOURCE:** Means any building, structure, facility, or installation from which there is or may be a discharge of pollutants, the construction of which commenced after the publication of proposed Pretreatment Standards under Section 306 of the Clean Water Act which will be applicable to such source if such standards are thereafter promulgated in accordance with that section, within 120 days of their proposal. The term "new source" shall have the same meaning as provided in 40 CFR Section 403.3(k) (1989)
- 40) **NON-DOMESTIC DISCHARGE, NON-DOMESTIC WASTE:** Any waste other than domestic waste.
- 41) **PASS THROUGH:** Means a discharge which exits the POTW into waters of the United States in quantities or concentrations which alone or in conjunction with a discharge or discharges from other sources, is a cause of a violation of any requirement of the POTW's VPDES Permit (including an increase in the magnitude or duration of a violation).
- 42) **PERMIT:** An Industrial Wastewater Discharge Permit issued pursuant to the Rules and Regulations.
- 43) **PERMITTEE, PERMITTED INDUSTRIAL USER:** A user to whom an Industrial Wastewater Discharge Permit (Appendix B) has been granted by the Authority.
- 44) **pH:** The logarithm (base 10) of the reciprocal of the hydrogen ion concentration.
- 45) **POLLUTANT:** A substance which, when present in a sufficient concentration and under certain conditions, can cause pollution either singularly or in combination with other substances.
- 46) **POTW:** Public Owned Treatment Works
- 47) **PRETREATMENT:** Application of physical, chemical and/or biological processes to reduce the amount of pollutants in or alter the nature of the pollutant properties in a wastewater prior to discharging such wastewater in the wastewater treatment system.

- 48) **PRETREATMENT STANDARDS:** All applicable rules and regulations implementing Section 307 of the Federal Act, as well as any nonconflicting State or local standards. In cases of conflicting standards or regulations, the more stringent thereof shall be applied.
- 49) **PUBLIC SEWER:** Either sanitary or storm sewer in which all owners of abutting properties shall have equal rights and is controlled by public authority.
- 50) **RULES AND REGULATIONS:** the Augusta County Service Authority's Rules and Regulations for Wastewater Discharge.
- 51) **SANITARY SEWER:** A sewer which carries sewage and to which storm, surface and ground waters are not intentionally admitted.
- 52) **SEPTIC TANK WASTES:** Wastewater from residential septic tanks and porta-john wastes.
- 53) **SEWAGE:** A combination of water-carried waste from residential, commercial, institutional and industrial establishments, together with such unintentional ground, surface and storm waters as may be present.
- 54) **SEWER:** A pipe or conduit used to collect and carry away sewage or storm water run off from the generating source to sewage treatment plants or receiving streams.
- 55) **SHALL AND MAY:** "Shall" wherever used in the Rules and Regulations will be interpreted in its mandatory sense; "may" is permissive.
- 56) **SIGNIFICANT INDUSTRIAL USER:** Is a wastewater source that either:
- 1) is a categorical industry under the Federal Regulation; or
  - 2) has a flow of 25,000 gallons or more per average workday of process wastewater to the POTW (excluding sanitary, noncontact cooling and boiler blowdown wastewaters); or
  - 3) has a process flow which makes up five percent or more of the average dry weather hydraulic or organic capacity of the POTW treatment plant receiving the waste; or
  - 4) has in its waste a toxic pollutant in toxic amounts; or
  - 5) has significant impact, either singly or in combination with other contributing industries, on the treatment works or on the quality of its effluent; or
  - 6) has a reasonable potential for adversely affecting the POTW's operation or for violating any pretreatment standard or requirement.

**57) SIGNIFICANT NON-COMPLIANCE (SNC):** Violations which meet one or more of the following criteria:

- 1) Violations of wastewater discharge limits.
  - a) Chronic violations. Sixty-six percent or more of the measurements exceed the same daily maximum limit or the same average limit in a 6-month period (any magnitude of exceedance).
  - b) Technical Review Criteria (TRC) violations. Thirty three percent or more of the measurements in a 6-month period equal or exceeds the product of the daily maximum limit or the average limit multiplied by the applicable TRC.

There are two groups of TRCs:

Group I for conventional pollutants TRC = 1.4  
(BOD, TSS, fats, oils and grease)

Group II for all other pollutants TRC = 1.2

- c) Any other violation(s) of an effluent limit (average or daily maximum) that the POTW believes has caused, alone or in combination with other discharges, interference (e.g. slug load), pass through or sludge contamination; or endangered the health of the sewage treatment personnel or the public.
- d) Any discharge of a pollutant that has caused imminent endangerment to human health/welfare or to the environment and has resulted in the POTW's exercise of its emergency authority to halt or prevent such a discharge.
- e) Failure to meet, within 90 days after the scheduled date, a compliance schedule milestone contained in an Industrial Wastewater Discharge Permit, Administrative Compliance Order, or any other enforcement order for starting construction, completing construction, or attaining final compliance.
- f) Failure to provide, within 30 days after the due date, required reports such as baseline monitoring reports, 90-day compliance reports, periodic self-monitoring reports, and reports on compliance with compliance schedules.
- g) Failure to accurately report noncompliance.

- h) Any other violation or group of violations which the Authority determines will adversely affect the operation or implementation of the local pretreatment program.
  - 2. Violations of compliance schedule milestones, contained in a local control mechanism or enforcement order, for starting construction, completing construction and attaining final compliance by 90 days or more after the schedule date.
  - 3. Failure to provide reports for compliance schedules, self monitoring data, or categorical standards (baseline monitoring reports, 90 day compliance reports and periodic reports) within 30 days from the due date.
  - 4. Failure to accurately report non-compliance.
  - 5. Any other violation or group of violations that the POTW considers to be significant.
- 58) SLUG LOAD:** Any discharge of water, sewage or industrial waste which in concentration of any given constituent or in quantity of flow exceeds for any period of duration longer than fifteen (15) minutes more than five (5) times the average twenty-four (24) hour concentration of flows during the normal operation.
- 59) STANDARD METHOD:** The most current edition of Standard Methods for the Examination of Water and Wastewater, published by the American Public Health Association, the American Water Works Association and the Water Pollution Control Federation.
- 60) STATE:** The Commonwealth of Virginia
- 61) SUSPENDED SOLIDS:** Solids that either float on the surface of, or are in suspension in, water, wastewater, or other liquids, and which are removable by laboratory filtering. Quantitative determination of suspended solids shall be made in accordance with procedures set forth in 40 CFR Part 136.
- 62) TOXIC:** Any pollutant or combination of pollutants listed as toxic in regulations promulgated by the Administrator of the U.S. EPA under the provision of Section 307 (a) of the Federal Act, or other accepted acts.
- 63) UNPOLLUTED WATER:** Not containing any pollutants limited or prohibited by the effluent standard established in the Authority's VPDES permit or water whose discharge will not cause any violation of receiving water quality standards.

- 64) **UPSET:** Means an exceptional incident in which there is unintentional and temporary noncompliance with technology based permit effluent limitations because of factors beyond the reasonable control of the permittee, excluding such factors as operational error, improperly designed or inadequate treatment facilities, or improper operation and maintenance or lack thereof.
- 65) **USER:** See industrial user.
- 66) **VDH:** Virginia Department of Health
- 67) **VIRGINIA POLLUTANT DISCHARGE ELIMINATION SYSTEM (VPDES):** The program for issuing, conditioning and denying permits known as VPDES Permits for the discharge of pollutants from point sources, pursuant to Section 402 of the Federal Clean Water Act.
- 68) **WASTEWATER:** See sewage
- 69) **WASTEWATER TREATMENT FACILITY:** A plant operated by the Authority under conditions prescribed in a VPDES permit system. It has devices, facilities, structures, equipment or works owned or used by the Authority for the purpose of storage, treatment, recycling and reclamation of wastewater. This includes elements essential to provide a reliable recycled supply such as standby treatment units and clear well facilities and any works, including site acquisition of land that will be an integral part of the treatment process or is used for ultimate disposal of residues resulting from such treatment.
- 70) **WEEKLY AVERAGE:** The arithmetic mean of the values for effluent samples collected over a period of seven consecutive days.

## **SECTION 3.**

### **PERMITTING OF INDUSTRIAL DISCHARGERS**

#### **3.1 Permits Required**

Any user desiring to discharge into the public sanitary sewer system shall first make application and obtain an Industrial Wastewater Discharge Permit (Appendix B), or the Authority's written permission to discharge, prior to any discharge to the sewer system. Any existing users who are presently discharging industrial waste to the public sanitary sewer system shall submit a completed application for a permit within sixty (60) days and obtain the Discharge Permit, or the Authority's written permission to discharge, within one-hundred and eighty (180) days of the effective date of the Rules and Regulations. All industrial users must reapply within ninety (90) days prior to the expiration of their Permit or written permission to discharge.

#### **3.2 Permit Application Requirements**

All industrial users seeking a permit shall complete and file with the Authority and/or its authorized agents a completed application form, Appendix A, containing the following information where appropriate:

1. Name, address, telephone number, and location (if different from address) and type of permit application (either existing or proposed).
2. SIC number according to the Standard Industrial Classification Manual 1987.
3. Estimated volume of wastewater to be discharged.
4. Wastewater constituents and characteristics including, but not limited to, those mentioned in the Rules and Regulations as determined by a laboratory approved by the Authority.
5. Time and duration of discharge.
6. Average daily flow and 30-minute peak wastewater flow rates, including daily, monthly and seasonal variations if any.
7. Site plans, floor plans, mechanical and plumbing plans, and details to show all sewers and appurtenances by size, location, and elevation.

8. Description of activities, facilities and plant process on the premises including all materials, processes, and types of materials which are or could be discharged.
9. Each product produced by type, amount, and rate of production.
10. Number and type of employees, and hours of work.
11. Any other information as may be deemed by the Authority to be necessary to properly evaluate the permit.

### **3.3 Permit Conditions**

The conditions in Permits shall include, at a minimum, the following conditions:

1. The average and maximum permissible concentration, mass, or other measure of wastewater constituents.
2. Limits on rate and time of discharge, or requirements for flow regulations and equalization.
3. Right of entry for inspection, flow metering, sampling, and copying of reports.
4. Pretreatment of industrial wastewater before discharge.
5. Specifications for monitoring programs which may include sampling locations, frequency, method, and type of sampling, flow metering, number, types and standards for tests, and reporting schedule.
6. Prohibition of discharge of certain wastewater constituents.
7. Requirements for submission of periodic discharge reports to include information concerning volume, rate of flow, constituent concentrations, peak flow rates, hours of operation, number of employees, or other information.
8. Requirements for the protection of the sewage system.
9. Other conditions as deemed appropriate by the Approval Authority to insure compliance with all applicable local, State and Federal Regulations to include compliance with 40 CFR 403.6, National Categorical Pretreatment Standards.
10. Compliance Schedule.

11. Requirements for notification to the Authority for any new introduction of wastewater constituents or any substantial change in the volume or the character of the wastewater constituents being introduced into the system.
12. Requirements for notification of accidental discharges.
13. Notification requirements.
14. Pollutants to be monitored.
15. Penalties statement.

### **3.4 Processing and Issuance of Permits**

The Authority shall evaluate the data furnished by the industrial user and may require additional information. After evaluating the permit application and any other available information, the user shall be classified in one of two categories. The first category is an industrial user who is not required to obtain an Industrial Wastewater Discharge Permit but who is required to obtain the Authority's written permission to discharge prior to discharging. The second category is an industrial user who is classified as a Significant Industrial User. Those industrial users classified in this second category shall be required to obtain an Industrial Wastewater Discharge Permit. A draft permit shall be delivered to the users requiring permits within sixty (60) days after all data has been furnished and accepted by the Authority, unless there are special circumstances such as the initial period immediately after the Rules and Regulations go into effect. The industrial user shall be allowed a thirty (30) day comment period to respond and pay the permit fee. On or before the end of the comment period, the Authority shall issue or deny a permit. Issuance of the permit with stated conditions shall not relieve the user of any other laws, regulations or ordinances of the Authority or other governmental agencies. Permits are issued solely to control waste discharges into the Authority's treatment systems.

### **3.5 Duration of Permits**

Permits shall be issued for a period of time not to exceed three (3) years. The industrial user shall be informed of any proposed changes in the permit at least 60 days prior to the effective date of change. Any changes or new conditions in the permit shall include a time schedule for compliance in accordance with the regulatory requirements.



### **3.6 Administrative Continuance**

If permittee has reapplied for permission to discharge within the specified time period and a new permit has not been issued before expiration date of current permit, then the current permit is in effect for up to 180 days after the expiration date.

### **3.7 Transfer of Permits**

Wastewater Discharge Permits are issued to a specific industrial user for a specific operation. An Industrial Wastewater Discharge Permit shall not be reassigned or transferred or sold to a new industrial user, different premises, or a new or changed operation. A situation of new industrial user, different premises, or new or changed operation shall require the industrial user to apply for a new Industrial Wastewater Discharge Permit.

### **3.8 Modification of Permits**

The terms and conditions of any Permit may be subject to modification and change by the Authority during the life of the Permit to accommodate changed conditions and as local, State and Federal laws, rules and regulations are modified or amended or as new National Categorical Pretreatment Standards are promulgated. Permit holders shall be informed of any proposed changes in their respective Permits at least sixty (60) days prior to the effective date of change, and shall be allowed a comment period relating to any of the proposed changes in their Permits within the first thirty (30) days after issuance of such proposed changes by the Authority. Unless otherwise required by emergency or governmental regulations, the Authority shall allow a discharger sixty (60) days to comply with any changes in the Permit required by the Authority when construction is not essential to meet the new Permit requirements. If construction is necessary, then the discharger shall be allowed one (1) year to comply with any changes in the Permit required by the Authority. Nothing in the Rules and Regulations is intended to preclude the Authority from taking immediate action to temporarily modify a Permit when there is imminent risk of injury to the sewerage system or to the health and welfare of the public or to the environment.

### **3.9 Separate Permits Required**

A separate Permit shall be required for each wastewater connection discharging, directly or indirectly, into the sewerage system. For each discharger having multiple connections at a single plant or facility, a single Permit shall be required which may set forth specific effluent limitations and conditions for discharge from each separate connection.

### **3.10 Confidential Information**

Information and data on a discharger obtained from reports, questionnaires, permit applications, permits and monitoring programs and from inspections shall be available to the public without restriction unless the discharger specifically requests and is able to demonstrate to the satisfaction of the Authority that the release of such information would divulge information, processes or methods of production entitled to protection as trade secrets of the discharger. The physical and/or chemical characteristics of a discharger's wastewater will, however, not be recognized as confidential information or as a trade secret.

### **3.11 Denial of a Permit**

Should the waste from an industrial user's operations be deemed to be inadmissible into the sanitary sewer system because of objectionable character as defined by the Rules and Regulations, because of concentrations of elements or substances in excess of the limits established by the Authority, or because of flow characteristics incompatible with the best use of the receiving sewer, the Authority shall not approve the discharge of such waste into the sanitary sewer system until such user has employed, at his own expense, methods and processes of pretreatment as will render the waste admissible to the sanitary sewer system in accordance with the Rules and Regulations. The Authority shall not specify, suggest, or recommend equipment, structures, or arrangements comprising the pretreatment processes. The methods and procedures of the pretreatment to be employed shall be reviewed and approved with the same procedure as stipulated for Permit applications. Approval of discharge of industrial wastes by any user shall be given only on the basis of performance of pretreatment processes, if pretreatment should be required.

## SECTION 4 PERMIT REQUIREMENTS

### 4.1 General Requirements

1. Duty to Comply

The permittee shall comply with all conditions of the permit. Failure to comply with the requirements of the Rules and Regulations may be grounds for administrative action, or enforcement proceedings including civil and/or criminal penalties, injunctive relief and termination of service.

2. Duty to Mitigate

The permittee shall take all reasonable steps to minimize or correct any adverse impact on the environment resulting from noncompliance with the permit, including such accelerated or additional monitoring as necessary to determine the nature and impact of the noncomplying discharge.

3. Right of Entry

The Authority may inspect the facilities of any permittee to ascertain whether the provisions of the Rules and Regulations are being met and all requirements are being complied with. The permittee shall allow authorized Authority representatives, upon the presentation of credentials:

- a. To have ready access at all reasonable times to all parts of the permittee's premises for purposes of inspection and/or sampling in the performance of any of their duties.
- b. To have access to and copy at reasonable times any records required to be kept under the terms and conditions of the permit;
- c. To inspect at reasonable times any facilities, equipment (including monitoring equipment and control equipment), practices, operations or monitoring method regulated or required in the permit; or
- d. To sample or monitor at reasonable times, for the purposes of assuring permit compliance, any substances or parameters at any location;
- e. Inspect any production, manufacturing, fabricating or storage area where pollutants, regulated under the permit, could originate.

Where the permittee has security measures in force which would require proper identification and clearance before entry into their premises, the user shall make necessary arrangements with their security guards so that upon presentation of suitable identification, personnel from the Authority will be permitted to enter without delay for the purposes of performing their specific responsibilities.

4. Permit Modification and Revocation

The permit may be modified, revoked and reissued, or terminated in whole or in part during its term for cause including, but not limited to, the following:

- a. To incorporate any new or revised Federal, State, or local pretreatment standards or requirements;
- b. Material or substantial alterations or additions to the dischargers operation not covered in the effective permit;
- c. A change in any condition that requires either a temporary or permanent reduction or elimination of the authorized discharge;
- d. Information indicating that the permitted discharge poses a threat to the Authority's collection and treatment systems, POTW personnel or the receiving waters;
- e. Violation of any terms or conditions of the permit;
- f. The effluent from the wastewater treatment plant is no longer of a quality permitted for discharge to a watercourse, and it is found that the Permittee is delivering wastes to the wastewater system that cannot be sufficiently treated or require pretreatment; or
- g. The Permittee
  - 1) discharges wastewater that is in significant non-compliance of the permit issued;
  - 2) fails to pay user charges for public sewer services when due;
  - 3) discharges prohibited wastes to public sewers; or
  - 4) violates any requirement of these Rules and Regulations

The filing of a request by the permittee for a permit modification, revocation and reissuance, or termination, or notification of planned changes or anticipated noncompliance, does not stay any permit conditions.

5. Property Rights

The issuance of the permit does not convey any property rights in either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of Federal, State, or local laws or regulations.

6. Transfer of Ownership or Control

Wastewater discharge permits are issued to a specific user for a specific operation and are not assignable to another user or transferable to any other location without the prior written approval of the Augusta County Service Authority. In the event of sale, the permittee must inform the purchaser of all responsibilities and obligations under the permit.

7. Dilution

The permittee shall not increase the use of potable or 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 permit.

8. Adverse Impact

The permittee shall take all reasonable steps to minimize any adverse impact on the receiving works resulting from noncompliance with any effluent limitations specified in the permit, including such accelerated or additional monitoring as necessary to determine the nature and impact of the non-complying discharge. The permittee shall immediately notify the Augusta County Service Authority of slug discharges, spills that may enter the public sewer, or any other significant changes in operations, wastewater characteristics and constituents.

9. Special Agreements

Special agreements and arrangements between Authority and any user, unless disapproved by the State, may be established with respect to the issuance of a permit when in the opinion of the Authority unusual or extraordinary circumstances compel special terms and conditions. In no case shall allowable discharge be in excess of National Categorical Standards or the general and specific prohibitions of 40 C.F.R. 403.5.

10. Pretreatment

Permitted industrial users shall make wastewater acceptable under the limitations established herein before discharging to a wastewater treatment system. Any facilities required to pretreat wastewater to meet the requirements of the Rules and Regulations shall be provided and maintained at the user's expense. Detailed plans showing the pretreatment facilities and operating and maintenance procedures shall be submitted to the Authority for review, and must be acceptable to the Authority before construction of the facility. The review of such plans and operation and maintenance procedures shall in no way relieve the permitted industrial user from the responsibility of modifying the facility, as necessary, to produce an effluent acceptable to the Authority under the provisions of the Rules and Regulations. Any subsequent changes in the pretreatment facilities or method of operations shall be reported to the Authority before their implementation. These changes shall be acceptable to the Authority.

