

REGULATED INDUSTRIAL  
WASTEWATER DISCHARGE PERMIT

PERMIT NO. \_\_\_\_

In compliance with the existing provisions of the City of Columbia Code of Ordinances, the Federal Clean Water Act (PL 95-217) and the General Pretreatment Regulations for Existing and New Sources of Pollution (40 CFR Part 403), and any future supplements and/or changes thereto,

(Industry Name)

(Industry Address)

(Industry Address)

(SIC NUMBER (S))

is hereby permitted to discharge sewerage effluent into the City of Columbia's sewer lines at \_\_\_\_\_  
\_\_\_\_\_ at a rate of \_\_\_\_\_ gallons per day.

This Permit is granted in accordance with:

- a. The Regulated Industrial Wastewater Survey Questionnaire/Discharge Permit Application dated \_\_\_\_\_, a copy of which is attached hereto and made a part of this Permit;
- b. Any plans, specifications and/or other data submitted to and approved by the City in support of the above referenced Questionnaire/Application and on file in the office of the Director of Utilities and Engineering under File Reference N/A; and
- c. The effluent limitations, monitoring requirements and other conditions set forth in Parts I and II, hereof.

This Permit shall become effective on \_\_\_\_\_.

This Permit and authorization to discharge shall expire at midnight on \_\_\_\_\_.

\_\_\_\_\_  
Date

\_\_\_\_\_  
Pretreatment Program Coordinator

SPECIAL CONDITIONS

A. EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

1. During the period beginning on the effective date of this Permit and lasting through the expiration date, discharges shall be limited and monitored by the Permittee as follows:

a. Limitations on Wastewater Strength

Parameter	Monthly Average of Daily Values		Maximum of Any One Day Value	
	mg/l	lbs/day	mg/l	lbs/day

DRAFT

b. Monitoring Requirements

<b>Parameter</b>	<b>Measurement Frequency</b>	<b>Sampling Point</b>	<b>Sample Type</b>	<b>Method of Analysis</b>
				40 CFR 136
				40 CFR 136
				40 CFR 136
				40 CFR 136
				40 CFR 136

\*\*\*\* The sampling station shall be the location depicted on the diagram attached hereto and incorporated herein by reference as Attachment 1".

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2. In addition to the above specified limitations and monitoring requirements, the pH of the effluent shall not be less than 6.0 standard units or greater than 9.0 standard units.

**B. SCHEDULE OF COMPLIANCE**

1. The Permittee shall achieve compliance with the effluent limitations specified for discharges in accordance with the following schedule:

N/A at this time.

2. No later than fourteen (14) days following a date identified in the above schedule of compliance, the Permittee shall submit either a report of progress or, in the case of specific actions being required by identified dates, a written notice of compliance or noncompliance. In the latter case, the notice shall include the reason for noncompliance, any remedial actions taken, the date compliance is expected and steps being taken to return to the compliance schedule as originally set forth.

**C. MONITORING AND REPORTING REQUIREMENTS**

1. Samples and measurements shall be taken as required in Item A,1,b, above, and shall be representative of the volume and nature of "normal" daily operations.

2. Monitoring results shall be summarized Monthly (Reporting Period) and reported on a Regulated Industrial Wastewater Discharge Monitoring Form provided by the City of Columbia. A copy of the monitoring data shall be submitted with the Monitoring Form.

3. Monitoring reports shall be postmarked no later than the 21st day of the month following the completed reporting period. The first Discharge Monitoring Report is due postmarked no later than the 21<sup>st</sup> day of the month following the month this Permit becomes effective.

4. Monthly averages, for reporting purposes, shall be calculated as follows:

- a. For monthly reporting, the monthly average shall be the arithmetic mean of all samples collected during the report month.
- b. For reporting periods greater than one month, the monthly average shall be the arithmetic mean of all monthly averages calculated as specified in 4.a. above, during the reporting period.

