SPRINGFIELD METRO SANITARY DISTRICT
INDUSTRIAL PRETREATMENT WASTWATER PROGRAM
WASTEWATER DISCHARGE PERMIT
#10-NC-012

Tim Hasara	**Application Date:**	**02/01/12**
Plant Operator	**Issuance Date:**	**03/01/12**
SSWC	**Effective Date:**	**03/01/12**
9199 Buckhart Road	**Expiration Date:**	**02/28/17**
Rochester, IL 62563	**Renewal Due Date:**	**12/01/16**
(217) 361-5551		

SMSD PERMIT #10-NC-012

In accordance with the provisions of Section 4.05 in the Springfield Metro Sanitary District's Pretreatment Program Ordinance as amended in 1996:

South Sangamon Water Commission
9199 Buckhart Road
Rochester, IL 62563

is hereby authorized to haul industrial wastewater from the above identified facility and discharge into collection system located at the Jaycee Park in Chatham IL. (Exhibit A) Discharge will then flow into the Springfield Metro Sanitary District's Spring Creek Wastewater Treatment Facility, located at 3000 N. 8th in Springfield, IL, in accordance with the conditions set forth of its obligation to comply with any or all applicable pretreatment regulations, standards, requirements, or laws that may become effective during the term of this permit.

Non-Compliance with any term or condition of this permit shall constitute a violation of the Springfield Metro Sanitary District's Pretreatment Program Ordinance.

This permit shall become effective on March 01, 2012 and shall expire at midnight on February 28, 2017. The permittee is not authorized to discharge after the above expiration date. In order to receive authorization to discharge beyond the expiration date, the permittee shall submit proper application, as required by Section 4.05 in the Springfield Metro Sanitary District's Pretreatment Ordinance, at least ninety (90) days prior to the expiration date.

Gregg Humphrey, Executive Director
Springfield Metro Sanitary District

SPRINGFIELD METRO SANITARY DISTRICT
INDUSTRIAL PRETREATMENT WASTEWATER PROGRAM
WASTEWATER DISCHARGE PERMIT
#10-NC-012

PART 1 - EFFLUENT LIMITATIONS

A. During the period of March 1, 2012 to February 28, 2017 the permittee is authorized to discharge process wastewater to the Springfield Metro Sanitary District's (SMSD) Sewer System from the location listed below:

1. Waste produced at water treatment plant, located at 9199 Buckhart Road Rochester, IL. shall be hauled to discharge point, located at the Jaycee Park in Chatham IL. See exhibit A

B. During the period of March 1, 2012 to February 28, 2017 the discharge from the wastewater pretreatment system shall not exceed the following effluent limitations.

EFFLUENT LIMITATIONS

PARAMETER	DAILY MAX.	SOURCE OF LIMITS	SAMPLE TYPE
pH	5.0-12.0 Units	Ordinance	Grab
FOG	100 mg/l	Ordinance	Grab
TSS	250 mg/l	Ordinance	Composite
Cadmium	2.96 mg/l	Ordinance	Composite
Copper	2.77 mg/l	Ordinance	Composite
Cyanide, T	1.38 mg/l	Ordinance	Grab
Lead	2.19 mg/l	Ordinance	Composite
Nickel	1.95 mg/l	Ordinance	Composite
Zinc	9.33 mg/l	Ordinance	Composite
TTO	4.57 mg/l	Ordinance	Grab
Silver	0.24 mg/l	Ordinance	Composite
Arsenic	0.14 mg/l	Ordinance	Composite
Chromium, Hex	2.23 mg/l	Ordinance	Composite
Chromium, Total	24.02 mg/l	Ordinance	Composite
Mercury	0.0005 mg/l	Ordinance	Composite
Phenol	21.42 mg/l	Ordinance	Composite
BOD	200 mg/l	Ordinance	Composite
Chloride	30,000 mg/l	Permit	Composite

C. During the period of March 1, 2012 to February 28, 2017 the effluent from all other nonprocess or domestic wastewater shall also comply with Section 3.01 as stated in the SMSD Ordinance.

D. The permittee's process wastewater discharge limits are as follows:

1. Process discharge is allowed during the hours of 6:00 a.m. - 8:00 p.m. Monday - Friday. Saturday discharge will be allowed if needed.
2. Maximum daily process discharge allowed is 32,000 gallons per day.

E. The permittee shall not discharge wastewater containing the following substances from its facility:

1) Any liquids, solids or gasses which by reason of their nature or quantity are, or may be, sufficient either alone or by interaction to cause fire or explosion or are injurious in any other way to the operation of the POTW.

2) Any wastestream with a closed cup flashpoint of less than 140 degrees Fahrenheit or 60 degrees Centigrade.

3) Solids or viscous substances including FOG, which will or may cause obstruction to the flow in a sewer, accumulate in wet wells or other interference with the operation of District facilities. This includes, but is not limited to, any material which can be disposed of as trash.

