



**CITY OF NEW BEDFORD**  
Scott Lang, Mayor

Water  
Wastewater  
Highways  
Engineering

**PERMIT #L024**

**Industrial User Discharge Permit**

In accordance with the provisions of the City of New Bedford Code of Ordinances, Chapter 16 Article II

**FACILITY NAME: SAWYER ST TREATMENT FACILITY**

**MAILING ADDRESS: 103 SAWYER ST  
NEW BEDFORD, MA 02746**

**PREMISE ADDRESS: 103 SAWYER ST**

**CONTACT PERSON(S): JOSH CUMMINGS**

**PHONE NO: (508) 996-5462**

is hereby authorized to discharge industrial wastewater from the above identified facility into the City of New Bedford Sewer System in agreement with the conditions set forth in this permit. Compliance with this permit does not relieve the permittee of its' obligation to comply with any or all applicable pretreatment regulations, standards or requirements under local, state, and federal laws, including any such 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 City of New Bedford's Sewer Use Ordinance. All issues of non-compliance will be handled as written in the City's Enforcement Response Procedures Document. This permit is effective on **AUGUST 17, 2009** and expires midnight on **AUGUST 17, 2014**.

If the permittee desires to continue to discharge after the expiration or revocation of this permit, an application must be filed for a renewal permit in accordance with the regulations of the Sewer Use Ordinance, a minimum of 60 days prior to the expiration date.

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**Commissioner  
Department of Public Infrastructure**

**CITY OF NEW BEDFORD  
DEPARTMENT OF PUBLIC INFRASTRUCTURE  
INDUSTRIAL DISCHARGE PERMIT**

**ARTICLE I            DEFINITIONS**

Unless the context clearly indicates otherwise, the meaning of terms or abbreviations used in this discharge permit shall be as defined in the City's Sewer Use Ordinance (Chapter 16, Article II).

**ARTICLE II    GENERAL CONDITIONS/PROHIBITIONS**

- a. All discharges authorized herein shall be consistent with the City of New Bedford's Sewer Use Ordinance, and with the terms and conditions of this permit. If there is a conflict between the ordinance and this permit, then the terms of this permit shall govern. The discharge of any pollutant more frequently than, or at a level in excess of, that identified and authorized by this permit shall constitute a violation of the terms and conditions of this permit. Such a violation may result in the imposition of penalties equaling, \$1000 per violation per day up to a maximum of \$5000 per violation per day, as provided for in the City of New Bedford's Sewer Use Ordinance. Modifications, additions, and/or expansions that increase or decrease the quality and/or quantity of wastewater discharged to the Facilities must be reported to the Commissioner of the Department of Public Infrastructure (in this text, defined as, this person or his/her duly authorized agent(s)), City of New Bedford, in writing, and this permit may then be modified or reissued to reflect such changes. No change in the permittee's discharge may be made unless reported to and approved by the Commissioner. In no case shall new connections, increased flows, or significant changes in effluent quantity and/or quality be permitted if such will cause violation of the effluent limitation specified herein, unless permitted by the Commissioner.

Neither this permit nor any or all of the allowable discharge of flows and pollutant loadings provided for by the permit are transferable or assignable in part or whole to any other company, facility or process without the written consent of the Commissioner of Public Infrastructure.