The arithmetic mean of any set of values is the summation of the individual values divided by the number of individual values.

5. The average daily flow limit expressed in this Permit is the 24 hour average flow. It is determined as the arithmetic mean of the total daily flows recorded during the reporting period.

6. A "composite sample" is any of the following:

- a. Not less than four effluent portions collected at regular intervals over a period of 24 hours and composited in proportion to flow.
- b. An effluent portion collected continuously over a period of 24 hours.

7. A "grab sample" is an individual discrete sample or single effluent portion of at least 100 milliliters collected at a time representative of the discharge and over a period not exceeding 15 minutes and retained separately for analysis.

8. Testing and sampling procedures for the analysis of pollutants as required in Item A,1,b, above, shall conform with procedures contained in 40 CFR Part 136 and amendments thereto.

9. If the Permittee monitors any pollutant at the location(s) designated herein more frequently than required in Item A,1,b, above, using 40 CFR Part 136 test methods as specified herein, such increased frequency shall be reported, the results of such monitoring shall be included in the calculation and reporting of the values required in the Regulated Industrial Wastewater Discharge Monitoring Form, and a copy of the monitoring data shall be submitted with the Monitoring Form.

10. For each measurement or sample taken using 40 CFR Part 136 test methods, the Permittee shall record, at a minimum, the following information:

- a. the exact place, date and time of sampling;
- b. the dates the analyses were performed;
- c. the person(s) who performed the analyses; and
- d. the analytical techniques or methods used.

11. In instances where monitoring results are below the analytical detection limit, the Permittee must report the numerical detection limit to ensure compliance.

12. If sampling performed by the Permittee indicates a violation, the Permittee shall notify the City of Columbia, Department of Utilities and Engineering, Engineering Operations Manager (or designee) at 545-3400 within 24 hours of becoming aware of the violation. The Permittee shall also repeat the sampling and analysis and submit the results of the repeat analysis to the City of Columbia within 30 days after becoming aware of the violation.

13. Regulated Industrial Wastewater Discharge Monitoring Forms, and all other reports required herein, shall be submitted to:

The City of Columbia  
Department of Utilities and Engineering  
Engineering Operations Manager  
(or designee)  
P. O. Box 147  
Columbia, South Carolina 29217

D. OTHER SPECIAL CONDITIONS

1. The Permittee shall pay to the City of Columbia an annual fee for this permit of \$200.00.

2. The Permittee shall pay to the City of Columbia an Industrial Surcharge based on the amount and nature of compliance monitoring and analysis required and any other costs associated with the Permittee for services under the Industrial Pretreatment Program. This surcharge will be invoiced by the City on a monthly basis and is due and payable to the City upon the receipt of invoice by the Permittee.

3. Permittee's pretreatment system is classified as a { } as defined in the South Carolina Code of Laws, Section 48-1-110 (1976), as amended. The Permittee shall employ or retain an operator with, at a minimum, a Grade { } certificate to operate its pretreatment system.

### GENERAL CONDITIONS

1. All discharges authorized herein shall be consistent with the terms and conditions of this Permit. The discharge of any pollutant identified in this Permit more frequently than or at a level in excess of that authorized shall constitute a violation of the Permit. Any anticipated facility expansions, production increases, or process modifications which will result in new, different, or increased discharges of pollutants must be reported by submission of a new Regulated Industrial Wastewater Survey Questionnaire/Discharge Permit Application or, if such changes will not violate the effluent limitations specified in this Permit, by notice to the City of Columbia, Department of Utilities and Engineering, Engineering Operations Manager (or designee) of such changes. Following such notice, the Permit may be modified to specify and limit any pollutants not previously limited.
2. All discharges authorized herein shall be consistent with the terms and conditions of the City of Columbia Code of Ordinances, Chapter 23, Articles IV and V and all Federal and State requirements and limitations on wastewater discharges. Federal and State requirements and limitations on discharges shall apply in any case where they are more stringent than and/or omitted from reference in the requirements set forth in the City of Columbia's Ordinances.
3. In the event of any change in control or ownership of facilities from which the authorized discharges emanate, the Permittee shall notify the succeeding owner or controller of the existence of this Permit by letter, a copy of which shall be forwarded to the City of Columbia, Department of Utilities and Engineering, Engineering Operations Manager (or designee). THIS PERMIT IS NON-TRANSFERABLE.
4. The City of Columbia, Department of Utilities and Engineering will evaluate, at least once every two years, whether the Permittee needs a plan to control slug discharges. For the purpose of this section, a slug discharge is any discharge of non-routine, episodic nature, including but not limited to an accidental spill or a non-customary batch discharge. Should a slug control plan be required, the plan shall contain, at a minimum, the following elements:
  - a. Description of discharge practices, including non-routine batch discharges;
  - b. Description of stored chemicals;