11. Slug Discharge Control Plan

Upon submission of an Application for Discharge Permit and every two years thereafter, the Authority shall evaluate whether each Significant Industrial User needs a plan to control slug discharges. The need for a Slug Discharge Control Plan shall be evaluated based upon criteria such as the users potential for slug discharges, history of slug discharges, presence of stored chemicals, whether stored chemicals are in diked storage areas, and the proximity of floor drains to those stored chemicals.

If a Slug Discharge Control Plan is required, it shall contain at least the following elements:

- a. A description of discharge practices, including nonroutine batch discharge.
- b. A description of stored chemicals.
- c. Procedures for promptly notifying the POTW of slug discharges, including any discharge that would violate a specific prohibition under 40 CFR 403.5(b), with procedures for follow-up written notification within five days.
- d. If necessary, procedures to prevent adverse impact from accidental spills, including inspection and maintenance of storage areas, handling and transfer of materials, loading and unloading operations, control of plant site run off, worker training, building of containment structures or equipment, measures for containing toxic organic pollutants (including solvents) and/or measures and equipment for emergency response.

- e. If necessary, follow-up practices to limit the damage suffered by the treatment plant or the environment.

The Slug Discharge Control Plan shall be signed by one of the following:

- 1) For a corporation: by a principal executive officer of at least the level of vice-president.
- 2) For a partnership or sole proprietorship: by a general partner or the proprietor, respectively.
- 3) By a duly authorized representative of one of the above. A person is a duly authorized representative only if:
  - a. The authorization is made in writing by a person described in Section 4.1.11 1) or 2).
  - b. The authorization specifies either an individual or a position having responsibility for the overall operation of the regulated facility or activity, such as the position of plant manager, superintendent, or position of equivalent responsibility.

The Slug Control Plan shall be certified by the following 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 gathered and evaluated the information submitted. Based on my inquiry of the person or persons who managed 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 fines and imprisonment for knowing violations."

## 4.2 Industrial User Monitoring and Record Keeping

### 1. Monitoring Frequency

Unless special conditions require more frequent monitoring, the permitted industrial user shall monitor its discharge in accordance with the following schedule.

<u>Industrial Flow (GPD)</u>	<u>Monitoring Frequency</u>
0 - 25,000	semiannually
25,001 - 100,000	quarterly
> 100,000	monthly

Discharge shall be monitored for those constituents as specified in the Wastewater Discharge Permit.

### 2. Samples and Analysis Methods

- a. Samples and measurements taken as required shall be representative of the volume and nature of the monitored discharge. All samples shall be taken at the monitoring points specified in the permit and unless otherwise specified, before the effluent joins or is diluted by other waste streams, body of water or substances. Monitoring points shall not be changed without notification to and the approval of the Authority.
- b. To demonstrate compliance with the permit, the sampling and analysis program shall conform to the discharge limitations listed in the IU's Discharge Permit. Daily concentrations shall be based on 24 hour, flow proportionate composite samples. Instantaneous concentrations shall be based on a grab sample taken at any time.
- c. The permittee shall record for all samples:
  - 1) the date, exact place, time and methods of sampling preservation techniques or procedures;
  - 2) who performed the sampling or measurements;
  - 3) the date(s) the analyses were performed;



- 4) who performed the analyses;
- 5) the analytical techniques or methods used;
- 6) and the results of such analyses.

- d. Test procedures for the analysis of pollutants shall conform to those analytical procedures as approved by EPA as listed in 40 C.F.R. 136 or an EPA approved method.
- e. The Permittee shall periodically calibrate and perform maintenance procedures on all monitoring and analytical instrumentation at intervals to insure accuracy of measurements.

### 3. Flow Measurements

If flow measurement is required by the permit, the appropriate flow measurement devices and methods consistent with approved scientific practices shall be selected and used to ensure the accuracy and reliability of measurements of the volume of monitored discharges. The devices shall be installed, calibrated and maintained to ensure that the accuracy of the measurements are consistent with the accepted capability of that type of device. Devices selected shall be capable of measuring flows with a maximum deviation of less than +/-10% from true discharge rates throughout the range of expected discharge volumes.

### 4. Additional Monitoring by Permittee

If the permittee monitors any pollutant at the location(s) designated in the permit more frequently than required by this permit, using approved analytical methods as specified above, the results of such monitoring shall be reported in the periodic discharge report. Such increased frequency shall also be indicated.

### 5. Monitoring Facilities

The Authority may require a permitted industrial user to construct at said industrial user's expense, monitoring facilities to allow inspection, sampling, and flow measurement of the industrial user's waste streams, and may also require sampling or metering equipment to be provided, installed, and operated at the industrial user's expense.

### 6. Retention of Records

- a. The permittee shall retain records of all monitoring information, including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation, copies of all reports required by this permit, and records of all data used to complete the application for this permit, for a period of at least three years from the date of the sample, measurement, report or application. This period may be extended by request of the Augusta County Service Authority at any time.
- b. All records that pertain to matters that are the subject of special orders or any other enforcement or litigation activities brought by the Augusta County Service Authority, Approval Authority, or EPA shall be retained and preserved by the permittee until all enforcement activities have concluded and all periods of limitation with respect to any and all appeals have expired.

7. Falsifying Information

Knowingly making any false statement on any report or other document required by the permit or knowingly rendering any monitoring device or method inaccurate, may result in punishment under civil and/or criminal law proceedings as well as being subjected to injunctive relief.

**4.3 Reporting Requirement**

1. Reporting Frequency

Permitted industrial users shall make periodic reports on wastewater quality to the Authority. Unless the user's permit specifies a different periodicity, the industrial user shall report discharge parameters in accordance with the following frequencies:

<u>Discharge Rate</u> <u>(GPD)</u>	<u>Reporting Frequency</u>
0 - 25,000	semiannually
25,001 - 100,000	quarterly
> 100,000	monthly

The report due dates shall be contained in the user's permit. Typically the due date shall be the tenth day of the month after each full reporting period that has passed following the issuance of the permit (e.g., a permit is issued February 15, for a user having a discharge of 23,000 gpd, first semi-annual report shall be due by September 10 and the second semi-annual report shall be due by March 10).

2. Change in Discharge

The permittee shall give notice to the Authority 90 days prior to any facility expansion, production increase, or process modifications which results in new or substantially increased discharges or a change in the nature of the discharge.

- a. If such changes will not violate the discharge limitations, specified in the permit, the permit may be modified to specify and limit any pollutants not previously limited.
- b. If such changes violate the discharge limitations, specified in the permit, the permit shall become void and a new permit application must be submitted.

3. Anticipated Noncompliance

The permittee shall give advance notice to the Authority of any planned changes in the permitted facility or activity which may result in noncompliance with permit requirements.

4. Duty to Provide Information

The permittee shall furnish to the Authority, within a reasonable time, any information which the Authority may request to determine whether cause exists for modifying, revoking and reissuing, or terminating the permit, or to determine compliance with the permit. The permittee shall also furnish to the Authority, upon request, copies of records required to be kept by the permit.

5. Signatory Requirements

All applications, reports or information submitted to the Authority shall be signed and certified in accordance with the following requirements:

- a. All permit applications shall be signed:
  - 1) For a corporation: by a principal executive officer of at least the level of vice-president.
  - 2) For a partnership or sole proprietorship: by a general partner or the proprietor, respectively.
- b. All other correspondence, reports and self-monitoring reports shall be signed by a person described above or by a duly authorized representative of that person. A person is a duly authorized representative only if:

- 1) The authorization is made in writing by a person described in Section 4.3.5.a.
- 2) The authorization specifies either an individual or a position having responsibility for the overall operation of the regulated facility or activity, such as the position of plant manager, superintendent, or position of equivalent responsibility.

c. Certification. Any person signing a document under this section shall make the following certification:

"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. Any change in signatures shall be submitted to the Authority in writing within 30 days after the change.

6. Reporting Requirements for Known Violations Other Than Accidental Discharges or Slug Load

If for any reason the Permittee does not comply with the limitations of the permit, the Permittee shall notify the Authority immediately by telephone and follow in writing within five (5) days a description of the violations and the reason or explanation for said violations. The written notification shall also address the steps taken to assure compliance and to eliminate chance of reoccurrence. The Permittee shall resample, retest, and submit new test results within 30 days of becoming aware of violation.

7. Reporting Requirements for Industries Subject to National Categorical Standards

All industrial users subject to National Categorical Standards shall submit the following reports to the Authority.

a. Categorical Industries Baseline Monitoring Report (BMR)

Within 180 days after the effective date of a categorical pretreatment standard, or 180 days after the final administrative decision made upon a category determination submission under Section 7.5 of VR 680-14-01, whichever is later, existing industrial users subject to categorical pretreatment standards and currently discharging to or scheduled to discharge to a POTW shall submit to the Authority a report which contains the information listed in the following paragraphs 1. through 7. When reports containing this information have already been submitted to the Authority, the industrial user will not be required to submit this information again. New sources, and sources that become industrial users subsequent to promulgation of applicable categorical standards, shall submit to the Authority a report 90 days before commencing discharge to the POTW which contains the information listed in the following paragraphs 1. through 5. and the methods of treatment to be used in meeting applicable standards. New sources may estimate concentration, flow and production data. Required information is as follows:

1. Identifying information. The industrial user shall submit the name and address of the facility including the name of the operator and owners;
2. Permits. The industrial user shall submit a list of any environmental control permits held by or for the facility;
3. Description of operations. The industrial user shall submit a brief description of the nature, average rate of production and Standard Industrial Classification (SIC) Code of the operation carried out by such industrial user. This description shall include a schematic process diagram which indicates points of discharge to the POTW from the regulated processes.
4. Flow measurement. The industrial user shall submit information showing the measured average daily and maximum daily flow in gallons per day to the POTW from regulated process streams; and other streams as necessary to allow use of the combined waste stream formula of 40 CFR § 403.6 (e). The Authority may allow for verifiable estimates of these flows when justified by cost or feasibility consideration.

5. Measurement of pollutants.

- a) The industrial user shall identify the pretreatment standards applicable to each regulated process;
- b) The industrial user shall submit the results of sampling and analysis identifying the nature and concentration, or mass, of regulated pollutants in the discharge from each regulated process. Both daily maximum and average concentration, or mass, where required shall be reported. The sample shall be representative of daily operations;
- c) A minimum of four (4) grab samples must be used for pH, cyanide, total phenols, oil and grease, sulfide, and volatile organics. For all other pollutants, 24-hour composite samples must be obtained through flow-proportional composite sampling techniques where feasible. The Authority may waive flow-proportional composite sampling for any industrial user that demonstrates that flow-proportional sampling is infeasible. In such cases, samples may be obtained through time-proportional composite sampling techniques or through a minimum of four (4) grab samples where the industrial user demonstrates that this will provide a representative sample of the effluent being discharged.
- d) The industrial user shall take a minimum of one representative sample to compile that data necessary to comply with the requirements of this paragraph.
- e) Samples shall be taken immediately downstream from pretreatment facilities if such exist or immediately downstream from the regulated process if no pretreatment exists. If other wastewaters are mixed with the regulated wastewater prior to pretreatment the industrial user should measure the flows and concentrations necessary to allow use of the combined waste stream formula found in 40 CFR Part 403.6 (e) in order to evaluate compliance with the pretreatment standards. When an alternate concentration or mass limit has been calculated in accordance with the combined waste stream formula in 40 CFR Part 403.6(e), this adjusted limit along with supporting data shall be submitted to the Authority;

- f) Sampling and analysis procedures shall be performed in accordance with the techniques prescribed in the current 40 CFR § 136. When 40 CFR Part 136 does not contain sampling or analytical techniques for the pollutant in question, or when the Director determines that the Part 136 sampling and analytical techniques are inappropriate for the pollutant in question, sampling and analysis shall be performed by using validated analytical methods or any other applicable sampling and analytical procedures, including procedures suggested by the POTW or other parties, approved by the EPA;
  - g) The Authority may allow the submission of a Baseline Monitoring Report which utilizes only historical data so long as the data provides information sufficient to determine the need for industrial pretreatment measures;
  - h) The Baseline Monitoring Report shall indicate the time, date and place, of sampling, and methods of analysis, and shall certify that such sampling and analysis is representative of normal work cycles and expected pollutant discharges to the POTW.
6. Certification. The industrial user shall submit a statement, reviewed by an authorized representative of the industrial user, indicating whether pretreatment standards are being met on a consistent basis, and, if not, whether additional operation and maintenance and/or additional pretreatment is required for the industrial user to meet the pretreatment standards and requirements.
7. Compliance schedule. If additional pretreatment and/or operation and maintenance are required to meet the pretreatment standards; the industrial user shall submit the shortest schedule by which the industrial user will provide such additional pretreatment and/or operation and maintenance. The completion date in this schedule shall not be later than the compliance date established for the applicable pretreatment standard.
- a) When the industrial user's categorical pretreatment standard has been modified by the combined waste stream formula regulated under 40 CFR § 403.13 and/or a Fundamentally Different Factors variance, the information required by paragraphs 4.3.8.a.6 and 7 pertain to the modified limits.

- b) If the categorical pretreatment standard is modified by the combined waste stream formula and/or a Fundamentally Different Factors variance after the industrial user submits the report required by paragraph 4.3.8.a, any necessary amendments to the information requested by paragraphs 4.3.8.a.6 and 7 shall be submitted by the industrial user to the Authority within 60 days after the modified limit is approved.
- c) The following conditions shall apply to the schedule required by paragraph 4.3.8.a.7 above:
  - 1) The schedule shall contain increments of progress in the form of dates for the commencement and completion of major events leading to the construction and operation of additional pretreatment facilities required for the industrial user to meet the applicable categorical pretreatment standards. No increment of this schedule shall exceed nine months.
  - 2) Not later than 14 days following each date in the schedule and the final date for compliance, the industrial user shall submit a progress report to the Authority including, at a minimum, whether or not it complied with the increment of progress to be met on that date and if not, the date on which it expects to comply with this increment of progress, the reason for delay, and the steps being taken by the industrial user to return the construction to the schedule established. In no event shall more than nine months elapse between such progress reports to the Authority.

b. Report on Compliance with Categorical Pretreatment Standard Deadline.

Within 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 industrial user subject to pretreatment standards and requirements shall submit to the Authority a report containing the information described in paragraphs 4.3.8.a.4 through 6. Industrial users subject to production based standards must submit actual production rate data for the appropriate sampling period.



c. Periodic Reports on Continued Compliance.

Any industrial user subject to a categorical pretreatment standard, after the compliance date of that pretreatment standard, or, in the case of a new source, after commencement of the discharge into the POTW, shall submit to the Authority during the months of June and December, unless required more frequently in the pretreatment standard or by the Authority, a report indicating the nature and concentration of pollutants in the effluent which are limited by such categorical pretreatment standards, and a reasonable measure of the users long term production rate. If an industrial user is subject to categorical standards with only production based limits, actual average production rate data for the reporting period must be given. In addition, this report shall include a record of measurements of estimated average and maximum daily flows for the reporting period for the discharge reported in paragraph 4.3.8.a.4 except that the Authority may require more detailed reporting of flows. At the discretion of the Authority and in consideration of such factors as local high or low flow rates, holidays, budget cycles, etc., the Authority may agree to alter the months during which the above reports are to be submitted.

#### **4.4 Operation and Maintenance of Pollution Controls**

1. Proper Operation and Maintenance

The permittee shall at all times properly operate and maintain all facilities and systems of treatment and control (and related appurtenances) which are installed or used by the permittee to achieve compliance with the conditions of the permit. Proper operation and maintenance includes but is not limited to: effective performance, adequate funding, adequate operator staffing and training, and adequate laboratory and process controls, including assurance procedures. This provision requires the operation of back-up or auxiliary facilities or similar systems only when necessary to achieve compliance with the conditions of the permit.

2. Duty to Halt or Reduce Activity

Upon reduction, loss, or failure of the industrial user's pre-treatment facility, the permittee shall, to the extent necessary to maintain compliance with its permit, control production of all discharges or both until operation of the pre-treatment facility is restored or an alternative method of treatment is provided. This requirement applies, for example, when the primary source of power of the pre-treatment facility fails or is reduced. It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit.

3. Bypass of Pre-Treatment Facilities

- a. Bypass is prohibited unless it is unavoidable to prevent loss of life, personal injury or severe property damage or no feasible alternatives exist.
- b. The permittee may allow bypass to occur which does not cause effluent limitations to be exceeded, but only if it also is for essential maintenance or to assure efficient operation.
- c. Notification of bypass:
  - 1) Anticipated Bypass. If the permittee knows in advance of the need for a bypass, it shall submit prior written notice, at least 10 days before the date of the bypass to the Augusta County Service Authority, P. O. Box 859, Verona, VA 24482.
  - 2) Unanticipated bypass. The permittee shall immediately notify the Augusta County Service Authority and submit a written notice to the POTW within 24 hours of becoming aware of the bypass.
  - 3) Notification of bypass shall contain the following information:
    - a) Description of the discharge or slug load, the cause(s) thereof and the discharge's or slug load's impact on the permittee's noncompliance status;
    - b) Duration of noncompliance, including exact dates and times of noncompliance, and if the noncompliance continues, the time by which compliance is reasonably expected to occur;
    - c) All steps taken or to be taken to reduce, eliminate and prevent recurrence of such discharge, slug load or other conditions of noncompliance.

4. Removed Substances

Solids, sludge, filter backwash, or other pollutants removed in the course of treatment or control of wastewaters or intake waters shall be disposed of in accordance with section 405 of the Clean Water Act and Subtitles C and D of the Resource Conservation and Recovery Act and shall not enter the public transport/treatment works.

## **4.5 Other Conditions**

### **1. State and Federal Laws**

Nothing in the permit shall be construed to preclude the institution of any legal action or relieve the Permittee from any responsibilities, liabilities, or penalties to which the Permittee is or may be subject to under any applicable State or Federal Law.

### **2. Special Conditions**

Special conditions (Section H of the Permit) may be added to a permit at any time by the Authority. Special conditions may consist of compliance schedules in regard to pretreatment of the Permittee's waste stream.

### **3. Appeals**

The Permittee has the right to appeal enforcement actions. Notice of appeal should be given in writing to the Executive Director of the Authority within thirty (30) days of the Director's order. Failure to file within time limit shall be considered a waiver in right to appeal. Three members of the Authority shall be appointed to serve as the Appeals Committee.

## **4.6 Charges, Fees, Surcharges, Fines, and Civil/Criminal Penalties**

### **1. Regular Service Charge**

The Permittee shall pay all water and sewer charges on a prompt basis as bills are received and in accordance with Authority Policy.

### **2. Permitting Fees for Significant Industrial Users**

When submitting an Application for Discharge Permit, the applicant shall also pay a permit fee based upon the applicant's expected or actual wastewater discharge rate. A fee of \$500 shall be paid for all applicants with a wastewater discharge flow of up to 10,000 gallons per day. Thereafter the applicant shall pay \$50 for each 5,000 gallons per day flow increment over 10,000 gpd (e.g., for an applicant with a wastewater discharge rate of 29,500 gallons per day, the application fee is \$700).

3. Permitting Fees for Industries issued Written Permission to Discharge

Industries that are not considered Significant Industrial Users will be issued Written Permission to Discharge. Industries with flows less than 10,000 gallons per day will be charged \$100 per permit cycle, while industries with flows greater than 10,000 gallons per day will be charged \$200. A Written Permission to Discharge is issued for two (2) years.

4. Annual Fees

Significant Industrial Users shall pay \$300 per year in annual fees. This will cover the costs of inspections, report writing and data review throughout the year.

5. Sampling Costs

The Augusta County Service Authority will perform permit required sampling for the industries. The industries shall then reimburse the Service Authority for the costs of this sampling. Prices are subject to change.

6. Surcharge

As a result of violations in permit limits for compatible pollutants, the permittee shall be responsible for surcharges described as follows:

- a. BOD and TSS: The permittee shall pay \$0.30/pound for discharges over permitted limits.
- b. Oils and Grease: The permittee shall pay for the cost of disposal for oil and grease discharges over permitted limits.
- c. pH: The permittee shall pay for the cost of restoring the wastewater treatment plant and facilities to normal operations.