**CITY OF NEW BEDFORD  
DEPARTMENT OF PUBLIC INFRASTRUCTURE  
INDUSTRIAL DISCHARGE PERMIT**

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- b. After notice and opportunity for a hearing as provided for by the City of New Bedford's Sewer Use Ordinance, this permit may be modified, suspended, or revoked in whole or in part during its term for causes including the following:
1. Violation of any term or condition of this permit;
  2. Obtaining a permit by misrepresentation or failure to disclose fully all relevant facts;
  3. A change in conditions or the existence of a condition which requires either a temporary or permanent reduction or elimination of the authorized discharge;
  4. Promulgation of a more stringent pretreatment standard by State or Federal agencies having jurisdiction over receiving waters. Permits modified under this section may include implementation schedules, self-monitoring requirements, revised effluent limitations and other provisions necessary to assure compliance;
  5. A change in the facilities process or wastestream characteristics; or
  6. A change in the Code of Ordinances, City of New Bedford, Chapter 16, Article II.
- c. The permittee shall allow the Commissioner of the Department of Public Infrastructure and/or other duly authorized personnel upon the presentation of proper credentials:
1. To enter upon permittee's premises where an effluent source is located or in which any records are required to be kept under the terms and conditions of this permit during business hours;
  2. To have access to and copy any records required to be kept under the terms and conditions of this permit;
  3. To inspect any monitoring equipment or monitoring method required in this permit;
  4. To sample at any intake, wastewater facility, or outfall; or
  5. To enter upon a permittee's premise where an effluent source is located, during business and non-business hours, when a condition of emergency exists or is suspected to exist due to a process upset or discharge which may cause harm to the City's waste-water treatment facilities or process, or to the health or welfare of the community.

any wastewater treatment process or to constitute hazards to humans or animals or to create any hazard in waters which receive treated effluent from the sewer treatment plant.

8. Any substance which may effect the City's wastewater treatment facility's effluent and cause violation of the NPDES permit requirements or the receiving waters' quality standards.

9. Any substance which would cause the City's wastewater treatment facility to be in noncompliance with sludge use, recycle or disposal criteria pursuant to guidelines or regulations developed under Section 405 of the Federal Act, the Clean Air Act, the Resource Conservation and Recovery Act Subtitle C, the Toxic Substance Control Act, the Marine Protection Research Sanctuary Act, the Safe Drinking Water Act Subtitle C, or other State Law or Regulation for sludge management or disposal.

- i Description of the discharge and the cause of non-compliance;
  - ii Anticipated time the condition of non-compliance is expected to continue, or if such conditions have been corrected, the duration of the period of non-compliance;
  - iii Steps taken by the permittee to reduce and eliminate the non-complying discharge; and
  - iv Steps to be taken by the permittee to prevent reoccurrence of the condition of non-compliance.
- g. Revisions - The Commissioner of the Department of Public Infrastructure reserves the right to make appropriate revisions to this permit to establish effluent limitations, schedule of compliance, or other provisions which may be authorized under Federal, State or City acts to bring all such discharges into compliance with these acts.
- h. The permittee shall not discharge wastewater containing any of the following substances:
1. Fats, wax, grease or oils of petroleum origin, whether emulsified or not, in excess of one hundred (100) mg/l or containing substances which may solidify or become viscous at temperatures between 32 degrees F (0 degrees C) and 140 degrees F (60 degrees C);
  2. Any liquids, solids, or gases which by reason of their nature or quantity are, or may be, sufficient either alone or by interaction with other substances to cause fire or explosion or be injurious in any other way to the sewer system or to the operation of the sewer system. Prohibited materials include, but are not limited to: gasoline, kerosene, benzene, naphtha, toluene, xylene, ethers, alcohols, ketones, aldehydes, peroxides, chlorates, perchlorates, bromates, carbides, hydrides, sulfides, fuel oil or other flammable or explosive liquids, solids or gases.
  3. Any effluent having a temperature higher than 104 degrees F (40 degrees C);
  4. Any ashes, hair, cinders, sand, mud, straw, shavings, metal, glass, rags, feathers, tar, plastics, wood, paunch, manure, fish gurry, or any other solids capable of passing through ½" mesh or solid or viscous substances capable of causing obstructions or other interferences with proper operation of the sewer system;
  5. Any pollutant, including oxygen demanding pollutants (i.e. BOD) at flow rate and /or concentration which will cause the pollutant to pass through to the receiving waters or interfere with the City of New Bedford's treatment works.
  6. Any waste having a pH lower than 5.5 or higher than 11.0, or having any other corrosive property capable of causing damage or hazards to structures, equipment, or personnel of the sewer system.
  7. Any toxic or poisonous substance in sufficient quantity to injure or interfere with