c. Procedures for immediately notifying the City of Columbia, Department of Utilities Engineering, Engineering Operations Manager (or designee) of slug discharges, including any discharge that would violate a prohibition under 40 CFR 403.5(b), with procedures for follow-up written notification within five (5) 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, and/or measures and equipment for emergency response.

5. The Permittee is required to report all slug discharges, spills or malfunctions of pretreatment equipment immediately by phone and followed in writing to City of Columbia, Department of Utilities and Engineering, Engineering Operations Manager (or designee), P. O. Box 147, Columbia, South Carolina 29217, phone (803) 545-3400. Such report must include, at a minimum, a description of the nature and duration of the discharge and the steps necessary to remedy the situation.

6. Any diversion from or bypass of facilities necessary to maintain compliance with the terms and conditions of this Permit is prohibited. If, for any reason, the Permittee bypasses and/or does not comply with or will be unable to comply with any effluent limitations specified in this Permit, the Permittee shall notify the City of Columbia, Department of Utilities and Engineering, Engineering Operations Manager (or designee) at (803) 545-3400 of the bypass and/or noncompliance condition within 24 hours of becoming aware of the violation. The Permittee shall provide the following information to the Operations Division Manager (or designee) in writing within five (5) working days of becoming aware of such conditions:

- a. A description of the discharge and cause of non-compliance; and
- b. The period of non-compliance, including exact dates and times; or, if not corrected, the anticipated time the non-compliance is expected to continue, and steps being taken to reduce, eliminate and prevent recurrence of the noncomplying discharge.

7. Any dilution of wastes which would otherwise exceed applicable maximum concentration limitations for any wastewater constituent is prohibited.

8. Upon promulgation of Federal Categorical Pretreatment Standards, the City will notify the applicable Regulated Industries of any additional requirements which may require modifications to or reissuance of this Permit. Should the Permittee wish to contest the determination that the Standards are applicable, the City will provide the necessary steps to take in contesting this determination.

Within 180 days after the effective date of a Categorical Pretreatment Standard, any non-domestic discharger that will have to meet that new Standard must notify the City of its existence and fill out a Regulated Industrial Wastewater Survey Questionnaire/Discharge Permit Application and a sampling report as described in 40 CFR Part 403.12(b), as amended

9. After notice and opportunity for a hearing, this Permit may be modified, suspended, or revoked in whole or in part during its term for cause including, but not limited to, the following:

- a. Violation of any terms or conditions of this Permit, the City of Columbia Code of Ordinances, Chapter 23, Articles IV and V, and South Carolina Code governing wastewater discharge and/or the General Pretreatment Regulations for Existing and New Sources of Pollution (40 CFR Part 403);
- b. Obtaining this Permit by misrepresentation or failure to disclose fully all relevant facts; or
- c. A change in any condition that requires either a temporary or permanent reduction or elimination of the authorized discharge.

10. The City may modify or reissue the Permit as local, state or federal regulations change or as needed to prevent pass through or interference, regardless of the expiration date.