The Permittee shall be responsible for any other special surcharges that may be described in the permit.

7. Fines

As a result of violations in permit limits for incompatible pollutants, the permittee shall be fined at least the amounts to cover the cost of:

- a. Properly disposing of any contaminated sludge.
- b. Restoring the wastewater treatment plant and facilities to normal operations.

8. Civil and Criminal Penalties

An industrial user may be subject to a civil and/or criminal penalty of up to \$1,000 per day per violation for any violation of the Rules and Regulations.

9. Other Charges

The Permittee shall be responsible for costs of additional sampling, monitoring, lab analysis, special or additional equipment and labor as the result of any violation of the permit.

**4.7 Duty to Reapply**

If the Permittee wishes to continue an activity regulated by the permit after the expiration date of the permit, the Permittee must apply for and obtain a new permit. The application must be submitted at least 90 days before the expiration date of the current permit.

## SECTION 5

### DISCHARGE REQUIREMENTS

#### 5.1 General

This section establishes limitations and prohibitions on the quantity and quality of sewage or wastewater which may be lawfully discharged into the Authority's wastewater treatment system by any user. Pretreatment of some sewage discharge will be required to achieve the goals established by the Rules and Regulations and the National Pretreatment Standards. The specific limitations set forth herein, and other prohibitions and limitations of the Rules and Regulations, are subject to change as necessary to enable the Authority to (1) provide efficient wastewater treatment, (2) protect the public health, the environment, the beneficial uses of the receiving waters, and (3) enable the Authority to meet requirements contained in its VPDES permit.

#### 5.2 General and Specific Prohibitive Standards

No user shall contribute or cause to be contributed, directly or indirectly, any pollutant or wastewater which will contaminate the treatment plant sludge, pass through or interfere with the operation or performance of the POTW. These general prohibitions apply to all users of a POTW whether or not the user is subject to the National Categorical Pretreatment Standards or any other National, State, or local Pretreatment Standards or Requirements. A user may not contribute the following substances to any POTW:

- (1) Any substance which may cause the Authority's effluent or any other product of a wastewater treatment facility, such as residues, sludge, or scum, to be unsuitable for reclamation and reuse, or to interfere with the reclamation process. In no case shall a substance discharged to any of the Authority's wastewater treatment systems cause the Authority to be in noncompliance with sludge use or disposal criteria, guidelines or regulations developed under Section 405 of the Federal Clean Water Act; any criteria, guidelines, or regulations affecting sludge use or disposal developed pursuant to 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.
- (2) Any substance which will cause the Authority to violate its VPDES permit or the receiving water quality standards.
- (3) Any waste containing concentrations of phenols, arsenic, barium, cadmium, chromium, copper, cyanide, iron, lead, mercury, nickel, silver, zinc or other substances in excess of concentrations which may be adopted by the Board.

- (4) Any slug discharges.
- (5) Any substance directly into a manhole or other opening in a public sewer other than through an approved discharge point. Written application for a Point Discharge Permit shall be made by the user.
- (6) Any waters or wastes containing substances, including non-biodegradable detergents, which will not respond to treatment. The discharge of these substances is limited only to the degree that the wastewater treatment facility effluent cannot meet the requirement of other agencies having jurisdiction over discharge to the receiving waters.
- (7) Any discharge which contains the following:
  - a. Any waste having a temperature greater than 150 degrees F at the point of discharge or of such temperature and quantity to cause the sewage treatment plant influent temperature to exceed 104 degrees F.
  - b. Any discharge containing either fat, oil, or grease in concentrations greater than 100 milligrams per liter as determined by procedures set forth in 40 CFR Part 136, and in no case any discharge of petroleum oil, nonbiodegradable cutting oil, or products of mineral oil origin in amounts that will cause interference or pass through.
  - c. Any discharge of pollutants which creates a fire or explosion hazard in the POTW, including, but not limited to, wastestreams with a closed cup flashpoint of less than 140 degrees Fahrenheit or 60 degrees Centigrade using the test methods specified in 40 CFR 261.21.
  - d. Any garbage or waste that has not been adequately shredded to pass through a one-half (1/2) inch screen.
  - e. Any ashes, cinders, sand, mud, straw, shavings, lint, glass, rags, metals, feathers, tar, plastics, wood, paunch manure, insulation materials, fibers of any kind, stock or poultry feeds, processed grains, viscera or other fleshy particles from processing or packing plants, or any other solid or viscous substance capable of causing obstruction to flow in sewers or interference with proper operation of sewage treatment facilities.
  - f. Any waters or wastes having a stabilized pH lower than 6.0 or higher than 9.5 or having properties capable of causing damage to structures and equipment of the sanitary sewerage system.

- g. Any waters or wastes having objectionable color which is not removable by the existing sewage treatment plant processes.
- h. Any waters or wastes containing BOD or COD of such character and quantity that unusual attention or expense is required in the handling of such materials in the sewerage system, or exceeding limits established in the Rules and Regulations.
- i. Any waters or wastes containing suspended solids of such character and quantity that unusual attention or expense is required in the handling of such waste materials in the sewerage system.
- j. Any noxious or malodorous gas or substance capable of creating a public nuisance, or any substance or compound, which, when introduced into a reducing environment such as might exist in the sewer system, might cause the evolution of a malodorous gas and thereby create a public nuisance.
- k. Any wastes containing any radioactive materials or isotopes of such half-life or concentration as may exceed any limits established by applicable State or Federal Regulations.
- l. Any toxic substances in amounts exceeding standards promulgated by the Administrator of the United States Environmental Protection Agency pursuant to Section 307 (a) of the Federal Act, or as established by the Authority. These substances shall include any wastewater containing toxic pollutants in sufficient quantity, either singly or by interaction with other pollutants, to (1) injure or interfere with any wastewater treatment process, (2) constitute a hazard to humans or animals, (3) create a toxic effect in the receiving waters of the wastewater treatment facility, or (4) exceed the limitations set forth in a categorical pretreatment standard.
- m. "Pickling Wastes" - Any waters or wastes containing strong acid iron pickling wastes or concentrated plating solutions whether neutralized or not.
- n. Any water added for the purpose of diluting wastes which would otherwise exceed applicable maximum concentration limits set for any pollutant at the point of discharge, but which would accumulate to undesirable quantities in the collection and/or treatment systems.
- o. Any wastes requiring the introduction of a quantity of chlorine or any other compound beyond the range normally required for sewage treatment purposes.



- p. Any lime sludge resulting from the pretreatment and/or removal of metals.
- q. Any holding tank wastes unless the user has secured a Holding Tank Waste Discharge Permit from the Authority. This permit will state the proper procedure for discharge, location, hours discharge will be accepted, and the wastewater constituents and characteristics. If a permit is granted for discharge of such waste at a wastewater treatment facility, the user shall pay the applicable user charges, fees, and surcharges and shall meet such other conditions as required by the Authority.
- r. All pollutants not previously mentioned but referred to in Section 403.5 of Federal Register dated January 28, 1981.
- s. All connections of laterals or other sewer lines to the sewage system of the Authority shall be subject to such conditions as may be listed in these regulations or as may be later adopted by the Board.
- t. Any pollutant, including oxygen demanding pollutants (BOD, etc.), released in a discharge at a flow rate and/or pollutant concentration which will cause interference with the POTW.
- u. Any discharge that shall result in toxic gases, vapors, or fumes within the POTW in a quantity that may cause acute worker health and safety problems.

### **5.3 Infiltration and Inflow**

1. In addition to the prohibitions in 5.2, the user shall institute infiltration and inflow programs with the goal of eliminating any water including, but not limited to, non-contact cooling water, surface water, groundwater, roof runoff, subsurface drainage and storm water, which will increase the hydraulic load on the Authority's wastewater treatment systems. The users will also incorporate restrictive code provisions which shall prevent individual connections from discharging the above defined water.
2. All commercial wash areas shall be constructed so as to prevent the inflow of storm water into the sanitary sewer system. The area shall be surrounded by curbing adequate to prevent drainage from other areas entering the drain. A roof or similar structure will be provided to prevent storm water from directly entering the wash area. All roof drains will be diverted away from the protected area. Other proposals will be considered by the Authority (i.e. water recycling systems, automatic diversion valves, etc.).

Drain lines from commercial wash areas will also be constructed with appropriate interceptors and separators in accordance with the Virginia State Plumbing Code.

#### **5.4 Limitations on Wastewater Quality**

1. Local Limits. The Authority shall establish technically based local limits. These limits shall be re-evaluated as required by the VPDES Permit and the IU Permits shall be modified to include the regulatory changes.
  - a. Compatible Pollutants: No user shall discharge into a public sewer wastewater exceeding the limitations of the wastewater treatment facility serving it without a valid wastewater discharge permit. Discharge is to be based on a 24 hour composite sample. Appendices C through H lists the compatible pollutants for each of the Authority's wastewater treatment facilities. Dilution of any wastewater discharge for the purpose of satisfying these requirements shall be considered a violation of the Rules and Regulations.
  - b. Incompatible Pollutants: All users discharging into a public sewer shall be required to remove incompatible pollutants below the maximum levels set for the wastewater treatment facility serving it. This is to protect the wastewater treatment system being used, to prevent the discharge of pollutants which would pass through the system without sufficient treatment, to prevent contamination of recovered by-products produced by the system, and so as not to cause the Authority to violate its VPDES permit. Appendices C through H lists the incompatible pollutants for each of the Authority's wastewater treatment facilities.
2. National Standards. As established by National Pretreatment Standards, the limitations contained in those Standards shall apply unless a more stringent standard has been established by the Authority or State.

Certain critical users are subject to National Categorical Standards promulgated by the U.S. EPA. The EPA may specify quantities or concentrations of pollutants or pollutant properties which may be discharged into the Authority's wastewater treatment system. All industrial users subject to a national pretreatment standard shall comply with all requirements of such standard, and shall also comply with any additional or more stringent limitations contained in these Rules and Regulations.

Existing sources subject to a national categorical pretreatment standard are subject to that categorical standard as soon as that standard is effective and must be in compliance with the categorical standard by the compliance date set within the standard. New sources subject to a national categorical pretreatment standard already in effect must be in compliance with that standard as soon as discharge of wastewater from the new source commences.

Except where expressly authorized by an applicable national pretreatment standard, no industrial user shall increase the use of the process water or in any way attempt to dilute a discharge as a partial or complete substitution for adequate treatment to achieve compliance with such standard.

Where the Authority's wastewater treatment facility achieves consistent removal of pollutants limited by national pretreatment standards, the Authority may apply to the agency responsible for approving the modification of specific limits in the national pretreatment standards. "Consistent removal" shall mean reduction in the amount of a pollutant or alteration of the nature of the pollutant by the wastewater treatment facility to a less toxic or harmless state in the effluent which is achieved by the system in ninety-five percent (95%) of the samples taken when obtained and measured according to the procedures set forth in Title 40 CFR Section 403.7 (c) (2) promulgated pursuant to the Federal Act. The Authority may modify pollutant discharge limits in the national pretreatment standards if the requirements contained in Title 40 CFR Section 403.7 are fulfilled and prior approval from the agency responsible is obtained.

3. State Limitations. State requirements and limitations on discharges shall apply in any case where they are more stringent than federal requirements and limitations, or those contained in these Rules and Regulations. The Authority reserves the right to establish by rules and regulations more stringent limitations or requirements for discharges to a wastewater treatment facility if deemed necessary to comply with the objectives stated at the beginning of these Rules and Regulations.

## **5.5 Construction and Interpretation**

The omission of any particular waste from the standards outlined in the Rules and Regulations does not imply that discharge of such waste to the sanitary sewer system will be permitted. Any liquid waste of peculiar character and volume, or of toxic or unusual nature, shall be subject to review by the Approval Authority and standards deemed applicable established by the Approval Authority. The requirements as set forth by the Rules and Regulations are generally applicable, but not absolutely fixed. Such requirements may be made more restrictive and more stringent by the Board if a survey of the sanitary sewer system and/or analyses of sewage treatment plant operating data, or standards set by the Virginia Department of Environmental Quality for receiving streams indicate that such action is necessary for the protection of the sewerage system. Such requirements may be

made more liberal only by Resolution of the Board, duly adopted, and based upon satisfactory evidence and proof that the discharge of a particular waste having concentration of particular substance, compound, or element in excess of those outlined in the Rules and Regulations has no adverse effect on the sewerage system, or the quality of the receiving stream or streams as established by the Virginia Department of Environmental Quality.

## **5.6 Acceptance of Trucked or Hauled Pollutants and Septic Tank Wastes**

Industrial waste, domestic waste, or pollutants from sites not served by the public sewerage system may be considered for disposal on a case by case basis. Any person requesting such disposal shall first obtain a Letter of Acceptance from the Authority by submitting the applicable information required by Appendix A of the Rules and Regulations. A separate request must be made for each discharge unless it can be demonstrated that the wastes are routinely produced and of such quality that individual consideration can be waived. The Letter of Acceptance issued to haulers of industrial waste, domestic waste, or pollutants shall be in the form of a Permit subject to all the provisions of Appendix B, Industrial Waste Discharge Permit. The conditions of the Letter of Acceptance may include, but not be limited to the following:

- a. Maximum permissible composite concentration of wastewater constituents;
- b. Limits on rate and time of discharge or requirements for flow regulation;
- c. Requirements for inspection and sampling;
- d. Requirements for recording, maintaining and reporting information concerning the origin of each tank truck load and identification of contributor(s);
- e. Prohibition of discharge of certain wastewater constituents;
- f. Incompatible waste shall not be accepted by the Authority at any of its POTW's;
- g. Time and date to be discharged; and
- h. Other conditions as deemed appropriate by the Authority to insure compliance with the Rules and Regulations.

Trucked or hauled pollutants and septic tank wastes shall only be discharged at locations designated by the Authority.

## SECTION 6

### GENERAL REQUIREMENTS FOR ALL INDUSTRIAL USERS

#### 6.1 Purpose

In addition to the Discharge Requirements of Section 5 by which all industrial users must comply, this section sets forth minimum requirements which apply to all industrial users.

#### 6.2 Protection from Accidental Discharge

Each industrial user shall provide protection from accidental discharge of prohibited materials or other wastes regulated by the Rules and Regulations. Such facilities shall be provided and maintained at the industrial user's expense. Detailed plans showing facilities and operating procedures to provide this protection shall be submitted to the Authority for review, and shall be acceptable to the Authority before construction of the facility.

The review of such plans and operating procedures shall in no way relieve the industrial user from the responsibility of modifying the facility as necessary to provide the protection necessary against accidental discharge.

#### 6.3 Reporting of Accidental Discharges or Slug Load

The user responsible for any accidental or detrimental discharge or slug load to a wastewater treatment system shall notify the Authority by the following methods:

1. Telephone Notification: Any user causing or suffering any discharge whether accidental or not, which presents or may present an eminent or substantial endangerment to the health, and welfare of persons, to the environment, or which is likely to cause interference with the wastewater treatment system serving the user, shall notify the Authority immediately by telephone.
2. Written Report: Within 24 hours following such occurrence, the user shall provide the Authority with a detailed written report describing the cause of the accidental discharge or slug load and corrective measures taken by the user. Such notification shall not relieve the user of any expense, loss, or damage to the Authority's wastewater treatment system, fish kills, or any other damage to person or property; nor shall such notification relieve the user of any fines, civil and/or criminal penalties, or other liability which may be imposed by the Rules and Regulations or other applicable law. The written report shall specify:

- a) Description of the discharge or slug load, the cause(s) thereof and the discharge's or slug load's impact on the permittee's noncompliance status;
- b) Duration of noncompliance, including exact dates and times of noncompliance, and if the noncompliance continues, the time by which compliance is reasonably expected to occur;
- c) All steps taken or to be taken to reduce, eliminate and prevent recurrence of such discharge, slug load or other conditions of noncompliance.

A documented and verified accidental discharge or slug load shall be an affirmative defense to any enforcement action brought against the permittee for violations attributable to the upset event.

3. Notice to Employees: A notice shall be permanently posted on the user's bulletin board or other prominent location advising employees who to call in the event of accidental discharge or slug load. Employers shall insure that all employees who would be responsible to make calls and take appropriate actions if such an accidental discharge or slug load were to occur are advised of the "emergency notification procedure."

#### **6.4 Right of Entry**

The Authority reserves the right to inspect the facilities of any user to ascertain whether the provisions of the Rules and Regulations are being met and all requirements are being complied with. The user shall allow authorized Authority representatives, upon the presentation of credentials:

- a. To have ready access at all reasonable times to all parts of the user's premises for purposes of inspection and/or sampling in the performance of any of their duties.
- b. To sample or monitor at reasonable times, for the purposes of assuring compliance with the Rules and Regulations, any substances or parameters at any location;
- c. Inspect any production, manufacturing, fabricating or storage area where pollutants could originate.

Where the permittee has security measures in force which would require proper identification and clearance before entry into their premises, the user shall make necessary arrangements with their security guards so that upon presentation of suitable identification, personnel from the Authority will be permitted to enter without delay for the purposes of performing their specific responsibilities.

## **6.5 Reporting of Hazardous Waste**

All users must notify the Authority, the EPA Regional Waste Management Division Director, and the State Department of Waste Management in writing of any discharge into the POTW of a substance, which if otherwise disposed of, would be a hazardous waste under 40 CFR Part 261. The written notification must include:

- a. The name of the hazardous waste as set forth in 40 CFR Part 261.
- b. The EPA hazardous waste number.
- c. The type of discharge (continuous, batch, or other).

If the user discharges more than 100 kilograms of such waste per calendar month to the POTW, the notification shall also contain the following information to the extent such information is known:

- a. An identification of the hazardous constituents contained in the wastes.
- b. An estimation of the mass and concentration of such constituents in the wastestream discharged during that calendar month.
- c. An estimation of the mass of constituents in the wastestream expected to be discharged during the following 12 months.

All notifications shall take place within 180 days of the effective date of this rule (the effective date of August 23, 1990 requires notifications to be submitted by February 19, 1990). Any user who commences discharging after August 23, 1990 shall provide the notification no later than 180 days after the discharge of the hazardous waste. Any notification under this section need be submitted only once for each hazardous waste discharged. However, notifications of changed discharges must be submitted under 40 CFR 403.12(j).

Users are exempt from the requirements of this section during a calendar month in which they discharge no more than fifteen kilograms of hazardous wastes, unless the wastes are acute hazardous wastes as specified in 40 CFR 261.30(d) and 261.33(e). Discharge of more than fifteen kilograms of non-acute hazardous wastes in a calendar month, or of any quantity of acute hazardous wastes as specified in 40 CFR 261.30(d) and 261.33(e) requires the one-time notification described in this section of the Rules and Regulations.

In the case of new regulations under section 3001 of Resource Conservation and Recovery Act, RCRA, identifying additional characteristics of hazardous waste or listing any additional substance as a hazardous waste, the user must notify the Authority, the EPA Regional Waste Management Division Director, and the State Department of Waste Management of the discharge of such substance within 90 days of the effective date of such regulations. When such a notification is made the user shall certify that it has a program in place to reduce the volume or toxicity of hazardous wastes generated to the degree it has determined to be economically practical.

## **6.6 Change in Discharge**

The industrial user shall give notice to the Authority 90 days prior to any facility expansion, production increase, or process modifications which results in new or substantially increased discharges or a change in the nature of the discharge. Those conditions stated in Section 4.3 of the Rules and Regulations shall apply to permitted industrial users. Those industrial users who are discharging with the Authority's written permission to discharge may be required to obtain an Industrial Wastewater Discharge Permit before to the new or substantially increased discharge or change in the nature of the discharge is allowed.



## SECTION 7

### ADMINISTRATION AND ENFORCEMENT

#### 7.1 Enforcement Procedures

Through Authority sampling, inspections, and review of user discharge reports, violation of the Rules and Regulations may be identified. In that case the Authority has a broad range of appropriate enforcement responses available. At a minimum the Authority shall respond as set forth in Section 7.3. The authority to impose penalties will be as contained in Chapter 24, Article III, Part A, Section 24-22 of the Augusta County Code.