- d. All pretreatment facilities shall be operated in a manner consistent with the Sewer Use Ordinance and applicable Federal, State or local regulations and guidelines. The permittee shall at all times maintain in good working order and operate as efficiently as possible all facilities or systems of control installed or utilized to achieve compliance with the terms and conditions of this permit.
- e. The provisions of this permit are severable, and the invalidity of any condition or subdivision thereof shall not make void any other condition or subdivision thereof.
- f. Non-Compliance and or Slug Discharges. In the event the permittee is unable to comply with any of the conditions of this permit due to an emergency situation resulting from a breakdown of pretreatment facilities, process upset condition, or occurrence of a spill, the permittee shall take the following steps:
  - 1. Regardless of the scope or threat posed by the situation, if the Emergency occurs during the time period from 6:00 a.m. to 9:00 p.m., the permittee shall immediately notify the ranking employee on duty at the City's Wastewater Treatment Plant (508-991-6164), and the Wastewater Division Office (508 979-1556).
  - 2. If the emergency is MAJOR in scope or if it poses IMMINENT threat or harm to the City's Wastewater Facilities and/or appurtenances, the environment, or the health and welfare of the community, the permittee shall immediately notify the above regard-less of the time of occurrence.
  - 3. If the emergency is MINOR in scope AND poses no threat or harm AND occurs during the time period from 9:00 p.m. to 6:00 a.m., the permittee shall immediately notify the wastewater treatment plant. He shall then notify the Wastewater Division as soon as practicable after the start of the City's regular business hours. In addition, the permittee shall provide the Commissioner of the Department of Public Infrastructure with the following information in writing within five (5) days after commencement of such occurrence:

ARTICLE III

**SPECIAL CONDITIONS/PROHIBITIONS**

Upon connection to the City's Wastewater Facilities, the permittee is authorized to discharge wastewater whose effluent characteristics shall not exceed the values listed in the City's Sewer Use Ordinance, or as further specified herein:

**TABLE I**

**ALLOWABLE EFFLUENT LIMITATIONS**

The permittee is authorized to discharge wastewater to the City's Facilities which are in conformance with prohibitions and limitations of the Sewer Use Ordinance of the City. Thereafter, such discharges shall comply with the pro-hibitions and limitations of the Sewer Use Ordinance and the following:

<u>POLLUTANT</u>	<u>DAILY MAX*<sub>1</sub></u>	<u>MONTHLY AVERAGE*<sub>1</sub></u>
CADMIUM	0.40 MG/L	0.40 MG/L
CHROMIUM	7.00 MG/L	7.00 MG/L
COPPER	2.30 MG/L	2.30 MG/L
LEAD	0.60 MG/L	0.60 MG/L
NICKEL	2.00 MG/L	2.00 MG/L
SILVER	1.20 MG/L	1.20 MG/L
ZINC	4.20 MG/L	4.20 MG/L
CYANIDE	1.90 MG/L	1.90 MG/L
TTO* <sub>2</sub>	-----	-----
OIL & GREASE	100 MG/L	100 MG/L
TSS* <sub>3</sub>	-----	-----
pH	5.5 - 11.0 S.U.	5.5 - 11.0 S.U.
BOD* <sub>3</sub>	-----	-----
PCB'S	5 UG/L	5 UG/L

\*

Note: (1) Values are currently under review, in accordance with EPA regulations, and are subject to change. The City will notify all permitted facilities of any revision(s).

(2) TTO is defined as Total Toxic Organics and consists of the following EPA analytical procedures:

- Method 608 - Pesticides & PCB's
- Method 624 - Volatile Organics
- Method 625 - Semi-volatile Organics

(3) BOD and TSS surcharges will be as follows:

- 50 lbs - 150 lbs = \$0.05/lb/day
- 151 lbs - 250 lbs = \$0.07/lb/day
- 251 lbs and above = \$0.10/lb/day