4) Any wastewater having pH less than 5.0 or greater than 12.0 or having any other corrosive property capable of causing damage or hazard to structures, equipment, or personnel of the system.

5) Any wastewater containing toxic or hazardous pollutants in sufficient quantity, either singly or by interaction to interfere with any wastewater treatment process, constitute a hazard to humans or animals, to exceed the limitation set forth in National Categorical Pretreatment Standards (as contained in 40 CFR Chapter 1, Subchapter N, parts 405-471) promulgated by the USEPA in accordance with Section 307(b) and (c) of the Act or pass through the POTW and pollute the waters of the State.

A toxic or hazardous pollutant shall include but not be limited to any pollutant identified in the Priority Pollutant List set forth in Appendix A (Exhibit C & D) hereto and/or 40 CFR part 261.

6) Any noxious or malodorous liquids, gasses, or solids which either singly or by interaction are capable of creating a public nuisance or hazard to life or are sufficient to prevent entry into the District sewers for their maintenance and repair.

7) Any substance which may cause the District's effluent or treatment residues, sludges, or scums, to be unsuitable for reclamation and reuse or to interfere with the reclamation process. In no case, shall a substance discharge to the District cause the District to be in noncompliance with sludge use or disposal criteria, the District's IEPA Sludge Disposal Operating Permit, guidelines or regulations developed under Section 405 of the 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 standards applicable to the sludge management method being used.

8) Any substance which will cause the District to violate its NPDES Permits.

9) Any substance with objectionable color not removed in the treatment process, such as, but not limited to, dye wastes and vegetable tanning solutions.

10) Any wastewater having a temperature at the point of discharge to the POTW which will inhibit biological activity in the POTW treatment plant resulting in interference; in no case shall wastewater be introduced to the District's facilities which exceed 65E C (149E F) or which exceeds 40E C (104E F) at the District's treatment plants.

11) Any slug load.

12) Any substance which results in the presence of toxic gases, vapors or fumes within the POTW or District sewers in a quantity that may cause acute worker health and safety problems.

13) Any wastewater containing radioactive wastes or isotopes of such half-life or concentration that exceeds limits established by the District in compliance with applicable State and Federal regulations.

14) Petroleum oil, nonbiodegradable cutting oil or products of mineral oil origin in amounts that will cause, interference or pass through.

15) Any trucked or hauled pollutants, except at discharge points permitted by the District.

SPRINGFIELD METRO SANITARY DISTRICT
INDUSTRIAL PRETREATMENT WASTEWATER PROGRAM
WASTEWATER DISCHARGE PERMIT
#10-NC-012

F. All discharge shall comply with all other applicable laws, regulations, Standards and requirements contained in Chapter 3 in the SMSD's Pretreatment Ordinance.

PART 2 - MONITORING REQUIREMENTS

A. In accordance with the Pre-Treatment ordinance sampling shall be as follows;

1) The District shall sample once (1) a week for first six (6) weeks.

2) The District will then sample once (1) every two (2) weeks for the next six (6) weeks

3) The District will then sample once (1) a month every month for duration of permit

4)_All costs incurred by SMSD shall be billed to the permittee_for payment by the permittee. Costs for testing shall be listed in the Pre-Treatment Ordinance if performed by the District or be based on actual costs for tests performed utilizing an outside lab. In addition permittee will be billed per gallon of discharge_as outlined in the SMSD sewer user charge chart. Exhibit B_(base user charge)

PARAMETER	SAMPLE TYPE
Flow (Gal./Day	Meter
pH	Grab
FOG	Grab
TSS	Composite
Cadmium	Composite
Chromium, Hex	Composite
Copper	Composite
Cyanide, T	Grab
Lead	Composite
Nickel	Composite
Zinc	Composite
TTO	Grab
Silver	Composite
BOD	Composite
Phenol	Composite
Chromium,Total	Composite
Mercury	Composite
Arsenic	Composite
Chloride	Composite

B. If the results of the permittee's wastewater analysis indicates a violation of this permit has occurred, the SMSD shall repeat the sampling for the pollutant(s) within thirty (30) days. The permittee will be notified about any excursion and will be required to respond to the reason(s), in writing, for the excursion(s) and what remedial action(s) will be taken to ensure compliance.

PART 3 - REPORTING REQUIREMENTS

A. Accidental Discharges

The Permittee shall provide protection from the accidental discharge of prohibited or regulated materials or substances established by the Springfield Metro Sanitary District Sewer Use Ordinance. Where necessary, facilities to prevent the accidental discharge of prohibited materials shall be provided and maintained at the Permittee's expense.