#### 7.2 Authority Personnel Responsibilities

The responsibilities for the personnel shown in Figure I are described as follows:

1. Authority Board of Directors
  1. Determines policy by authorizing Rules and Regulations.
  2. Sets levels for charges, fees, surcharges, and fines.
  3. Authorizes staff to proceed with civil and judicial actions.
  
2. Executive Director
  1. Responsible to Board of Directors for implementing the Rules and Regulations.
  2. Makes recommendations to Board of Directors for initiating civil and judicial actions.
  3. Reviews reports from Regulatory Compliance Coordinator.
  4. Authorizes suspension or revocation of permit.
  5. Authorizes penalties.
  6. Advises Board of Directors and makes recommendations for policies.
  7. May make informal warnings, issue Notices of Violation (NOV's, Appendix I), issue Administrative Show Cause Order (Appendix J), and issue Administrative Compliance Orders (AO's, Appendix K).
  8. Issues Industrial Wastewater Discharge Permit.
  9. Approves fines, NOV's, and AO's issued by Regulatory Compliance Coordinator.
  10. Conducts show cause hearings.

### 3. Regulatory Compliance Coordinator

1. Maintains Industrial User Inventory File (Appendix L)
2. Maintains report files for:
  - a. Baseline Monitoring Reports
  - b. Compliance schedules and reports
  - c. Authority inspection reports
  - d. Compliance Screening Checklists (Appendix M)
3. Evaluates user discharge reports to determine required enforcement actions.
4. Makes recommendations to Executive Director for permit suspensions, permit revocations, or judicial actions as required by Section 6.3.
5. Issues NOV's and AO's through the Executive Director to the violator of the Rules and Regulations when required by Section 6.3.
6. Notifies Director of Accounts through the Executive Director of required penalties and fees to be assessed on a user as set forth in the Rules and Regulations.
7. Submits Industrial Pretreatment Yearly Report (Appendix N) to Department of Environmental Quality.
8. Review Industrial Users biannually to update list of Significant Industrial Users.
9. May make informal warnings.
10. Annually publishes name(s) of industrial users found to be in significant non-compliance and their cases of non-compliance in the largest daily newspaper in the Authority's area (Appendix O).
11. Provides schedule to inspectors/field personnel informing them of frequency and purpose of required Authority inspections.
12. Maintains and updates master file of industrial users. This file shall consist of Industrial Waste Survey forms and Permit Applications for all industrial users. The Industrial Waste Survey form shall be considered updated for permitted users when the initial permit application is submitted and then renewed every three years. For users who are not permitted, the Regulatory Compliance Coordinator shall update the Industrial Waste Survey form every 5 years. In addition, the Regulatory Compliance Coordinator shall monitor the building permits issued on a monthly basis to detect possible changes in processes that are unreported by industrial users.
13. Shall annually review 40 CFR Sections 400-430 to insure compliance with promulgated standards and requirements.

### 4. Inspectors/Field Personnel

1. Conducts sampling and inspection of industrial users using forms provided in Appendices P and Q.

2. Reviews user discharge monitoring reports to detect for non-compliance. Completes Compliance Screening checklist based on review and submits to Regulatory Compliance Coordinator.
  3. Reports conditions of non-compliance and recommends action to Regulatory Compliance Coordinator.
  4. Makes informal warnings for non-compliance when required by Section 6.3.
5. Authority Attorney
1. Advises Authority on legal issues concerning the Rules and Regulations.
  2. Advises Authority on enforcement matters.
  3. Coordinates judicial enforcement responses.
  4. Conducts civil litigation on behalf of Authority.
6. Director of Accounts
- Assesses user for charges, fees, surcharges, and fines as authorized by the Executive Director.

### 7.3 Enforcement Response Plan

The following Enforcement Response Plan is the guideline for the Authority to appropriately respond to violations of the Rules and Regulations and the Wastewater Discharge Permit.

<b>ENFORCEMENT RESPONSE PLAN</b>			
<b>Non-Compliance</b>	<b>Circumstances</b>	<b>Range of Response</b>	<b>Personnel</b>
<i>Sampling, Monitoring, and Reporting Violations</i>			
Failure to sample, monitor or report (routine reports, BMRs)	Isolated or infrequent	Phone call or written Notice of Violation (NOV) requiring a report within 10 days; if no response is received, issue an Administrative Compliance Order (AO).	Regulatory Compliance Coordinator (RCC), Executive Director (ED)
Failure to sample, monitor, report or notify	IU does not respond to letters, does not follow through on verbal or written agreement or frequent violation-SNC	AO or judicial action, including penalties if no response is received	RCC, ED, Board of Directors (BOD)
Reporting violation	Report is improperly signed or certified	Phone call or NOV	RCC
Failure to notify of effluent limit violation or slug discharge	Isolated or infrequent; no known effects	Phone call or NOV; if no response within 10 days issue an AO	RCC, ED
Failure to notify of effluent limit violation or slug discharge	Frequent or continued violation-SNC	Show cause hearing, AO, or judicial actions including penalties	RCC, ED, BOD
Failure to notify of effluent limit violation or slug discharge	Known environmental or POTW damage results-SNC	Judicial action and penalties; termination of service	ED, BOD
Improper Sampling	Unintentional sampling at incorrect location	Phone call or NOV	RCC

<b>Non-Compliance</b>	<b>Circumstances</b>	<b>Range of Response</b>	<b>Personnel</b>
Minor sampling, monitoring or reporting deficiencies (computational or typographical errors)	Isolated or infrequent	Phone call or NOV; corrections to be made on the next submittal; AO if continued	RCC, ED
Major or gross sampling, monitoring or reporting deficiencies (missing information, late reports)	Isolated or infrequent	NOV or AO; corrections to be made on the next submittal	RCC, ED
Major or gross reporting deficiencies	Continued; remains uncorrected 30 days or more-SNC	AO or judicial action	RCC, ED, BOD
Reporting false information	Any instance-SNC	Judicial action, penalties, termination of service	ED, BOD
Missed interim date	Will not cause late final date or other interim dates	NOV	RCC
Missed interim date	Will result in other missed interim dates; violation for good or valid cause	NOV or AO	RCC, ED
Missed interim date	Will result in other missed interim dates; violation for good or valid cause	NOV, AO, or judicial action including penalty	RCC, ED, BOD
Missed interim date	Will cause late final date; violation for good or valid cause	NOV, AO, or judicial action including penalty	RCC, ED, BOD
Missed interim date	Will cause late final date without good or valid cause	Show cause hearing, judicial action, termination of service	RCC, ED, BOD
Missed final date	Violation due to force majeure (strike, act of God, etc)	Contact permittee and require documentation of good or valid cause; show cause hearing	RCC, ED

<b>Non-Compliance</b>	<b>Circumstances</b>	<b>Range of Response</b>	<b>Personnel</b>
Missed final date	90 days or more outstanding; failure or refusal to comply without good or valid cause	AO or judicial action including penalty	RCC, ED, BOD
Failure to install monitoring equipment	Continued-SNC	AO to begin monitoring (using outside contracts if necessary) and install equipment within minimal time; temporary termination of service	RCC, ED, BOD
Failure to properly operate and maintain pretreatment facility	Isolated without known environmental or POTW damage	NOV	RCC
Failure to properly operate and maintain pretreatment facility	Isolated with known environmental or POTW damage	AO or judicial action including penalty	RCC, ED, BOD

<b>Non-Compliance</b>	<b>Circumstances</b>	<b>Range of Response</b>	<b>Personnel</b>
<i>Violation of Effluent Limits</i>			
Exceeding final limits (categorical, local, or prohibited)	Infrequent or isolated minor violations	NOV	RCC
Exceeding final limits	Infrequent or isolated major violations exceed the limits by TRC of a single effluent limit	NOV, AO (judicial action if environmental harm resulted including penalty)	RCC, ED, BOD
Exceeding final limits	Violation(s) that are SNC	AO or judicial action including penalty	RCC, ED, BOD
Exceeding interim limits (categorical or local)	Without known damages	NOV or AO	RCC, ED
Exceeding interim limits	Results in known environmental or POTW damage-SNC	AO or judicial action including penalty	RCC, ED, BOD
Reported slug load	Isolated without known damages	Phone call, NOV	RCC

<b>Non-Compliance</b>	<b>Circumstances</b>	<b>Range of Response</b>	<b>Personnel</b>
Reported slug load	Isolated with known damage	Show cause or AO	RCC, ED
Reported slug load	Isolated with known interference, pass-through, or damage-SNC	AO or judicial action including penalty	RCC, ED, BOD
Reported slug load	Recurring-SNC	Judicial action, including penalty; termination of service	ED, BOD
<b><i>Unauthorized Discharges</i></b>			
Discharge without a permit or approval	One time without known environmental or POTW damage	AO	RCC, ED
Discharge without a permit or approval	One time that results in environmental damage or continuing violation-SNC	AO or judicial action and penalty; request for criminal investigation	RCC, ED, BOD
Discharge without a permit or approval	Continuing violation with known environmental or POTW damage-SNC	Judicial action and penalty; request for criminal investigation; disconnect sewer	ED, BOD
Discharge without a permit or approval	Failure to submit application and/or data results by the due date for renewal	Phone call, NOV	RCC
<b>Non-Compliance</b>	<b>Circumstances</b>	<b>Range of Response</b>	<b>Personnel</b>
<b><i>Non-Compliance Detected Through Inspections or Field Investigations</i></b>			
Entry denial	Entry denied or consent withdrawn; copies of records denied	Obtain warrant and return to Industrial User	RCC
Minor violation of analytical procedures	Any instance	NOV	RCC
Major violation of analytical procedures	No evidence of intent	NOV or AO	RCC, ED



<b>Non-Compliance</b>	<b>Circumstances</b>	<b>Range of Response</b>	<b>Personnel</b>
Major violation of analytical procedures	Evidence of negligence or intent-SNC	AO or judicial action and penalty	RCC, ED, BOD
Minor violation of permit condition	No evidence of negligence or intent	NOV; immediate correction required	RCC
Minor violation of permit condition	Evidence of negligence or intent-SNC	AO or judicial action and penalty	RCC, ED, BOD
Major violation of permit condition	Evidence of negligence or intent-SNC	AO or judicial action and penalty; termination of service	RCC, ED, BOD
Inadequate Recordkeeping	Files incomplete to missing (no evidence of intent)	NOV	RCC
Inadequate Recordkeeping	Recurring	AO with fine	RCC, ED, BOD
Failure to report additional monitoring	Inspection uncovers additional files	NOV	RCC

### **TIMEFRAMES FOR RESPONSES**

- |  |
|--|
| A. All violations will be identified and documented by the Regulatory Compliance Coordinator within five days of receiving compliance information.   |
| B. The initial enforcement response taken by the Regulatory Compliance Coordinator [involving contact with the industrial user and requesting information on corrective or preventative action(s)] will occur within 15 days of violation detection. |
| C. Follow up actions for continuing or reoccurring violations will be taken within 60 days of the initial enforcement response.  |
| D. Violations which threaten health, property or environmental quality are considered emergencies and will receive immediate responses such as halting the discharge or terminating service.   |
| E. All violations meeting the criteria for significant non-compliance will be addressed with an enforceable order within 30 days of the identification of significant non-compliance.  |

## 7.4 Enforcement Action Descriptions

### 1. Notification of Violation

#### a. Purpose

Whenever the Authority finds that any user has violated or is violating these Rules and Regulations, wastewater discharge permit, or any prohibition, limitation, or requirements contained herein, the Authority may serve upon said user a written notice.

#### b. Procedure

The Notice of Violation shall be served to the user by certified mail or in person. The text of the Notice of Violation shall state the nature of the violation, date, and evidence.

#### c. Consequences

Within 10 days from the receipt date of the notice, an explanation of the violation and a plan for the satisfactory correction and prevention thereof, to include specific required actions, shall be submitted to the Authority. Submission of the plan in no way relieves the user of liability for any violations occurring before or after receipt of the Notice of Violation.

### 2. Show Cause Hearing

#### a. Purpose

The Authority may order any user who causes or allows an unauthorized discharge to enter a wastewater treatment system to show cause before Authority officials why a proposed enforcement action should not be taken.

#### b. Procedure

A notice shall be served on the user which specifies (1) the time and place of a hearing to be held by the Authority regarding the violation; (2) the reasons why a proposed enforcement action is to be taken; and (3) the proposed enforcement action. The notice shall also direct the user to show cause before the Authority why the 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 days before the hearing. Service may be made on any agent or officer of a corporation.

The Authority may itself conduct the hearing and take the evidence, or may designate any of its agents to:

- (1) Issue in the names of the Authority notices of hearings requesting the attendance and testimony of witnesses and the production of evidence relevant to any matter involved in such hearings.

- (2) Take the evidence; and
- (3) Transmit a report of the evidence and hearing, including transcripts and other evidence, together with recommendations to the Authority for action thereon.

At any hearing held pursuant to these Rules and Regulations, testimony taken must be under oath and recorded and typed verbatim. The transcript, so recorded, may be made available to any member of the public, or any party to the hearing upon payment of the usual charges thereof.

- c. **Consequences**  
After the Authority has reviewed the evidence, it may issue an order to the user responsible for the discharge directing that, following a specified time period, the public sewer service will be discontinued unless adequate treatment facilities, devices or other related appurtenances shall have been installed on existing treatment facilities, and those devices or other related appurtenances are properly operated. Further orders and directives as necessary and appropriate may be issued.

### 3. Administrative Compliance Order

- a. **Purpose**  
When the Authority finds that a user has violated or continues to violate the ordinance or a permit or order issued thereunder, an Administrative Compliance Order may be issued to the user responsible for the discharge directing that following a specified time period, sewer services shall be discontinued unless adequate treatment facilities, devices, or other related appurtenances have been installed and are properly operated to eliminate the cause of the violation. Orders may also contain such other requirements as might be reasonably necessary and appropriate to address the non-compliance, including the installation of pretreatment technology, additional self-monitoring, and management practices. Any deadlines established in the Administrative Compliance Order shall not extend any compliance date beyond any applicable Federal deadlines.
- b. **Procedure**  
The Administrative Order shall be served to the user by certified mail or in person. The user shall comply with the Order or be subjected to the penalties described therein.

- c. Consequences  
The user shall submit a written report to the Authority within 5 days of each compliance date contained in the Administrative Order. The report shall state whether the user has taken the action required by the date specified.

4. Permit Suspension

- a. Purpose  
The Authority may suspend the wastewater treatment service and/or an Industrial Wastewater Discharge Permit when such suspension is necessary, in the opinion of the Authority, 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; causes interference to the wastewater treatment system; or causes the Authority to violate any condition of the applicable VPDES permit.
- b. Procedure  
The Authority shall submit a Notice of Suspension to the user in person or by certified mail. The Notice of Suspension shall include the reason for suspension, the effective date of suspension, and the conditions under which the permit shall be restored.
- c. Consequences  
Any user notified of a suspension of the wastewater treatment service and/or of the Industrial Wastewater Discharge Permit shall immediately stop or eliminate the contribution. In the event of a failure of the said user to comply voluntarily with the suspension order, the Authority shall take such steps as deemed necessary including immediate severance of the public sewer connection, to prevent or minimize damage to the sanitary sewer or wastewater treatment facility or endangerment to any individuals. The Industrial Wastewater Discharge Permit and/or the wastewater treatment service shall be reinstated upon proof of the elimination of the non-complying discharge. A detailed written statement submitted by the user describing the causes of the harmful contribution and the measures taken to prevent any future occurrence shall be submitted to the Authority within 15 days of the date of occurrence. Upon acceptance by the Authority, the suspension will be lifted and the user will be notified of the permit restoration.

5. Permit Revocation

a. Purpose

The Authority has the right to revoke a discharge permit as a positive measure. Any user who violates the following conditions of the Rules and Regulations or applicable state and federal regulations, is subject to having its permit revoked:

- (1) Failure of a user to factually report the wastewater constituents and characteristics of its discharges.
- (2) Failure of the user 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.
- (4) Obtaining a permit by misrepresentation or failure to fully disclose all relevant facts.
- (5) A change in any condition that requires a temporary or permanent increase, reduction, or elimination of the permitted discharge.
- (6) Violation of conditions of the permit.

b. Procedure

The Authority shall submit a Notice of Revocation to the user in person or by certified mail. The Notice of Revocation shall include the effective date of and the reason for revocation.

c. Consequences of Revocation

Before any further discharge of industrial wastewater may be made by a discharger whose Permit has been revoked, the discharger must apply for, and be granted, a reinstatement of the terminated permit, or a new permit, as the Authority may require, and pay all delinquent fees, charges and costs occasioned by the violation.

6. Termination of Service

Water and/or sewer service to the User may be terminated when:

- a. Materials damaging to sewer lines or treatment process are released by the User to the sewer, causing deterioration of these structures or interfering with proper conveyance and treatment of wastewater;

- b. The effluent from the wastewater treatment plant is no longer of a quality permitted for discharge to a watercourse, and it is found that the User is delivering wastes to the wastewater system that cannot be sufficiently treated or require pretreatment; or
- c. The User
  - 1) discharges wastewater that is in significant non-compliance of the permit issued; or
  - 2) fails to pay user charges for public sewer services when due; or
  - 3) discharges prohibited wastes to public sewers; or
  - 4) violates any requirement of the Rules and Regulations

The Executive Director will endeavor within reasonable limits to eliminate or remedy violation without resorting to termination of service. However, if those efforts have been unsuccessful, the Executive Director is authorized to terminate service to a User.

The Executive Director shall not terminate service to a User without first delivering to the User written notice of such proposed termination. The notice shall state the reason or reasons of said termination and may allow a reasonable time for satisfactory compliance to meet the wastewater constituents and/or characteristic limitation(s) that are being violated.

Nothing in the permit is intended to deter, hinder or stop the Service Authority personnel from taking immediate action to terminate service to a User when there is imminent risk of great danger to the wastewater facilities and or personnel.

## 7. Criminal and Civil Liability

- a. Any person who violates any rule or regulation of the Authority relating to requirements for direct and indirect discharges into the wastewater collection and treatment systems of the Augusta County Service Authority shall be deemed to have violated Article III, Chapter 24 of the Augusta County Ordinance, and, upon conviction thereof, may be subject to the penalties set forth in subsection B of this section as well as to the responsibilities and liabilities set forth in subsection C below.

- b. Any person who willfully or negligently violates any provision of Article III, Chapter 24 of the Augusta County Ordinance may be subject to criminal penalties of a fine of up to \$1,000 per day of violation, or by imprisonment for up to twelve months, or by both fine and imprisonment.
  
- c. Further, any person who violates any provision of Article III, Chapter 24 of the Augusta County Ordinance or any condition or limitation of a Permit, or plan approval related thereto, shall be financially responsible and liable to the Authority, in addition to normal service charges and surcharges, for all costs incurred by the Authority associated with the violation of Article III, Chapter 24 of Augusta County Ordinance, including, but not limited to the following:
  - (1) Cost of mileage and labor incurred in detecting and correcting the violation.
  - (2) Laboratory analysis costs associated with detecting and correcting the violation.
  - (3) Additional treatment costs caused by the violation or associated with detecting and correcting the violation.
  - (4) Costs of any additional equipment acquired or expended by the Authority for detecting or correcting the violation.
  - (5) Repair or replacement of any part of the sewage system damaged by the violation.
  - (6) Any liability, damages, fines or penalties incurred by the Authority as a result of the violation.
  - (7) Other costs as are associated with the detecting and correcting the violation.

In addition, any user who violates any provision of the Rules and Regulations or any order of permit issued under the Rules and Regulations shall be liable for a civil penalty of up to \$1,000 per day per violation.

8. Legal Action

If any user discharges wastewater, industrial wastes or other wastes into a wastewater treatment system contrary to the provisions of the Rules and Regulations, Federal or State Pretreatment Requirements, or any order of the Authority, an attorney designated by the Authority may commence an action for appropriate legal and/or equitable relief in the Circuit Court of Augusta County. Injunctive relief may be sought for any violation of the Rules and Regulation.