#### ARTICLE IV. REPORTING AND MONITORING

- A. The permittee shall determine the wastewater flow using the main water meter to determine discharge flow. All monitoring devices and sampling stations must be approved by the Commissioner of Public Infrastructure. The permittee shall maintain records of all information resulting from any monitoring activities herein for a minimum of three (3) years. The permittee shall accept the reasonable estimates of quantities of wastewater flow as established by the Commissioner of Public Infrastructure during all periods in which the meters fail to measure the wastewater quantity correctly.
- B. The permittee shall calibrate and perform maintenance procedures on all monitoring instruments and pretreatment equipment (if applicable) at regular intervals to ensure accuracy of measurements and reliability of equipment.
- C. The permittee shall provide the above records and shall demonstrate the accuracy of the monitoring devices upon request of the Commissioner of Public Infrastructure.
- D. The permittee shall analyze any samples as may be required by the monitoring schedule specified herein or by the Commissioner of Public Infrastructure to ensure effluent quality control.
- E. If the permittee monitors any wastewater characteristics more frequently than is required by this permit, in accordance with approved methods (40 CFR Part 136), he/she must also forward the results of such monitoring.
- F. The sampling, preservation, handling and analytical methods used must conform to methods specified in the "Code of Federal Regulations", 40 CFR Part 136.
- G. All discharge limitations as provided for in Article III are conditional, and may be revised by the Commissioner of Public Infrastructure if the Commissioner determines that the limitations are not sufficient enough to protect the City's Wastewater Treatment and conveyance facilities and or that the limitations are not sufficient enough to prevent the introduction of pollutants to the City's facilities which may pass through the treatment works or may otherwise be incompatible with or prove detrimental to the operation and maintenance of said facilities. The permittee shall be responsible upon notification to reduce or eliminate as required and within the schedule established by the Commissioner of Public Infrastructure the discharge of the specified pollutant. The permittee shall be responsible for all costs incurred as a result of complying with these requirements.
- H. In accordance with title 40 of the Code of Federal Regulations Part 403 Section 403.14, formation and data provided by the permittee which identifies the nature and frequency of discharge shall be available to the public without restriction. Requests for confidential

treatment or other information shall be governed by procedures specified in 40 CFR Part 2.

I. Self-Monitoring Requirements set forth under 40 CFR 403.12 and the following, shall be complied with by the permittee:

1. Self-Monitoring and City scheduled samples are to be collected from the sewer access following treatment

2. *Self-Monitoring Reports are due to the City within forty-five days following any batch discharge.* All reports required by this permit shall be submitted to:

Department of Public Infrastructure  
1105 Shawmut Ave.  
New Bedford, MA 02746

3. Certification Statements verifying proper sampling techniques, chain of custody sheets, and a record of the flow (in gallons per day) during the monitoring period, **must accompany** each submitted self-monitoring report.

4. Semi-annual summary reports of self-monitoring and compliance (40 CFR 403.12), if applicable, shall be submitted no later than January 5 for the period ending the previous December 31 and no later than July 5 for the period ending the previous June 30.

5. Should the results of the permittee's wastewater analysis indicate that a violation of this permit has occurred, the permittee must:

(a) Inform the City of New Bedford of the violation within 24 hrs; and

(b) Repeat the sampling and pollutant analysis and submit, in writing, the results of this second analysis within thirty days of the first violation. This sampling is in addition to and not in place of, self-monitoring requirements as written in this permit.

ARTICLE V. MONITORING REQUIREMENTS

From the period beginning on the effective date of this permit, the permittee shall monitor its' discharge from the location listed below and in Article IV (I(1)) of this document for the following parameters, at the indicated frequency:

**Table II**  
**MONITORING REQUIREMENTS**

PROCESS DESCRIPTION: WATER TREATMENT FACILITY FOR DEWATERING DREDGED SEDIMENTS

APPLICABLE PRETREATMENT CATEGORY: SIGNIFICANT INDUSTRIAL USER

SAMPLING DISCHARGE METHOD: SEWER ACCESS FOLLOWING TREATMENT

<u>PARAMETER (units)</u>	<u>MONITORING FREQUENCY</u> <u>SAMPLE TYPE</u>	
PCB'S	following any discharge	composite/grab <sup>1</sup> and page LF-7
BOD	following any discharge	composite <sup>1</sup>
TSS	following any discharge	composite <sup>1</sup>
pH	following any discharge	grab <sup>2</sup>
Oil & Grease	following any discharge	grab <sup>2</sup>

Note:

(1) Composite samples may be either flow or time proportioned. Flow proportioned samples are to be based on hourly discharge rates while time proportioned samples are to be collected using equal aliquots from each time interval. In either case, at the minimum, a sample from every hour of operation must be collected for representation.

(2) Grab samples are individual samples collected over a period of time not to exceed 15 minutes.