11. Any person who violates any provision of this Permit, or plan approval related thereto, shall be deemed in violation of the City of Columbia Code of Ordinances and as such shall be financially responsible and liable to the City, in addition to normal service charges, surcharges for industrial wastes, Permit fees and/or Industrial Pretreatment Program Surcharges for all costs incurred by the City associated with the violation of the Ordinance/Permit, including, but not limited to, the following:

- a. Cost of mileage and labor incurred in detecting and correcting the violation.
- b. Laboratory analysis cost associated with detecting and correcting the violation.
- c. Additional treatment costs caused by the violation or associated with detecting and correcting the violation.
- d. Repair and/or replacement of any part of the sewerage system damaged by the violation.
- e. Any liability, damages, fines or penalties incurred by the City as a result of the violation.
- f. Other costs as are associated with the detecting and correction of the violations.

12. Any person who violates any provisions of this Permit or plan approval related thereto; or who knowingly makes any false statement, representation, or certification in any application, record, report, plan or other document or files required pursuant to this Permit; or who falsifies, tampers with or knowingly renders inaccurate any monitoring device; or who violates any final determination of the City as required by state or federal law shall be deemed in violation of the City of Columbia Code of Ordinances and as such may be deemed guilty of a misdemeanor and/or may be subject to civil penalties as provided for in the Code of Laws of South Carolina, 1976, section 6-11-285 not to exceed \$2,000.00 per violation per day.

13. The Permittee agrees to allow authorized employees of the City of Columbia, the Department of Health and Environmental Control or the Environmental Protection Agency, on the premises at any time for the purposes of inspection, records examination and sampling as connected with the Pretreatment Program.

14. The Permittee is required to maintain and make available for inspection upon request all records required by 40 CFR Part 403.12. The Permittee must also maintain for a period of five (5) years and make available for inspection upon request the following records:

- a. the date, the exact place and time, the method and the name(s) of person(s) taking samples;
- b. the date and time each analysis was performed;
- c. the name of the person performing the analysis;
- d. the analytical techniques and results of analysis.

15. All reports prepared in accordance with the terms and conditions of this Permit shall be available for public inspection at the offices of the City of Columbia. Effluent data shall not be considered confidential.

City of Columbia

Regulated Industrial Wastewater Discharge Monitoring Form

1. Company Name: \_\_\_\_\_

Address: \_\_\_\_\_

Name and Position  
Of Principal  
Executive Officer: \_\_\_\_\_

Contact Person: \_\_\_\_\_

Telephone: \_\_\_\_\_

Pretreatment Plant  
Operator: \_\_\_\_\_

2. Discharge  
Permit Number: \_\_\_\_\_ 051 \_\_\_\_\_

3. Reporting Interval: \_\_\_\_\_ to \_\_\_\_\_  
YR/MO/DAY YR/MO/DAY

4. Discharge Limits: \_\_\_\_\_

Parameter	Permitted Conditions				Reported From Sampling			
	mg/l	lbs/day	mg/l	lbs/day	mg/l	lbs/day	mg/l	lbs/day

City of Columbia  
Regulated Industrial Wastewater Discharge Monitoring Form

5.                      Permitted Conditions                      Reported From Sampling

Maximum gpd                      \_\_\_\_\_

Maximum gpm                      \_\_\_\_\_

(Attach record of all daily flows that exceed the daily permitted flow.)

6.    Compliance:   [ ] yes                      [ ] no

7.    Sample Date(s): \_\_\_\_\_                      Analysis Date(s): \_\_\_\_\_

Sample Time(s): \_\_\_\_\_                      Analysis By: \_\_\_\_\_

Sample Type: \_\_\_\_\_                      Receipt Date(s): \_\_\_\_\_

Sampled By: \_\_\_\_\_                      Receipt By: \_\_\_\_\_

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 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, 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.

\_\_\_\_\_  
Date

\_\_\_\_\_  
Signature of Principal Executive  
Officer or Authorized Agent

JC/sr