9. Cost Recovery

In addition to the penalties provided in the Rules and Regulations, the Authority may recover reasonable attorneys' fees, court costs, court reporters' fees and other expenses of litigation by appropriate suit at law against the user found to have violated the Rules and Regulations or the orders, rules, regulations and permits issued hereunder.

**7.5. Inspections and Testing by Authority Personnel**

1. Frequency

Inspectors/Field Personnel shall, at a minimum, make facility inspections and perform wastewater testing of permitted significant industrial users at the following indicated frequencies.

<u>User Discharge Rate</u> <u>GPD</u>	<u>Facility</u> <u>Inspections</u>	<u>Wastewater</u> <u>Testing</u>
0 - 100,000	1/year	2/year
> 100,000	1/year	4/year

For those industrial users who do not have an Industrial Wastewater Discharge Permit but who are discharging with the Authority's written permission to discharge, only wastewater testing shall be conducted unless a possible discharge violation is detected in which case a facility inspection may be conducted. Wastewater testing for this category of industrial user shall typically be conducted on an annual basis unless special or unusual circumstances indicate a different frequency is more appropriate.

2. Facility Inspections

Facility inspections shall be conducted by Inspectors using the checklist of Appendix P. The purpose of the facility inspections is to verify overall compliance with the provisions of the Rules and Regulations.



3. Wastewater Testing

Wastewater testing shall be done by Field Personnel taking composite and/or grab samples. The purpose of wastewater testing is to determine compliance with the permit limits. The results of the testing shall be recorded on the form provided in Appendix Q.

- a. Sampling and monitoring shall be conducted in accordance with 40 CFR 136, "Standard Methods", or an EPA approved method.
- b. Samples shall be taken in clearly labeled, standard containers for samples. A chain-of-custody document (Appendix R) shall be maintained with each container. A signature and date shall be required whenever the custody of the sample changes from one person to another.
- c. At a minimum, the samples shall be tested for the significant pollutants discharged by the user identified through the Industrial Waste Survey or Permit Application and for the pollutants specified in the user's permit.
- d. Sampling bottles and equipment along with copies of Appendices P, Q, and R shall be maintained in one location to facilitate quick response sampling and analysis.

## SECTION 8

### ORGANIZATION OF AUGUSTA COUNTY SERVICE AUTHORITY

#### 8.1. Personnel

The Authority Staff is well qualified to implement the pretreatment program. The Staff is composed of two positions requiring Professional Engineering licenses and nine positions requiring certified operators licenses ranging from Class I to Class III. All employees are encouraged to enroll in continuing education curriculum, seminars or short courses, as well as an active on the job training program. Figure I illustrates the organization of the Authority for implementing the Rules and Regulations.

#### 8.2. Laboratory Services

The Service Authority maintains a modern EPA Approved Laboratory for VPDES testing. Contract and/or special services are available at private laboratories nearby.

#### 8.3. Sampling Equipment

The Service Authority maintains automatic samplers at its larger wastewater facilities. In addition the Service Authority has three (3) portable samplers; ten (10) pH samplers; and ten (10) D O meters.

The Service Authority owns and operates its own T.V. Cameras for special surveillance, as well as I & I studies. Seven vehicles are assigned to the sewage operations with additional vehicles and/or special use vehicles available from the Service Authority motor pool.

## **Appendix A**

### **Application for Discharge Permit**

**APPLICATION FOR DISCHARGE PERMIT**

**WASTEWATER SYSTEM/TREATMENT FACILITIES**

Note to signing official: The use of information contained in this application shall be in conformity with Title 40 of the Code of Federal Regulations.

**A. GENERAL INFORMATION**

(1) Company Name \_\_\_\_\_

(2) Mailing Address \_\_\_\_\_

(3) Premise Address (If different from above) \_\_\_\_\_

\_\_\_\_\_

(4) Name and Title of Signing Official \_\_\_\_\_

\_\_\_\_\_

(5) Name and Title of Person Responsible for Completing this Application

\_\_\_\_\_

Telephone ( ) \_\_\_\_\_ Extension \_\_\_\_\_

E-mail address \_\_\_\_\_

(6) Contact Person for Inspections, Monitoring, Sampling, etc.

(Name and Title) \_\_\_\_\_

Telephone ( ) \_\_\_\_\_ Extension \_\_\_\_\_

E-mail address \_\_\_\_\_

(7) Type of permit requested: Existing Discharge \_\_\_\_\_  
Proposed Discharge \_\_\_\_\_

(8) Name of Owner \_\_\_\_\_

Address \_\_\_\_\_

\_\_\_\_\_

Telephone No. \_\_\_\_\_

(9) Name of Operator \_\_\_\_\_

Address \_\_\_\_\_

Telephone No. \_\_\_\_\_

(10) Telephone No. of Facility \_\_\_\_\_

(11) Environmental Permits held by Facility:  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

"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 gathered and evaluated the information submitted. Based on my inquiry of the person or persons who managed 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 a civil penalty for knowing violation."

DATE \_\_\_\_\_

\_\_\_\_\_  
Signature of Official

**B. PRODUCT INFORMATION**

1. Type of Industry or Business \_\_\_\_\_  
 \_\_\_\_\_

2. General description of Industry \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

3. Indicate Standard Industrial Classification (SIC) Code(s) applicable to this facility.  
 \_\_\_\_\_

4. List of chemicals or other materials (Liquid or Solid) which may be stored in bulk. (Over 50 gallons)

_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

5. Verify the presence or absence in the product, process, or at your facility of the following pollutants.

<u>Toxic Substances</u>	<u>Present</u>	<u>Absent</u>
Acenaphthene .....	_____	_____
Acenaphthyler .....	_____	_____
Acrolein.....	_____	_____
Acrylonitrile.....	_____	_____
Aldrin.....	_____	_____
Alpha-endosulfan.....	_____	_____
Alpha-BHC.....	_____	_____
Aluminum, total.....	_____	_____
Anthracene.....	_____	_____

	<u>Present</u>	<u>Absent</u>
Antimony, total.....	_____	_____
Arsenic, total.....	_____	_____
Asbestos.....	_____	_____
Barium.....	_____	_____
Benzene.....	_____	_____
Beta-endosulfan.....	_____	_____
Benidine.....	_____	_____
Benzo(a) anthracene.....	_____	_____
Benzo(b) pyrene.....	_____	_____
3,5-benzoflouranthene.....	_____	_____
Benzo(ghi) perylene.....	_____	_____
Benzo(k) flouranthene.....	_____	_____
Beryllium, total.....	_____	_____
Beta - BHC.....	_____	_____
Bis(2-chloroethoxy) methane.....	_____	_____
Bis(2-chloroethyl) ether.....	_____	_____
Bis(2-chloroisopropyl) ether.....	_____	_____
Bis(2-ethylhexyl) phthalate.....	_____	_____
Boron.....	_____	_____
Bromide.....	_____	_____
Bromoform.....	_____	_____
4-bromophenyl phenyl ether.....	_____	_____
Butylbenzyl Phthalate.....	_____	_____
Cadmium.....	_____	_____
Carbon tetrachloride.....	_____	_____
Chlordane.....	_____	_____
Chlorine, total residual.....	_____	_____
Chlorobenzene.....	_____	_____
Chlorodibromomethane.....	_____	_____
Chloroethane.....	_____	_____
2-Chloronaphthalene.....	_____	_____
2-Chlorophenol.....	_____	_____
p-Chloro-M-Cresol.....	_____	_____
4-Chlorophenyl phenyl ether.....	_____	_____
2-Chloroethyl vinyl ether.....	_____	_____
Chloroform.....	_____	_____
Chromium, total.....	_____	_____
Chrysene.....	_____	_____
Cobalt, total.....	_____	_____
Color.....	_____	_____
Copper, total.....	_____	_____
1,3-Cis-dichloropropylene.....	_____	_____
Cyanide, total.....	_____	_____
Dibenzo(a,b) anthracene.....	_____	_____
Delta - BHC.....	_____	_____
4,4 - DDT.....	_____	_____
4,4 - DDE.....	_____	_____
4,4 - DDD.....	_____	_____

	<u>Present</u>	<u>Absent</u>
Dieldrin.....	_____	_____
1,2 - Dichlorobenzene.....	_____	_____
1,3 - Dichlorobenzene.....	_____	_____
1,4 - Dichlorobenzene.....	_____	_____
3,3 - Dichlorobenzidine.....	_____	_____
Dichlorobromomethane.....	_____	_____
1,1 - Dichloroethane.....	_____	_____
1,2 - Dichloroethane.....	_____	_____
1,1 - Dichloroethylene.....	_____	_____
2,4 - Dichlorophenol,2 - Dichloropropane.....	_____	_____
1,2 - Dichloropropylene.....	_____	_____
Diethyl Phthalate.....	_____	_____
Dimethyl Phthalate.....	_____	_____
2,4 - Dimethylphenol Di-N-butyl phthalate.....	_____	_____
Di-N-butyl Phthalate.....	_____	_____
2,4 - Dinitrotoluene.....	_____	_____
2,6 - Dinitrotoluene.....	_____	_____
Di-N-octyl phthalate.....	_____	_____
1,2 - Diphenylhydrazine.....	_____	_____
Endosulfan sulfate.....	_____	_____
Endrin.....	_____	_____
Endrin aldehyde.....	_____	_____
Ethylbenzene.....	_____	_____
Fecal coliform.....	_____	_____
Fluoranthene.....	_____	_____
Fluorine.....	_____	_____
Fluoride.....	_____	_____
Gamma BHC.....	_____	_____
Heptachlor.....	_____	_____
Heptachlor epoxide.....	_____	_____
Hexachlorobenzene.....	_____	_____
Hexachlorobutadiene.....	_____	_____
Hexachlorocyclopentadiene.....	_____	_____
Hexachloroethane.....	_____	_____
Ideno (1,2,3 - cd) pyrene.....	_____	_____
Isophorone.....	_____	_____
Iron, total.....	_____	_____
Lead, total.....	_____	_____
Manganese, total.....	_____	_____
Magnesium, total.....	_____	_____
Mercury, total.....	_____	_____
Methyl Bromide.....	_____	_____
Methyl chloride.....	_____	_____
Methylene chloride.....	_____	_____
Molybdenum, total.....	_____	_____
Naphthalene.....	_____	_____
Nitrobenzene.....	_____	_____
N-nitrosodimethylamine.....	_____	_____



	<u>Present</u>	<u>Absent</u>
N-nitrosodi-N-propylamine.....	_____	_____
N-nitrosodiphenylamine.....	_____	_____
Nickel, total.....	_____	_____
Nitrate - Nitrite.....	_____	_____
Nitrogen, total organic.....	_____	_____
2 - Nitrophenol.....	_____	_____
4 - Nitrophenol.....	_____	_____
Oil and Grease.....	_____	_____
PCB - 1016.....	_____	_____
PCB - 1221.....	_____	_____
PCB - 1232.....	_____	_____
PCB - 1242.....	_____	_____
PCB - 1248.....	_____	_____
PCB - 1254.....	_____	_____
PCB - 1260.....	_____	_____
Pentachlorophenol.....	_____	_____
Phenol.....	_____	_____
Phenols, total.....	_____	_____
Phenanthrene.....	_____	_____
Phosphorus, total.....	_____	_____
Pyrene.....	_____	_____
Radioactivity.....	_____	_____
Selenium, total.....	_____	_____
Silver, total.....	_____	_____
Sulfate.....	_____	_____
Sulfide.....	_____	_____
Sulfite.....	_____	_____
Surfactants.....	_____	_____
1,1,2,2 - Tetrachloroethane.....	_____	_____
Thallium, total.....	_____	_____
Tin, total.....	_____	_____
Titanium, total.....	_____	_____
Toluene.....	_____	_____
Toxaphene.....	_____	_____
1,2,4 - trichlorobenzene.....	_____	_____
1,2 - trans-dichloroethylene.....	_____	_____
1,2 - trans-dichloropropylene.....	_____	_____
1,1,1 - trichloroethane.....	_____	_____
1,1,2 - trichloroethane.....	_____	_____
Trichloroethylene.....	_____	_____
2,4,6 - trichlorophenol.....	_____	_____
Vinyl chloride.....	_____	_____
Zinc, total.....	_____	_____

<u>Hazardous Substances</u>	<u>Present</u>	<u>Absent</u>
Acetaldehyde.....	_____	_____
Allyl alcohol.....	_____	_____
Allyl chloride.....	_____	_____
Amyl acetate.....	_____	_____
Aniline.....	_____	_____
Benzonitrile.....	_____	_____
Benzyl chloride.....	_____	_____
Butyl acetate.....	_____	_____
Butylamine.....	_____	_____
Captan.....	_____	_____
Carbaryl.....	_____	_____
Carbofuran.....	_____	_____
Carbon disulfide.....	_____	_____
Chlorpyrifos.....	_____	_____
Coumaphos.....	_____	_____
Cresol.....	_____	_____
Crotonaldehyde.....	_____	_____
Cyclohexane.....	_____	_____
2,4-D (2,4-Dichlorophenoxy acetic acid.....	_____	_____
Diazinon.....	_____	_____
Dicamba.....	_____	_____
Dichlobenil.....	_____	_____
Dichlone.....	_____	_____
2,2-Dichloropropionic Acid.....	_____	_____
Dichlorvos.....	_____	_____
Diethylamine.....	_____	_____
Dimethylamine.....	_____	_____
Dinitrobenzene.....	_____	_____
Diquat.....	_____	_____
Disulfoton.....	_____	_____
Diuron.....	_____	_____
Epichlorohydrin.....	_____	_____
Ethanolamine.....	_____	_____
Ethion.....	_____	_____
Ethylenediamine.....	_____	_____
Ethylenedibromide.....	_____	_____
Formaldehyde.....	_____	_____
Furfural.....	_____	_____
Guthion.....	_____	_____
Isoprene.....	_____	_____
Isopropanolamine dodecylbenzenesulfanate.....	_____	_____
Kelthane.....	_____	_____
Kepone.....	_____	_____
Malathion.....	_____	_____
Mercaptodimethur.....	_____	_____
Methoxychlor.....	_____	_____
Methylmercaptan.....	_____	_____
Methylmethacrylate.....	_____	_____

	<u>Present</u>	<u>Absent</u>
Methylparathion.....	_____	_____
Mevinphos.....	_____	_____
Mexacarbate.....	_____	_____
Monoethylamine.....	_____	_____
Monomethylamine.....	_____	_____
Naled.....	_____	_____
Naphthenic acid.....	_____	_____
Nitrotoluene.....	_____	_____
Parathion.....	_____	_____
Phenolsulfanate.....	_____	_____
Phosgene.....	_____	_____
Propargite.....	_____	_____
Propylene oxide.....	_____	_____
Pyrethrins.....	_____	_____
Quinoline.....	_____	_____
Resorcinol.....	_____	_____
Strontium.....	_____	_____
Strychnine.....	_____	_____
Styrene.....	_____	_____
2,4,5-T (2,4,5-Trichlorophenoxy acetic acid)...	_____	_____
TDE (Tetrachlorodiphenylethane).....	_____	_____
2,4,5-TP [2-(2,4,5 Trichlorophenosyl) (propanoic acid)].....	_____	_____
Trichlorofuran.....	_____	_____
Triethylamine.....	_____	_____
Trimethylamine.....	_____	_____
Uranium.....	_____	_____
Vanadium.....	_____	_____
Xylene.....	_____	_____
Xylenol.....	_____	_____
Zirconium.....	_____	_____
Other *.....	_____	_____

\*Material listed in 40 CFR Part 116 (Designation of Hazardous Substances) known to be present.

**C. OPERATIONAL CHARACTERISTICS**

1. Number of shifts worked per 24 hour day \_\_\_\_\_  
Average number of employees per shift:  
First \_\_\_\_\_ Second \_\_\_\_\_ Third \_\_\_\_\_
2. Time shift begins:  
First \_\_\_\_\_ Second \_\_\_\_\_ Third \_\_\_\_\_
3. Is operation seasonal? Yes \_\_\_\_\_ No \_\_\_\_\_  
If yes, give brief description \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
4. Does operation shut down for vacation period?  
Yes \_\_\_\_\_ No \_\_\_\_\_  
If yes, give time period \_\_\_\_\_
5. Production process is: Batch \_\_\_\_\_ Continuous \_\_\_\_\_  
Both \_\_\_\_\_ % Batch \_\_\_\_\_ % Continuous \_\_\_\_\_
6. Are any process changes or expansion planned during the next three years?  
Yes \_\_\_\_\_ No \_\_\_\_\_
7. Are any water or materials reclaimed in the process?  
Yes \_\_\_\_\_ No \_\_\_\_\_  
If yes, give brief description \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**D. WATER USAGE/WASTE DISCHARGE**

1. Water Source \_\_\_\_\_  
 \_\_\_\_\_

2. Average daily water usage \_\_\_\_\_

3. The facility generates the following type of waste:

	Average Gallons Per Day (gpd)		
<input type="checkbox"/> Domestic Waste (restrooms, employee showers, etc.)	_____	<input type="checkbox"/> Estimated	<input type="checkbox"/> Measured
<input type="checkbox"/> Cooling water, non-contact	_____	<input type="checkbox"/> Estimated	<input type="checkbox"/> Measured
<input type="checkbox"/> Boiler/Tower blowdown	_____	<input type="checkbox"/> Estimated	<input type="checkbox"/> Measured
<input type="checkbox"/> Cooling water, contact	_____	<input type="checkbox"/> Estimated	<input type="checkbox"/> Measured
<input type="checkbox"/> Process wastes	_____	<input type="checkbox"/> Estimated	<input type="checkbox"/> Measured
<input type="checkbox"/> Equipment/Facility Washdown	_____	<input type="checkbox"/> Estimated	<input type="checkbox"/> Measured
<input type="checkbox"/> Air Pollution Control Unit	_____	<input type="checkbox"/> Estimated	<input type="checkbox"/> Measured
<input type="checkbox"/> Storm water runoff to sewer	_____	<input type="checkbox"/> Estimated	<input type="checkbox"/> Measured
<input type="checkbox"/> Cafeteria wastes	_____	<input type="checkbox"/> Estimated	<input type="checkbox"/> Measured
<input type="checkbox"/> Other (describe)	_____	<input type="checkbox"/> Estimated	<input type="checkbox"/> Measured
<b>TOTAL ALL ITEMS</b>	_____		

**FLOW MEASUREMENT BY SIC**

SIC	Activity	Avg. Daily Flow (gpd)	Max. Daily Flow (gpd)
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

4. Wastes are discharged to (check all that apply)

	Average Gallons Per Day (gpd)		
<input type="checkbox"/> Sanitary Sewer	_____	<input type="checkbox"/> Estimated	<input type="checkbox"/> Measured
<input type="checkbox"/> Storm Sewer	_____	<input type="checkbox"/> Estimated	<input type="checkbox"/> Measured
<input type="checkbox"/> Combined Sewer	_____	<input type="checkbox"/> Estimated	<input type="checkbox"/> Measured
<input type="checkbox"/> Surface Water	_____	<input type="checkbox"/> Estimated	<input type="checkbox"/> Measured
<input type="checkbox"/> Ground Water	_____	<input type="checkbox"/> Estimated	<input type="checkbox"/> Measured
<input type="checkbox"/> Waste Haulers	_____	<input type="checkbox"/> Estimated	<input type="checkbox"/> Measured
<input type="checkbox"/> Evaporation	_____	<input type="checkbox"/> Estimated	<input type="checkbox"/> Measured
<input type="checkbox"/> Other (describe)	_____	<input type="checkbox"/> Estimated	<input type="checkbox"/> Measured

5.	Industrial Processes	Description	Waste Discharge No.

a. Average flows for Intermittent Discharges

Waste Discharge Number	Frequency (Average no. of discharge occurrences per day)	Duration (Average no. of hours per day the discharge is operating)	Discharge Quantity (Average volume per day discharged - gallons)	Est. (E)
				or Measurement

b. Average flow for Continuous Discharges

Waste Discharge Number	Frequency (Average no. of discharge occurrences per day)	Duration (Average no. of hours per day the discharge is operating)	Discharge Quantity (Average volume per day discharged - gallons)	Est. (E)
				or Measurement

c. Describe the methods used for flow measurement and/or flow estimation for above flows:

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Regulated Process	Categorical Pretreatment Standard	Discharge Types	
		Continuous	Intermittent

7. Discharge Point Description

SIC	Discharge Points (describe receiving systems)

Discharge Occurrence

SIC	Days Per Week (Circle)	Months
	S M T W T F S	
	S M T W T F S	
	S M T W T F S	
	S M T W T F S	

8. Provide name and address of waste hauler(s), if used.

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9. Is a Spill Prevention Control Plan prepared for this facility?  
 Yes \_\_\_\_\_ No \_\_\_\_\_

## E. WASTEWATER INFORMATION

1. If your facility employs processes in any of the 34 industrial categories or business activities listed below and any of these processes generate wastewater or waste sludge, place a check beside the category or business activity.  
(Check all that apply)

A. 34 Industrial Categories

1.  Adhesives
2.  Aluminum Forming
3.  Auto and Other Laundries
4.  Battery Manufacturing
5.  Coal Mining
6.  Coil Coating
7.  Copper Forming
8.  Electric & Electronic Components
9.  Electroplating
10.  Explosives Manufacturing
11.  Foundries
12.  Gum and Wood Chemicals
13.  Inorganic Chemicals
14.  Iron and Steel
15.  Leather Tanning & Finishing
16.  Mechanical Products
17.  Nonferrous Metals
18.  Ore Mining
19.  Organic Chemicals
20.  Paint & Ink
21.  Pesticides
22.  Petroleum Refining
23.  Pharmaceuticals
24.  Photographic Supplies
25.  Plastic and Synthetic Materials
26.  Plastics Processing
27.  Porcelain Enamel
28.  Printing & Publishing
29.  Pulp and Paper
30.  Rubber
31.  Soaps and Detergents
32.  Steam Electric
33.  Textile Mills
34.  Timber

B. Other Business Activitiy

- Dairy Products
- Slaughter/Meat Packing/Rendering
- Food/Edible Products Processor
- Beverage Bottler



2. If your facility discharges any waste other than domestic waste, non-contact cooling water, or cafeteria wastes to the sewer, a recent wastewater analysis must be submitted with this application.