B. Accidental Discharge Report

The permittee shall notify the SMSD immediately upon the occurrence of an accidental discharge of substances prohibited by Section 3.05 in the Pretreatment Program Ordinance or any slug loads or spills that may enter the sanitary sewer system. During normal business hours the SMSD should be notified by telephone at 528-0491 or leave a message after 5:00 p.m. Monday - Friday or weekends and holidays. The notification shall include location of discharge, date and time of occurrence, type of waste, including concentration and volume, and corrective actions taken. The permittee's notification of accidental releases in accordance with this section does not relieve it of other reporting requirements that arise under local, State, or Federal laws.

Within five (5) days following an accidental discharge, the permittee shall submit to the SMSD a detailed written report. The report shall specify:

1. Description and cause of the upset, slug load or accidental discharge, the cause thereof, and the impact on the permittee's compliance status. The description should also include the location of discharge, type, concentration and volume of waste.

2. Duration of noncompliance, including exact dates and times of noncompliance and, if the noncompliance is continuing, the time of which compliance is reasonably expected to occur.

3. All steps taken or to be taken to reduce, eliminate, and/or prevent recurrence of such an upset, slug load, accidental discharge, or other conditions of noncompliance.

B. All reports required by this permit shall be submitted to the Pretreatment Coordinator at the following address:

Springfield Metro Sanitary District
ATTN: Pre-Treatment Coordinator
3000 N. 8th St.
Springfield, IL 62707

PART 4 - SPECIAL CONDITIONS

A. The permittee shall display signs permanently posted in conspicuous places on the premises advising employees whom to call in the event of an upset, slug load or accidental discharge as stated in Section 3.05 in the Pretreatment Ordinance. These signs must also be placed at the Chatham discharge location.

B. The permittee shall dispose of any production sludges in a responsible manner per local, State or Federal regulations.

C. The permittee shall submit to the SMSD Semi-Annual Reports for the period of January 1 - June 30 (report due August 15) and the period July 1 - December 30 (report due February 15). Said reports will be provided to the permittee prior to the end of each reporting period. SMSD Ordinance, Section 4.02.5.

D. The permittee shall notify the SMSD at least thirty (30) days in advance of a planned change in production that may increase the amount of known pollutants or add new pollutants to the wastestream as stated in Section 3.06 in the Pretreatment Ordinance. The increased pollutants may be denied or limited where such contributions do not meet applicable Pretreatment Standards or Requirements or where such contributions would cause the SMSD to violate its NPDES permit. SMSD Ordinance, Section 3.06.

E. The permittee shall be required to complete a new Baseline Report if there are substantial operational changes planned. The permittee shall contact the Pretreatment Coordinator, in writing, prior to any changes, and request a Baseline Report form. SMSD Ordinance, Section 4.02.1.

F. The permittee shall possess a valid Illinois Environmental Protection Agency construction permit prior to the construction or addition to a new pretreatment system or existing system. In addition, the permittee is required to have an operator, with a Class K certification, to oversee the operation of the pretreatment system. IEPA Regulation.

G. The permittee shall allow the SMSD's representative, upon presentation of identification, to enter upon, at all reasonable hours, immediate access to the permittee's premises for the purpose of inspection, sampling and monitoring. SMSD Ordinance, Section 4.04.

H. The permittee shall be required to retain all records and monitoring results pertaining to the permit for a minimum of three (3) years. The SMSD, State and Federal officials will be allowed access to these records. SMSD Ordinance, Section 6.01.

I. The SMSD reserves the right to revise this permit, as limitations and requirements in the Ordinance or the Federal Pretreatment Regulations under 40 CFR 413 are modified, or other just cause exists. SMSD Ordinance, Section 4.05.

J. The permittee shall provide any necessary Pretreatment as required by the Pretreatment Ordinance and Federal Pretreatment Regulations. Any facility required to pretreat wastewater to acceptable levels shall provide, operate and maintain such facilities at the permittee's expense. SMSD Ordinance, Section 3.02

K. The permittee shall have an application for renewal of this permit submitted and received by the SMSD's Pretreatment Coordinator a minimum of ninety (90) days prior to the expiration of the current permit. SMSD Ordinance, Section 4.05.

L. The provisions of this permit must be adhered to as stated in Chapter 5 of the Pretreatment Ordinance.

M. If any provision, paragraph, word, Section or Chapter of the SMSD's Pretreatment Ordinance is invalidated by any court of competent jurisdiction, the remaining provisions, paragraphs, words, Sections and chapters shall not be affected and shall continue in full force and effect. SMSD Ordinance, Section 8.01.

N. This permit can be revised to incorporate any new or modified requirements developed by the SMSD as necessary to ensure compliance with applicable sludge management requirements promulgated by the USEPA Sludge regulations covered in 40 CFR 503.

O. Discharge site, located at Jaycee Park, must be secured so that only SSWC and their authorized waste hauler as well as SMSD will have access.

P. The waste hauler that is used by SSWC will only discharge waste that is from SSWC. This should be Brine waste only with nothing else mixed in with it. No "fly" dumping.