The analysis must include the following information:

- a. process where pollutant is generated.
- b. average concentration (in mg/l) or mass.
- c. maximum concentration (in mg/l) or mass.
- d. flow from the process generating the pollutant.
- e. type of sample.
- f. number of samples composited.
- g. location of sample.
- h. sampling technique.

At a minimum, the analysis must provide information on the concentrations of the following pollutants.

BOD	Arsenic
TSS	Silver
pH	Cyanide
Oil and Grease	
Cadmium	
Chromium	
Copper	
Lead	
Mercury	
Nickel	
Zinc	

All pollutants regulated under categorical standards.

All pollutants regulated under the Industrial Wastewater Discharge Permit.

The analysis must be performed on a 24-hour composite sample with information to include the date the sample was taken, date of analysis, name of laboratory performing the analysis, and location(s) from which the sample(s) were taken (attach sketches, plans, etc., as necessary). If any toxic or hazardous substances listed in B.5. are present at your facility, the wastewater must also be analyzed for that substance.

3. List average concentrations in milligrams per liter (mg/l) of wastewater discharge.  
If unknown, so state.

	<u>Concentration mg/l</u>
Parameter	_____
BOD	_____
COD	_____
Total Suspended Solids	_____
Total Kjeldahl nitrogen	_____
Oil and Grease (Hexane Solubles)	_____
Ammonia	_____
Total Phosphorus	_____
Algicides (attach list)	_____
Calcium	_____
Chloride	_____
Dyes (organic - attach list)	_____
Dyes (inorganic - attach list)	_____
Flammable liquids	_____
High temperature (80°F or greater)	_____
Organic nitrogen	_____
pH (in S.U.)	_____
Potassium	_____
Sodium	_____
Turbidity (NTU's)	_____
Others (attach list)	_____

4. List the temperature and pH range for your discharge.

<u>Temperature Range</u>		<u>pH Range</u>	
Low	_____	Low	_____
Average	_____	Average	_____
High	_____	High	_____

5. Does your company keep a continuous record of pH?

Yes \_\_\_\_\_ No \_\_\_\_\_

**F. SEWER INFORMATION**

1. Attach a scale drawing of your plant site showing the connection to the Service Authority line, all sampling points, and other pertinent information.

<u>Connection/Reference</u>	<u>Sewer Main Size</u>	<u>Description of Connection</u>
1	_____	_____
2	_____	_____

2. Size of line from building to public sewer \_\_\_\_\_ .

3. Ultimate destination of the wastewater is the Wastewater Treatment Plant. \_\_\_\_\_

**G. PRETREATMENT**

1. Is any form of pretreatment (see list below) practiced at this facility?  
Yes \_\_\_\_\_ No \_\_\_\_\_

For all waste streams which are treated before discharge, check the appropriate boxes for types of pretreatment used at this facility:

- Sump
  - Septic Tank
  - Grease Trap
  - Gasoline Trap
  - Grease or oil separation,  
type: \_\_\_\_\_
  - Screen
  - Grit removal
  - Sedimentation
  - Flow Equalization
  - Filtration
  - Rainwater diversion or storage
  - Neutralization, pH correction
  - Chemical Precipitation
  - Reverse Osmosis
  - Ion Exchange
  - Ozonation
  - Chlorination
  - Solvent Separation
  - Spill Protection
  - Air Flotation
  - Centrifuge
  - Cyclone
  - Export or Hauling
  - Other chemical treatment, type \_\_\_\_\_
  - Other physical treatment, type \_\_\_\_\_
  - Biological treatment, type \_\_\_\_\_
  - Other, Specify \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_

2. Is any form of pretreatment planned for this facility within the next three (3) years?  
Yes \_\_\_\_\_ No \_\_\_\_\_

3. Please furnish a process flow diagram for each existing or planned pretreatment system. Include process equipment products, by-product disposal method, concentrations, waste and by-product volumes, design and operating conditions.

**H. NON DISCHARGED WASTE**

1. Are any waste, liquid or solid, not disposed of in wastewater discharge pipe?  
Yes \_\_\_\_\_ No \_\_\_\_\_

2. If yes, please describe waste and volume handled. \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

3. Do you use on-site or off-site disposal?  
Off-site \_\_\_\_\_ On-site \_\_\_\_\_

4. Do you use a contract hauler for off-site?  
Yes \_\_\_\_\_ No \_\_\_\_\_

5. Name of off-site hauler, if applicable:  
Name: \_\_\_\_\_  
Address: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

6. Location of disposal site, if known:  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

## **Appendix B**

### **Industrial Wastewater Discharge Permit**



**INDUSTRIAL WASTEWATER DISCHARGE PERMIT**

**Permit Number** \_\_\_\_\_  
**Effective Date** \_\_\_\_\_  
**Expiration Date** \_\_\_\_\_  
**Amended Date** \_\_\_\_\_

**AUTHORIZATION TO DISCHARGE UNDER  
THE INDUSTRIAL WASTE PRETREATMENT PROGRAM  
OF THE SERVICE AUTHORITY  
DATED \_\_\_\_\_**

1. Pursuant to the Augusta County Service Authority Rules and Regulations for Wastewater Discharge \_\_\_\_\_ located at \_\_\_\_\_ is authorized to discharge to \_\_\_\_\_ t  
Wastewater Treatment Plant in accordance with the effluent limitations, monitoring requirements, and other conditions set forth in this permit.
2. Pretreatment and/or discharge of all industrial waste shall be in accordance with this permit.
3. The issuance of this permit does not relieve the permittee of the responsibility of operating the facility in a reliable and consistent manner as per the conditions of the permit. If violations, deficiencies, design flows or operational problems are identified which affect the performance, reliability or effluent quality, it shall be the responsibility of the permittee to correct such deficiencies as may be directed by the Service Authority.
4. By accepting this permit the permittee acknowledges that this permit is subject to all present and future Rules and Regulations of Augusta County Service Authority and permittee will abide with said Rules and Regulations.

\_\_\_\_\_  
Kenneth J. Fanfoni, P. E.  
Executive Director  
Augusta County Service Authority

Date \_\_\_\_\_

PERMIT NUMBER \_\_\_\_\_

**A. DISCHARGE LIMITATIONS**

1. During the permit period as shown on cover page, all permitted discharges shall be subject to the limitations, sampling and monitoring requirements listed below.

<u>Discharge Parameters</u>	<u>Limitations (mg/L)</u>		<u>Monitoring Requirements Sampling and Analysis Frequency</u>	<u>Type of Sample</u>
	<u>Daily Maximum</u>	<u>Monthly Average</u>		
Flow (MGD)				
Arsenic				*
Cadmium				*
Chromium				*
Copper				*
Cyanide				Grab
Lead				*
Mercury				*
Nickel				*
Silver				*
Zinc				*
BOD				*
TSS				*
Oil & Grease				Grab
pH (S.U.)				Grab

\* 24-hour flow proportional composite sample.

2. Location of sampling points \_\_\_\_\_

3. Report due dates \_\_\_\_\_



## B. MONITORING AND RECORDS

### 1. Samples and Analysis Methods

- a. Samples and measurements taken as required herein shall be representative of the volume and nature of the monitored discharge. All samples shall be taken at the monitoring points specified in this permit and unless otherwise specified, before the effluent joins or is diluted by other waste streams, body of water or substances. Monitoring points shall not be changed without notification to and the approval of the Augusta County Service Authority.
- b. To demonstrate compliance with the permit, the sampling and analysis program shall conform to the discharge limitations listed in the IU's Industrial Wastewater Discharge Permit. Daily concentrations shall be based on 24 hour, flow proportionate composite samples. Instantaneous concentrations shall be based on a grab sample taken at any time.
- c. The permittee shall record for all samples:
  - 1) the date, exact place, time and methods of sampling preservation techniques or procedures;
  - 2) who performed the sampling or measurements;
  - 3) the date(s) the analyses were performed;
  - 4) who performed the analyses;
  - 5) the analytical techniques or methods used;
  - 6) and the results of such analyses.
- d. Test procedures for the analysis of pollutants shall conform to those analytical procedures as approved by EPA as listed in 40 C.F.R. 136.
- e. The Permittee shall periodically calibrate and perform maintenance procedures on all monitoring and analytical instrumentation at intervals to insure accuracy of measurements.

### 2. Flow Measurements

If flow measurement is required by this permit, the appropriate flow measurement devices and methods consistent with approved scientific practices shall be selected and used to ensure the accuracy and reliability of measurements of the volume of monitored discharges. The devices shall be installed, calibrated and maintained to ensure that the accuracy of the measurements are consistent with the accepted capability of that type of device. Devices selected shall be capable of measuring flows with a maximum deviation of less than +/- 10% from true discharge rates throughout the range of expected discharge volumes.

### 3. Additional Monitoring by Permittee

If the Permittee monitors any pollutant at the location(s) designated herein more frequently than required by this permit, using approved analytical methods as specified above, the results of such monitoring shall be reported to the Regulatory Compliance Coordinator.

4. Right of Entry

The Permittee shall allow authorized Service Authority representatives, upon the presentation of credentials;

- a. To enter upon the Permittee's premises where pretreatment and/or monitoring facilities are located or conducted or where records must be kept under the terms and conditions of this permit;
- b. To have access to and copy at reasonable times any records required to be kept under the terms and conditions of this permit;
- c. To inspect at reasonable times any facilities, equipment (including monitoring equipment and control equipment), practices, operations or monitoring method regulated or required in this permit;
- d. To sample or monitor at reasonable times, for the purposes of assuring permit compliance, and substances or parameters at any location;
- e. Inspect any production, manufacturing, fabricating, or storage area where pollutants, regulated under the permit, could originate.

5. Retention of Records

- a. The permittee shall retain records of all monitoring information, including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation, copies of all reports required by this permit, and records of all data used to complete the application for this permit, for a period of at least three years from the date of the sample, measurement, report or application. This period may be extended by request of the Augusta County Service Authority at any time.
- b. All records that pertain to matters that are the subject of special orders or any other enforcement or litigation activities brought by the Augusta County Service Authority, Approval Authority, or EPA shall be retained and preserved by the permittee until all enforcement activities have concluded and all periods of limitation with respect to any and all appeals have expired.

6. Falsifying Information

Knowingly making any false statement on any report or other document required by this permit or knowingly rendering any monitoring device or method inaccurate may result in punishment under civil law proceedings as well as being subjected to injunctive relief.

7. Reporting Requirements

On or before the report dates listed in Section A, the permittee shall submit to the Augusta County Service Authority, at the address listed below, an **original** "Discharge Monitoring Report." The completed report must also include all corresponding laboratory reports including the analytical methods used. All other reports required by this permit shall also be submitted to the Augusta County Service Authority at the same address.

Regulatory Compliance Coordinator  
Augusta County Service Authority  
P.O. Box 859  
Verona, Virginia 24482

## C. GENERAL REQUIREMENTS

### 1. Severability

The provisions of this permit are severable, and if any provision of this permit, or the application of any provision of this permit to any circumstance, is held invalid, the application of such provision to other circumstances, and the remainder of this permit, shall not be affected thereby.

### 2. Duty to Comply

The permittee must comply with all conditions of this permit. Failure to comply with the requirements of these regulations may be grounds for administrative action, or enforcement proceedings including civil penalties, injunctive relief, and summary abatements.

### 3. Duty to Mitigate

The permittee shall take all reasonable steps to minimize or correct any adverse impact on the environment resulting from noncompliance with this permit, including such accelerated or additional monitoring as necessary to determine the nature and impact of the non-complying discharge.

### 4. Permit Modification and Revocation

This permit may be modified, revoked and reissued, or terminated in whole or in part during its term for cause including, but not limited to, the following:

- a. to incorporate any new or revised Federal, State, or local pretreatment standards or requirements;
- b. material or substantial alterations or additions to the dischargers operation which were not covered in the effective permit;
- c. A change in any condition that requires either a temporary or permanent reduction or elimination of the authorized discharge;
- d. Information indicating that the permitted discharge poses a threat to the Augusta County Service Authority's collection and treatment systems, POTW personnel or the receiving waters;
- e. Materials damaging to sewer lines or treatment process are released by the Permittee to the sewer, causing deterioration of these structures or interfering with proper conveyance and treatment of wastewater;

- f. The effluent from the wastewater treatment plant is no longer of a quality permitted for discharge to a watercourse, and it is found that the Permittee is delivering wastes to the wastewater system, that, due to (1) significant non-compliance, as defined in the Authority's Rules and Regulations for Wastewater Discharge, with the permit or (2) a material change in the composition or volume of the Permittee's waste stream cannot be sufficiently treated or require pretreatment; or
- g. The Permittee
  - 1) discharges wastewater that is in significant non-compliance of the permit issued;
  - 2) fails to pay user charges for public sewer services when due;
  - 3) discharges prohibited wastes to public sewers; or
  - 4) violates any requirement of these Rules and Regulations

The filing of a request by the permittee for a permit modification, revocation and reissuance, or termination, or notification of planned changes or anticipated noncompliance, does not stay any permit conditions.

5. Duty to Reapply

At least 90 days prior to the expiration date of this permit, unless permission for a later date has been granted, the permittee shall submit a new application for a permit

6. Property Rights

The issuance of this permit does not convey any Property rights in either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of Federal, State, or local laws or regulations.

7. Transfer of Ownership or Control

Wastewater discharge permits are issued to a specific user for a specific operation and are not assignable to another user or transferable to any other location without the prior written approval of the Augusta County Service Authority. In the event of sale, the permittee must inform the purchaser of all responsibilities and obligations under this permit.

8. Dilution

The permittee shall not increase the use of potable or 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 this permit.

9. Adverse Impact

The Permittee shall take all reasonable steps to minimize any adverse impact to the receiving works resulting from noncompliance with any effluent limitations specified in this permit, including such accelerated or additional monitoring as necessary to determine the nature and impact of the non-complying discharge. The permittee shall immediately notify the Augusta County Service Authority

of slug discharges, spills that may enter the public sewer, or any other significant changes in operations, wastewater characteristics, and constituents.

10. General Prohibitive Standards

The permittee shall comply with all the general and specific prohibitive discharge standards in Section 4 of the Augusta County Service Authority Rules and Regulations for Wastewater Discharge.

11. Confidentiality of Information

The Augusta County Service Authority shall not at any time disclose to any person other than the appropriate officials of the Virginia Department of Environmental Quality or the U. S. Environmental Protection Agency pursuant to the requirements of the Clean Water Act, any secret formula, secret processes, or secret methods properly identified and denoted as such. Trade secrets transmitted by the Augusta County Service Authority to the Virginia Department of Environmental Quality or the U.S. Environmental Protection Agency, would be marked as such by the Authority, and will be subject to the appropriate Federal regulations governing confidentiality of such information. At no time can wastewater effluent data be claimed as confidential information.

12. Administrative Continuance

If the permittee has reapplied for permission to discharge within the specified time period and a new permit has not been issued before expiration date of current permit, then the current permit is in effect for up to 180 days after the expiration date.

**D. OPERATION AND MAINTENANCE OF POLLUTION CONTROLS**

1. Proper Operation and Maintenance

The permittee shall at all times properly operate and maintain all facilities and systems of treatment and control (and related appurtenances) which are installed or used by the permittee to achieve compliance with the conditions of this permit. Proper operation and maintenance includes but is not limited to: effective performance, adequate funding, adequate operator staffing and training, and adequate laboratory, and process controls, including assurance procedures. This provision requires the operation of back-up or auxiliary facilities or similar systems only when necessary to achieve compliance with the conditions of this permit.

2. Duty to Halt or Reduce Activity

Upon reduction, loss, or failure of the treatment facility, the permittee shall, to the extent necessary to maintain compliance with its permit, control production or all discharges or both until operation of the treatment facility is restored or an alternative method of treatment is provided. This requirement applies, for example, when the primary source of power of the treatment facility fails or is reduced. It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit.

3. Bypass of Treatment Facilities

- a. Bypass is prohibited unless it is unavoidable to prevent loss of life, personal injury or severe property damage or no feasible alternatives exist.
- b. Bypass not exceeding limitations. The permittee may allow bypass to occur which does not cause effluent limitations to be exceeded, but only if it also is for essential maintenance to assure efficient operation.
- c. Notification of bypass:
  - 1) Anticipated Bypass. If the permittee knows in advance of the need for a bypass, it shall submit prior written notice, at least 10 days before the date of the bypass to the Augusta County Service Authority, P.O. Box 859, Verona VA 24482
  - 2) Unanticipated bypass. The permittee shall immediately notify the Augusta County Service Authority and submit a written notice to the POTW within 24 hours of becoming aware of the bypass.
  - 3) Notification of bypass shall contain the following information:
    - a) Description of the discharge or slug load, the cause(s) thereof and the discharges or slug load's impact on the permittee's noncompliance status;
    - b) Duration of noncompliance, including exact dates and times of noncompliance, and if the noncompliance continues, the time by which compliance is reasonably expected to occur;
    - c) All steps taken or to be taken to reduce, eliminate and prevent recurrence of such discharge, slug load or other conditions of noncompliance.

4. Removed Substances

Solids, sludge, filter backwash, or other pollutants removed in the course of treatment or control of waste waters or intake waters shall be disposed of in accordance with section 405 of the Clean Water Act and Subtitles C and D of the Resource Conservation and Recovery Act and shall not enter the public transport/treatment works.

## **E. ADDITIONAL REPORTING REQUIREMENTS**

### 1. Change in Discharge

The permittee shall give notice to the Augusta County Service Authority 90 days prior to any facility expansion, production increase, or process modifications which results in new or substantially increased discharges or a change in the nature of the discharge.

- a. If such changes will not violate the discharge limitations, specified in this permit, the permit may be modified to specify and limit any pollutants not previously limited.
- b. If such changes violate the discharge limitations, specified in this permit, this permit will become void and a new permit application must be submitted

### 2. Anticipated Noncompliance

The permittee shall give advance notice to the Augusta County Service Authority of any planned changes in the permitted facility or activity which may result in noncompliance with permit requirements.

### 3. Duty to Provide Information

The permittee shall furnish to the Augusta County Service Authority, within a reasonable time, any information which the Augusta County Service Authority may request to determine whether cause exists for modifying, revoking and reissuing, or terminating this permit, or to determine compliance with this permit. The permittee shall also furnish to the Augusta County Service Authority, upon request, copies of records required to be kept by this permit.

### 4. Signatory Requirements

All applications, reports or information submitted to the Augusta County Service Authority shall be signed and certified as follows:

- a. All permit applications shall be signed:
  - 1) For a corporation: by a principal executive officer of a least the level of vice-president;
  - 2) for a partnership or sole proprietorship: by a general partner or the proprietor, respectively.
- b. All other correspondence, reports and self-monitoring reports shall be signed by a person described above or by a duly authorized representative of that person. A person is a duly authorized representative only if:

- 1) The authorization is made in writing by a person described in a. above; or
  - 2) The authorization specifies either an individual or a position having responsibility for the overall operation of the regulated facility or activity, such as the position of plant manager, superintendent, or position of equivalent responsibility.
- c. Certification. Any person signing a document under this section shall make the following certification:
- "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 gathered and evaluated the information submitted. Based on my inquiry of the person or persons who managed 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 a civil penalty for knowing violation."
- d. Any change in signatures shall be submitted to the Augusta County Service Authority in writing within 30 days after the change.

5. Reporting of Accidental Discharges or Slug Load

The user responsible for any accidental or detrimental discharge or slug load to a wastewater treatment system must notify the Authority by the following methods:

- a. Telephone Notification: Any user causing or suffering any discharge whether accidental or not, which presents or may present an eminent or substantial endangerment to the health, and welfare of persons, to the environment, or which is likely to cause interference with the wastewater treatment system serving the user, shall notify the Authority immediately by telephone.
- b. Written Report: Within 24 hours following such occurrence, the user shall provide the Authority with a detailed written report describing the cause of the accidental discharge or slug load and corrective measures taken by the user. Such notification shall not relieve the user of any expense, loss, or damage to the Authority's wastewater treatment system, fish kills, or any other damage to person or property; nor shall such notification relieve the user of any fines, civil penalties, or other liability which may be imposed by the Rules and Regulations or other applicable law. The written report shall specify:
  - 1) Description of the discharge or slug load, the cause(s) thereof and the upsets or slug load's impact on the permittee's noncompliance status;
  - 2) Duration of noncompliance, including exact dates and times of noncompliance, and if the noncompliance continues, the time by which compliance is reasonable expected to occur;
  - 3) All steps taken or to be taken to reduce, eliminate and prevent recurrence of such an upset, slug load or other conditions of noncompliance.



A documented and verified operating upset shall be an affirmative defense to any enforcement action brought against the permittee for violations attributable to the upset event.

- c. Notice to Employees: A notice shall be permanently posted on the user's bulletin board or other prominent location advising employees whom to call in the event of dangerous discharge. Employers shall insure that all employees who would be responsible to make calls and take appropriate actions if such a dangerous discharge were to occur are advised of the "emergency notification procedure."

6. Reporting Requirements for Known Violations Other Than Accidental Discharge

If for any reason the Permittee does not comply with the limitations of this permit, the Permittee shall notify the Authority immediately by telephone and follow in writing within five (5) days a description of the violations and the reason or explanation for said violations. The written notification shall also address the steps taken to assure compliance and to eliminate chance of reoccurrence. The Permittee shall resample, retest, and submit new test results within 30 days of becoming aware of violation.

**F. OTHER CONDITIONS**

1. State and Federal Laws

Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the Permittee from any responsibilities, liabilities, or penalties to which the Permittee is or may be subject to under any applicable State or Federal Law.

2. Special Conditions

Special conditions (Section H of this Permit) may be added to this permit at any time by the Executive Director of the Augusta County Service Authority. Special conditions may consist of compliance schedules in regard to pretreatment of the Permittee's waste stream.

3. Appeals

The Permittee has the right to appeal enforcement actions as outlined in this Permit. Notice of appeal should be given in writing to the Executive Director of the Service Authority within thirty (30) days of the Director's order. Failure to file within time limit shall be considered a waiver in right to appeal. Three members of the Authority shall be appointed to serve as the Appeals Committee.

4. Termination of Service

Water and/or sewer service to the Permittee may be terminated when:

- a. Materials damaging to sewer lines or treatment process are released by the Permittee to the sewer, causing deterioration of these structures or interfering with proper conveyance and treatment of wastewater;
- b. The effluent from the wastewater treatment plant is no longer of a quality permitted for discharge to a watercourse, and it is found that the Permittee is delivering wastes to the wastewater system, that, due to (1) significant non-compliance, as defined in the Authority's Rules and Regulations for Wastewater Discharge, with the permit or (2) a material change in

the composition or volume of the Permittee's waste stream cannot be sufficiently treated or require pretreatment; or

c. The Permittee

- 1) discharges wastewater that is in significant non-compliance of the permit issued;
- 2) fails to pay user charges for public sewer services when due;
- 3) discharges prohibited wastes to public sewers; or
- 4) violates any requirement of the Rules and Regulations.

The Executive Director will endeavor within reasonable limits to eliminate or remedy violation without resorting to termination of the Permittee's service. However, if those efforts have been unsuccessful, the Executive Director is authorized to terminate service to a Permittee.

The Executive Director shall not terminate service to a Permittee without first delivering to the Permittee written notice of such proposed termination. The notice shall state the reason or reasons of said termination and may allow a reasonable time for satisfactory compliance to meet the wastewater constituents and/or characteristic limitation(s) that are being violated.

Nothing in this permit is intended to deter, hinder or stop the Service Authority personnel from taking immediate action to terminate service to a Permittee when there is imminent risk of great danger to the wastewater facilities.

## **G. FEES, CHARGES, SURCHARGES, AND CIVIL LIABILITY**

1. Regular Service Charge

The Permittee shall pay all water and sewer charges on a prompt basis as bills are received and in accordance with Service Authority Policy.

2. Permitting Fees

When submitting an Application for Discharge Permit, the applicant shall also pay a permit fee based upon the applicant's expected or actual wastewater discharge rate. A fee of \$100 shall be paid for all applicants up to a flow of 10,000 gallons per day. Thereafter the applicant shall pay \$50 for each 5,000 gallons per day flow increment over 10,000 gpd (e.g., an applicant's wastewater discharge rate is 29,500 gallons per day. The application fee is \$300).

3. Surcharge

As a result of violations in permit limits for compatible pollutants, the permittee shall be responsible for surcharges described as follows:

- a. BOD and TSS: The permittee shall pay \$.30/pound for discharges over permitted limits.
- b. Oils and Grease: The permittee shall pay for the cost of disposal for oil and grease discharges over permitted limits.
- c. pH: The permittee shall pay for the cost of restoring the wastewater treatment plant and facilities to normal operations.

The Permittee shall be responsible for any other special surcharges that may be described in this permit.

4. Civil Liability

Any user who violates any provision of the Rules and Regulations or any condition or limitation of a Permit, or plan approval related thereto, shall be financially responsible and liable to the Authority, in addition to normal service charges and surcharges, for all costs incurred by the Authority associated with the violation of the Rules and Regulations, including, but not limited to the following:

- a. Cost of mileage and labor incurred in detecting and correcting the violation.
- b. Laboratory analysis costs associated with detecting and correcting the violation.
- c. Additional treatment costs caused by the violation or associated with detecting and correcting the violation.
- d. Costs of any additional equipment acquired or expended by the Authority for detecting or correcting the violation.
- e. Repair and/or replacement of any part of the sewage system damaged by the violation.
- f. Any liability, damages, fines, or civil penalties incurred as a result of the violation.
- g. Other costs as are associated with the detecting and correcting of the violations.

In addition, any user who violates any provision of the Rules and Regulations or any order or permit issued under the Rules and Regulations shall be liable for a civil penalty of up to \$1000.00 per day per violation.

**H. SPECIAL CONDITIONS**

**Appendix C**

**Fishersville Regional Wastewater Facility  
VA0025291**

**Compatible Pollutants  
Incompatible Pollutants  
(Local Limits)**

**FISHERSVILLE REGIONAL WWTP LOCAL LIMITS (mg/L)**

<b>Pollutant</b>	<b>Current Limit</b>
<b>BOD</b>	<b>250</b>
<b>Oil and Grease</b>	<b>100</b>
<b>pH (Standard Units)</b>	<b>6.0 - 9.5</b>
<b>TSS</b>	<b>250</b>
<b>Arsenic</b>	<b>0.48</b>
<b>Cadmium</b>	<b>0.12</b>
<b>Chromium</b>	<b>4.84</b>
<b>Copper</b>	<b>4.59</b>
<b>Cyanide</b>	<b>0.48</b>
<b>Lead</b>	<b>0.48</b>
<b>Mercury</b>	<b>0.0016</b>
<b>Nickel</b>	<b>4.85</b>
<b>Silver</b>	<b>1.21</b>
<b>Zinc</b>	<b>0.89</b>

**Appendix D**

**Middle River Regional Wastewater Facility  
VA0064793**

**Compatible Pollutants  
Incompatible Pollutants  
(Local Limits)**

<b>MIDDLE RIVER REGIONAL WWTP LOCAL LIMITS (mg/L)</b>	
<b>Pollutant</b>	<b>Current Limit</b>
<b>BOD</b>	<b>250</b>
<b>Oil and Grease</b>	<b>100</b>
<b>pH (Standard Units)</b>	<b>6.0 - 9.5</b>
<b>TSS</b>	<b>250</b>
<b>Arsenic</b>	<b>1.93 (I)</b>
<b>Cadmium</b>	<b>0.15 (S)</b>
<b>Chromium</b>	<b>2.88 (P)</b>
<b>Copper</b>	<b>2.72 (S)</b>
<b>Cyanide</b>	<b>1.66 (P)</b>
<b>Lead</b>	<b>1.06 (S)</b>
<b>Mercury</b>	<b>0.02 (P)</b>
<b>Nickel</b>	<b>0.81 (I)</b>
<b>Silver</b>	<b>3.64 (P)</b>
<b>Zinc</b>	<b>2.32 (I)</b>

**Local Limits Based On:**

- I - Inhibition**
- P - Pass-through**
- S - Sludge Quality**
- W - Water Quality**

Revised 2003

**Appendix E**

**Mt. Sidney Wastewater Facility  
VA0022322**

**Compatible Pollutants  
Incompatible Pollutants  
(Local Limits)**



**MT. SIDNEY WWTP LOCAL LIMITS (mg/L)**

<b>Pollutant</b>	<b>Current Limit</b>
<b>BOD</b>	<b>250</b>
<b>Oil and Grease</b>	<b>100</b>
<b>pH (Standard Units)</b>	<b>6.0 - 9.5</b>
<b>TSS</b>	<b>250</b>
<b>Arsenic</b>	<b>1.68</b>
<b>Cadmium</b>	<b>0.25</b>
<b>Chromium</b>	<b>0.78</b>
<b>Copper</b>	<b>0.69</b>
<b>Cyanide</b>	<b>0.66</b>
<b>Lead</b>	<b>0.30</b>
<b>Mercury</b>	<b>0.0024</b>
<b>Nickel</b>	<b>14.80</b>
<b>Silver</b>	<b>1.97</b>
<b>Zinc</b>	<b>0.69</b>

**Appendix F**

**Stuarts Draft Wastewater Facility  
VA0066877**

**Compatible Pollutants  
Incompatible Pollutants  
(Local Limits)**

<b>STUARTS DRAFT WWTP LOCAL LIMITS (mg/L)</b>	
<b>Pollutant</b>	<b>Current Limit</b>
<b>BOD</b>	<b>250</b>
<b>Oil and Grease</b>	<b>100</b>
<b>pH (Standard Units)</b>	<b>6.0 - 9.5</b>
<b>TSS</b>	<b>250</b>
<b>Arsenic</b>	<b>0.20 (BPJ-S)</b>
<b>Cadmium</b>	<b>0.04 (BPJ-S)</b>
<b>Chromium</b>	<b>1.67 (BPJ-S)</b>
<b>Copper</b>	<b>1.43 (BPJ-S)</b>
<b>Cyanide</b>	<b>0.70 (BPJ-S)</b>
<b>Lead</b>	<b>0.38 (BPJ-S)</b>
<b>Mercury</b>	<b>0.0007 (D)</b>
<b>Nickel</b>	<b>0.18 (BPJ-S)</b>
<b>Silver</b>	<b>0.23 (BPJ-W)</b>
<b>Zinc</b>	<b>1.16 (BPJ-I)</b>

**Local Limits Based On:**

- BPJ** - **Best Professional Judgment**
- D** - **Domestic Contribution**
- I** - **Inhibition**
- S** - **Sludge Quality**
- W** - **Water Quality**

**Appendix G**

**Weyers Cave Wastewater Facility  
VA0022349**

**Compatible Pollutants  
Incompatible Pollutants  
(Local Limits)**

**WEYERS CAVE WWTP LOCAL LIMITS (mg/L)**

<b>Pollutant</b>	<b>Current Limit</b>
<b>BOD</b>	<b>250</b>
<b>Oil and Grease</b>	<b>100</b>
<b>pH (Standard Units)</b>	<b>6.0 - 9.5</b>
<b>TSS</b>	<b>250</b>
<b>Arsenic</b>	<b>0.35</b>
<b>Cadmium</b>	<b>0.06</b>
<b>Chromium</b>	<b>3.47</b>
<b>Copper</b>	<b>2.72</b>
<b>Cyanide</b>	<b>0.34</b>
<b>Lead</b>	<b>0.33</b>
<b>Mercury</b>	<b>0.02</b>
<b>Nickel</b>	<b>3.31</b>
<b>Silver</b>	<b>0.87</b>
<b>Zinc</b>	<b>0.68</b>

**Appendix H**  
**Notice of Violation**

**NOTICE OF VIOLATION**

Notice of Violation No. \_\_\_\_\_ Permit No. \_\_\_\_\_  
Facility/Company Name \_\_\_\_\_  
Responsible Official \_\_\_\_\_  
Telephone No. \_\_\_\_\_  
Mailing Address \_\_\_\_\_

The evidence available to us indicated that the above facility has violated the Augusta County Service Authority's Rules and Regulations for Wastewater Discharge as follows:

**VIOLATION**

DATE

EVIDENCE

No. of Additional Violation Sheets Attached \_\_\_\_\_

No. of Previous NOVs Issued in last 6 Months \_\_\_\_\_

Each listed violation may constitute a separate offense for which penalties and/or formal enforcement action could be sought. You are responsible for immediately initiating all necessary actions and work to abate any violations. Please advise the Augusta County Service Authority in writing within 10 days of the corrective actions you intend to take to address the violations listed above and if you believe any of the listed violation(s) to be incorrect or incomplete, of the basis for your position.

Enforcement Referral- This Notice of Violation has been referred to the Augusta County Service Authority Board of Directors for consideration of enforcement action due to:

- a) The severity of the violation(s)..... \_\_\_\_\_
- b) Continuing pattern of non-compliance..... \_\_\_\_\_

For further information concerning this referral, please contact the Augusta County Service Authority, P.O. Box 859, Verona, VA 24482, (540) 245-5670.

Date Served \_\_\_\_\_

Person Served \_\_\_\_\_

\_\_\_\_\_  
(Print name and title)

Signature \_\_\_\_\_

\_\_\_\_\_  
Date

## **Appendix I**

### **Administrative Show Cause Order**



IN THE MATTER OF:

\*

-----  
(NAME OF INDUSTRY)

ADDRESS:

\*

ADMINISTRATIVE

\*

\*

SHOW CAUSE ORDER

### LEGAL AUTHORITY

The following findings are made and order issued pursuant to the authority vested in the Executive Director, under Section 7 of the Augusta County Service Authority's Rules and Regulations for Wastewater Discharge. This order is based on findings of violation of the conditions of the wastewater discharge permit issued under Section 3 of the Augusta County Service Authority's Rules and Regulations for Wastewater Discharge.

### FINDINGS

1. \_\_\_\_\_ discharges nondomestic wastewater containing pollutants into the sanitary sewer system of the Augusta County Service Authority (hereafter, "Authority").
2. \_\_\_\_\_ is an "industrial user" and/or a "significant industrial user" as defined by Section 2 of the Authority's Rules and Regulations for Wastewater Discharge.
3. \_\_\_\_\_ was issued a wastewater discharge permit on \_\_\_\_\_ which contains prohibitions, restrictions, and other limitations on the quality of the wastewater it discharges to the sanitary sewer.
4. Pursuant to the ordinance and the above-referenced permit, data is routinely collected or submitted on the compliance status of \_\_\_\_\_.
5. The data shows that \_\_\_\_\_ has violated its wastewater discharge permit in the following manner:

ORDER

THEREFORE, BASED ON THE ABOVE FINDINGS, \_\_\_\_\_ IS HEREBY ORDERED TO:

- 1. Appear at a meeting with the Executive Director to be held on \_\_\_\_\_, \_\_\_\_\_, at \_\_\_\_\_, \_\_\_\_\_, in \_\_\_\_\_.
- 2. At this meeting, \_\_\_\_\_ must demonstrate why the Authority should not pursue a judicial enforcement action against \_\_\_\_\_ at this time.
- 3. This meeting will be closed to the public.
- 4. Representatives of \_\_\_\_\_ may be accompanied by legal counsel if they so choose.
- 5. Failure to comply with this order shall also constitute a further violation of the Rules and Regulations for Wastewater Discharge and may subject \_\_\_\_\_ to civil and/or criminal penalties or such other enforcement response as may be appropriate.
- 6. This order may be cancelled without a public order notice and/or hearing if \_\_\_\_\_ provides evidence that the cause of the violation of its discharge permit has been corrected.
- 7. This order, entered this \_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_, shall be effective upon receipt by \_\_\_\_\_.

Signed: \_\_\_\_\_

Executive Director  
Augusta County Service Authority  
P.O. Box 859  
Verona, VA 24482

## **Appendix J**

### **Administrative Compliance Order**

AUGUSTA COUNTY SERVICE AUTHORITY  
AUGUSTA COUNTY, VIRGINIA  
ADMINISTRATIVE COMPLIANCE ORDER

IN THE MATTER OF:

-----  
Industry  
-----

-----  
Address  
-----

LEGAL AUTHORITY:

The following findings are made and order issued pursuant to the authority vested in the Augusta County Service Authority, under \_\_\_\_\_ . This order is based on the findings of violation of conditions of the wastewater permit issued under \_\_\_\_\_ .

FINDINGS:

1. \_\_\_\_\_ (Hereafter " \_\_\_\_\_ ") is an "industrial user" and/or a "significant industrial user" as defined by Section 2 of the Augusta County Service Authority's Rules and Regulations for Wastewater Discharge.
2. \_\_\_\_\_ discharges wastewater containing pollutants into the sanitary sewer system of the \_\_\_\_\_ WWTP.
3. \_\_\_\_\_ was issued a discharge permit on \_\_\_\_\_ which contains prohibitions, restrictions and other limitations on the quality of the wastewater it discharges.
4. Pursuant to the ordinance and the above referenced permit, data is routinely collected or submitted on the compliance status of \_\_\_\_\_ .
5. The data shows that \_\_\_\_\_ has violated the permit in the following manner:

ORDER:           Therefore, based on the above findings, IT IS HEREBY ORDERED:

1. Within

All reports and notices required by this order shall be sent, in writing to the following address:

Augusta County Service Authority  
P.O. Box 859  
Verona, VA 24482

This order does not constitute a waiver of the discharge permit which remains in full force and effect. The Augusta County Service Authority reserves the right to seek any and all remedies available to it under Section 7 of the Rules and Regulations for Wastewater Discharge for any violation cited by this order.

Failure to comply with the requirements of this order shall constitute a violation of this order and the sewer use ordinance and may subject \_\_\_\_\_ to civil and/or criminal penalties or other appropriate relief.

This order may be cancelled without a public order notice and/or hearing if \_\_\_\_\_ provides evidence that the cause of the violation of its discharge permit has been corrected.

This order entered this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, shall be effective upon receipt by \_\_\_\_\_.

\_\_\_\_\_  
Executive Director

## **Appendix K**

### **Industrial User Inventory**

**INDUSTRIAL USER INVENTORY**

Industry \_\_\_\_\_

Permit No. \_\_\_\_\_

Location \_\_\_\_\_

Discharge Volume \_\_\_\_\_

Receiving Wastewater Treatment Plant \_\_\_\_\_

Categorical \_\_\_\_\_ Significant \_\_\_\_\_

If categorical, list each industrial category \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Permit Limits: BOD5 \_\_\_\_\_ TSS \_\_\_\_\_ NH3N \_\_\_\_\_ pH \_\_\_\_\_ O&G \_\_\_\_\_

Cd \_\_\_\_\_ Cr \_\_\_\_\_ Cu \_\_\_\_\_ Ni \_\_\_\_\_ Pb \_\_\_\_\_

Zn \_\_\_\_\_ Hg \_\_\_\_\_

Basis for Limits: Categorical \_\_\_\_\_ Local Limits \_\_\_\_\_

Are BMR's required? Yes \_\_\_\_\_ No \_\_\_\_\_

Due dates: \_\_\_\_\_

Compliance dates (list and describe):

## **Appendix L**

### **Compliance Screening Checklist for Monitoring Reports**



## COMPLIANCE SCREENING CHECKLIST FOR MONITORING REPORTS

The following checklist is to be completed for each monitoring report received and submitted to the Pretreatment Coordinator along with a copy of the monitoring report within 5 days of receipt of the monitoring report.

Date: \_\_\_\_\_  
 Person Completing Checklist: \_\_\_\_\_  
 Industry: \_\_\_\_\_  
 Date Report Received: \_\_\_\_\_

1. Are reports submitted on schedule? Yes\_\_\_\_\_ No\_\_\_\_\_
2. Date report covers \_\_\_\_\_ to \_\_\_\_\_
3. Has report been properly signed? Yes\_\_\_\_\_ No\_\_\_\_\_
4. Is report original? Yes\_\_\_\_\_ No\_\_\_\_\_
5. Have all reporting requirements been met? Yes\_\_\_\_\_ No\_\_\_\_\_
6. Compare monitoring report to permit limits:

<u>Parameter</u>	<u>Compliance</u>	<u>Noncompliance</u>
Flow(MGD)	_____	_____
BOD5(mg/L)	_____	_____
TSS (mg/L)	_____	_____
O&G (mg/L)	_____	_____
pH (su)	_____	_____
As (mg/L)	_____	_____
Cd (mg/L)	_____	_____
Cr (mg/L)	_____	_____
Cu (mg/L)	_____	_____
CN (mg/L)	_____	_____
Pb (mg/L)	_____	_____
Hg (mg/L)	_____	_____
Ni (mg/L)	_____	_____
Ag (mg/L)	_____	_____
Zn (mg/L)	_____	_____

7. Enforcement Actions taken:
  - a. Phone Call \_\_\_\_ Contact Person \_\_\_\_\_ Date \_\_\_\_\_
  - b. Letter of Notification \_\_\_\_\_
  - c. NOV \_\_\_\_\_
  - d. AO \_\_\_\_\_
  - e. Civil \_\_\_\_\_ (describe)
  - f. Criminal \_\_\_\_\_ (describe)

**Appendix M**  
**Yearly Report**

YEARLY REPORT

A. PRETREATMENT PERFORMANCE SUMMARY

I. General Information

Control Authority Name \_\_\_\_\_  
 Address \_\_\_\_\_  
 City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_  
 Contact Person \_\_\_\_\_  
 Contact Telephone Number \_\_\_\_\_  
 VPDES NO. \_\_\_\_\_  
 Reporting Period \_\_\_\_\_  
 Total Categorical IUs \_\_\_\_\_  
 Total Significant Non-categorical IUs \_\_\_\_\_

II. Significant Industrial User Compliance

		<u>Significant Industrial Users</u>	
		<u>Categorical</u>	<u>Non-Categorical</u>
1)	No. of SIUs Submitting BMRs/No. Required .....	_/_	_/_
2)	No. of SIUs Submitting 90-day Compliance Reports/No. Required ....	_/_	_/_
3)	No. of SIUs Submitting Semiannual Report/No. Required .....	_/_	_/_
4)	No. of SIUs Meeting Compliance Schedule/No. Required to Meet Schedule .....	_/_	_/_
5)	No. of SIUs in Significant Noncompliance/Total No. of SIUs .....	_/_	_/_
6)	Rate of Significant Noncompliance for all SIUs (categorical and non-categorical) .....	_/_	_/_

III. Compliance Monitoring Program

1)	No. of Control Documents Issued/No. Required .....	_/_	_/_
2)	No. of Non-sampling Inspections Conducted .....	___	___
3)	No. of Sampling Visits Conducted .....	___	___
4)	No. of Facilities Inspected (Non-sampling) .....	___	___
5)	No. of Facilities Sampled .....	___	___

IV. Enforcement Actions

1)	Compliance Schedules Issued/Schedules Required .....	_/_	_/_
2)	Notices of Violations Issued to SIUs .....	___	___
3)	Administrative Orders Issued to SIUS .....	___	___
4)	Civil Suits Filed .....	___	___
5)	Criminal Suits Filed .....	___	___
6)	Significant Violators (attach newspaper list) .....	___	___
7)	Amount of Penalties Collected (Total Dollars/IUs assessed) .....	_/_	_/_

8) Other Actions (sewer bans, etc.).. ..... \_\_\_\_\_

B. UPDATE OF INDUSTRIAL USER LIST

<u>Industry Name</u>	<u>Comments</u>
<u>Address</u>	

C. INDUSTRIAL USER COMPLIANCE STATUS

<u>Industry Name</u>	<u>Compliance Status</u>
----------------------	--------------------------

D. PRETREATMENT DEVELOPMENTS

I. Summary of POTW Operations

II. Pretreatment Program Changes

III. Miscellaneous Developments

I certify that the information contained is complete and accurate to the best of my knowledge.

\_\_\_\_\_  
Printed Name

\_\_\_\_\_  
Date

## **Appendix N**

### **Public Notice of Significant Industrial Pollution Violation(s)**

PUBLIC NOTICE  
OF SIGNIFICANT INDUSTRIAL  
POLLUTION VIOLATION(S)

Listed below are significant industrial wastewater discharge violations of the Augusta County Service Authority Rules and Regulations for Wastewater Discharge occurring over the past twelve months:

Industry Name:

Address:

Violation:

Actions taken:

Schedule of Compliance:

Penalties:

**Appendix O**

**IU Inspection Form**



**AUGUSTA COUNTY SERVICE AUTHORITY  
Inspection Report Form**

**I. GENERAL INFORMATION**

- 1. Industry Name: \_\_\_\_\_
- 2. Account Number: \_\_\_\_\_
- 3. Permit No.: \_\_\_\_\_
- 4. Permit Expiration Date: \_\_\_\_\_
- 5. Industry Contact: \_\_\_\_\_ Title: \_\_\_\_\_
- 6. Contact's Telephone No.: \_\_\_\_\_ Fax No.: \_\_\_\_\_
- 7. Site Address: \_\_\_\_\_
- 8. Correspondence Address: \_\_\_\_\_
- 9. POTW Representative: \_\_\_\_\_
- 10. Inspection Type:    \_\_\_\_\_ Unannounced    \_\_\_\_\_ Scheduled    \_\_\_\_\_ New Company  
                          \_\_\_\_\_ Complaint        \_\_\_\_\_ Violation        \_\_\_\_\_ Spill  
                          \_\_\_\_\_ Other (explain)    \_\_\_\_\_
- 11. Purpose of Inspection (check whichever applies):  
    \_\_\_\_\_ Annual or Semi-annual Inspection - Complete all sections.  
    \_\_\_\_\_ Renewal of Written Permission to Discharge - Complete all applicable sections.  
    \_\_\_\_\_ Sample Event - Complete Section VI on Sampling.  
    \_\_\_\_\_ Violation - Complete Section XII and others on as need basis.
- 12. Name of Receiving POTW: \_\_\_\_\_
- 13. Nearest Pump Station: \_\_\_\_\_
- 14. Date of Last Inspection: \_\_\_\_\_
- 15. Date of Inspection: \_\_\_\_\_ Time: \_\_\_\_\_
- 16. Participants:  
    Name/Organization: \_\_\_\_\_ Title: \_\_\_\_\_  
    Name/Organization: \_\_\_\_\_ Title: \_\_\_\_\_  
    Name/Organization: \_\_\_\_\_ Title: \_\_\_\_\_  
    Name/Organization: \_\_\_\_\_ Title: \_\_\_\_\_

- 17. Is the IU subject to categorical pretreatment standards?  
\_\_\_\_ Yes      \_\_\_\_ No      If yes, list standards and applicable subcategories: \_\_\_\_\_  
\_\_\_\_\_
- 18. SIC Codes: \_\_\_\_\_
- 19. Operation Schedule:    \_\_\_\_ Monday - Friday    \_\_\_\_ Saturday    \_\_\_\_ Sunday
- 20. Number of hours per day discharge occurs: \_\_\_\_\_
- 21. Annual shutdown planned:    \_\_\_\_ Yes      \_\_\_\_ No  
If yes, when and how long: \_\_\_\_\_
- 22. Number of employees per shift:  
    1st \_\_\_\_\_    2nd \_\_\_\_\_    3rd \_\_\_\_\_    Total: \_\_\_\_\_  
\_\_\_\_\_
- 23. Total daily flow of Process Waste: \_\_\_\_\_
- 24. Boiler blowdown: \_\_\_\_\_
- 25. Cooling tower blowdown: \_\_\_\_\_
- 26. Non-contact cooling water: \_\_\_\_\_
- 27. Total daily flow of Sanitary Waste: \_\_\_\_\_
- 28. Stormwater (if applicable): \_\_\_\_\_
- 29. Wet Scrubber (Air Pollution Control Equipment): \_\_\_\_\_
- 30. Total Flow: \_\_\_\_\_
- 31. Water Consumption: \_\_\_\_\_

**II. PROCESS INFORMATION**

- 1. Provide a narrative description and updated process flow diagram of each major product line and process used within the plant. Be sure to include any Pretreatment Standards. Block process flow diagram should clearly delineate which process steps generate wastewater. The above information should be current.
- \_\_\_\_\_



When cleaned, where is the wastewater disposed? \_\_\_\_\_  
 d. Possible contaminant(s) in the boiler water discharges: \_\_\_\_\_

ii. Cooling Waters

a. Identify source(s) of non-contact cooling waters and the amount of discharges: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

b. Is the non-contact cooling water pretreated before discharge?  
       \_\_\_\_\_ Yes                      \_\_\_\_\_ No  
 If yes, type of pretreatment: \_\_\_\_\_

c. Identify the sources and amount of contact cooling water: \_\_\_\_\_

d. Is the contact cooling water pretreated before discharge?  
       \_\_\_\_\_ Yes                      \_\_\_\_\_ No  
 If yes, type of pretreatment: \_\_\_\_\_

e. Possible contaminant(s) in the contact cooling water: \_\_\_\_\_

iii. Floor Washings/Waxing

a. What is the frequency of floor washings? \_\_\_\_\_  
 b. Approximate amount of water? \_\_\_\_\_  
 c. How was the water calculated? \_\_\_\_\_  
 d. Is the floor washing wastewater pretreated before being discharged?  
       \_\_\_\_\_ Yes                      \_\_\_\_\_ No  
 If yes, type of pretreatment: \_\_\_\_\_

iv. Equipment Washing

a. List equipment, frequency of washing and volume of water used:

Equipment	Frequency	Volume used / washing

v. Other Wastewater Generated (Including Air Pollution Control Equipment)

\_\_\_\_\_  
 \_\_\_\_\_

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**IV. PRETREATMENT**

1. Describe the pretreatment system used by the facility. If the system has multiple process steps, provide a block diagram indicating the treatment steps and their sequence. Attach copies of vendor specifications and drawings, and actual operating data, if these are changed from last submission.

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**V. HAZARDOUS WASTE INFORMATION**

1. Is the facility a RCRA Hazardous Waste generator (either through the basic process or residuals from treatment processes)?  Yes  No  
If yes provide EPA/Virginia Hazardous Waste I.D. Number: \_\_\_\_\_

2. Has the POTW notified the industry of RCRA obligations?  Yes  No

3. Describe the methods for handling, storing, and disposing of solid waste residuals. (Record name and business address of any contract hauler. Also identify the containment systems, labeling, barriers, type of waste): \_\_\_\_\_  
\_\_\_\_\_

4. Are there any residual chemicals disposed to the process sewer?  
 Yes  No

**VI. SAMPLING**

1. Does the facility have a control manhole for sampling access?  
 Yes  No If so, where is it located? \_\_\_\_\_

2. Is the sampling point:  end of pipe  end of process

3. If it is "end of pipe," where does the regulated process combine with the unregulated wastewater?  
\_\_\_\_\_

4. Is the final waste stream a combined process waste stream?  Yes  No If yes, are the waste streams combined prior to pretreatment?  Yes  No  N/A

5. If the industry has several waste streams regulated by categorical standards, are other safe locations available that are appropriate for sampling at the end of these processes? If yes, where are they located? \_\_\_\_\_



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3. Are chemical storage areas located in close proximity to floor drains?  Yes  No  
If so, do the floor drains discharge to the sanitary or storm sewer? \_\_\_\_\_

4. Are employees informed of the need to keep unauthorized chemicals out of the sanitary sewer?  
 Yes  No If yes, by what means: \_\_\_\_\_

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**VIII. OTHER INFORMATION**

1. Does the industry have a current solvent/toxic organic management plan? (How solvents are used, stored , and disposed of). \_\_\_\_\_
2. How does industry report Total Toxic Organics (TTO's)?  
 Analysis  Certification Statement  N/A
3. Is the industry on a compliance schedule for the installation of any technology required to meet the applicable pretreatment standards?  Yes  No If so, note the progress of the industry (keeping schedule, etc.) \_\_\_\_\_

**IX. RECORDS**

1. Is proper Signatory Authority being utilized?  Yes  No
  2. Authorized Signatory/Title: \_\_\_\_\_
  3. Is Certification Statement being submitted?  Yes  No
  4. Are records available for at least three (3) years?  Yes  No
  5. Comments: \_\_\_\_\_
- 
- 
- 

**X. POLLUTION PREVENTION**

1. Identify all the pollution prevention measures undertaken in the past twelve (12) months.
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2. Are there any other pollution prevention plans for the near future? If so, explain.

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**IX. INSPECTION NOTES** - This section to be filled out by POTW inspector.

1. Check List

- ( ) Production Area
  
- ( ) Chemical Storage Area
  
- ( ) Floor Washing Procedures
  
- ( ) Boiler
  
- ( ) Cooling Tower
  
- ( ) Air Pollution Control Devices
  
- ( ) Laboratory (Color and Black & Varnish)
  
- ( ) Machinery Repair Areas
  
- ( ) Solid/Shipping Areas
  
- ( ) Pretreatment Unit
  
- ( ) Records
  
- ( ) Sampling Points

2. Floor Drains Use: Any improperly placed floor drains? \_\_\_\_\_

3. Located stains or other indications of chemical spills at or near floor drains, or sewer entry points. If yes, identify. \_\_\_\_\_



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Inspector's Signature

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Date

**XII. REQUIREMENTS / RECOMMENDATIONS / COMMENTS:**

1. List all the actions that are to be taken prior to the next inspection and their target dates for completion.

a. ACTION ITEMS:

b. RECOMMENDATIONS:

**Appendix P**  
**Field Sampling Form**

**AUGUSTA COUNTY SERVICE AUTHORITY  
FIELD SAMPLING**

Industry: \_\_\_\_\_ Inspector (s) \_\_\_\_\_

Sample Location: \_\_\_\_\_

Composite Sample: Start Date: \_\_\_\_\_ End Date: \_\_\_\_\_

Start Time: \_\_\_\_\_ End Time: \_\_\_\_\_ Sample Temperature: \_\_\_\_\_ °C

Grab Sample: Date: \_\_\_\_\_ Time: \_\_\_\_\_

Air Temperature: \_\_\_\_\_ °F Weather Condition: \_\_\_\_\_

1. Is sampling routine \_\_\_\_\_ or in response to a violation \_\_\_\_\_

2. Has Industry been notified? Yes \_\_\_\_\_ No \_\_\_\_\_

3. Name of Contact Person: \_\_\_\_\_ Date Contacted: \_\_\_\_\_

Inspector's Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Parameter	Concentration (mg/L)	Sample Type*	Preservative Used
Flow (gpd)			
BOD <sub>5</sub>		C	
TSS		C	
O&G		G	H <sub>2</sub> SO <sub>4</sub>
pH (S.U.)		G	
NH <sub>3</sub> -N		C	H <sub>2</sub> SO <sub>4</sub>
Arsenic		C	HNO <sub>3</sub>
Cadmium		C	HNO <sub>3</sub>
Chromium		C	HNO <sub>3</sub>
Copper		C	HNO <sub>3</sub>
Cyanide		G	NaOH
Lead		C	HNO <sub>3</sub>
Mercury		C	HNO <sub>3</sub>
Nickel		C	HNO <sub>3</sub>
Silver		C	HNO <sub>3</sub>
Zinc		C	HNO <sub>3</sub>

\* C = Composite; G = Grab; Con = Continuous

*Note: If analysis is done by an outside laboratory, attach report sheet to this form. Report to be submitted to the Pretreatment Coordinator within 5 working days of final laboratory analysis. Send copy of sampling results to Industry.*

1. Is the Industry in compliance \_\_\_\_\_ or non-compliance \_\_\_\_\_ with Permit Requirements?

2. If non compliance, list violations: \_\_\_\_\_

Has Industry been notified of compliance status? Yes \_\_\_\_\_ No \_\_\_\_\_

3. If not why not? \_\_\_\_\_

4. If so, name of person contacted: \_\_\_\_\_

Date Contacted: \_\_\_\_\_ Telephone No.: \_\_\_\_\_

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

## **Appendix Q**

### **Chain of Custody Document**

**Augusta County Service Authority  
Chain of Custody**

Sample Description:											
Sampler:					Analysis Requested						
Location	Date	Time	C	G	BOD	TSS	Ammonia				
Samples Relinquished by:		Date	Time		Samples Received by:				Date	Time	

C - 24 Hour Composite Sample; G - Grab Sample

## **Appendix R**

### **“New Source” Definition**



## **“New Source” Definition**

- (k)
- (1) The term “New Source” means any building, structure, facility or installation from which there is or may be a discharge of pollutants, the construction of which commenced after the publication of proposed 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 that section, provided that:
    - (i) The building, structure, facility or installation is constructed at a site at which no other source is located; or
    - (ii) The building, structure, facility or installation totally replaces the process or production equipment that causes the discharge of pollutants at an existing source; or
    - (iii) The production or wastewater generating processes of the building, structure, facility or installation are substantially independent, factors such as the extent to which the new facility is engaged in the same general type of activity as the existing source should be considered.
  - (2) Construction on a site at which an existing source is located results in a modification rather than a new source if the construction does not create a new building, structure, facility or installation meeting the criteria of paragraphs (k)(1)(ii), or (k)(1)(iii) of this section but otherwise alters, replaces, or adds to existing process or production equipment.
  - (3) Construction of a new source as defined under this paragraph has commenced if the owner or operator has:
    - (i) Begun, or caused to begin as part of a continuous on-site construction program:
      - (A) Any placement, assembly, or installation of facilities or equipment; or
      - (B) 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
    - (ii) 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, or contracts for feasibility, engineering, and design studies do not constitute a contractual obligation under this paragraph.