Envirite of Ohio, Inc.
2050 Central Avenue SE
Canton, Ohio 44707

City of Canton
Industrial Waste Discharge Permit
#870020-08

Effective Date: 04-01-08
Expiration Date: 03-31-11

In compliance with the provisions of the Federal Water Pollution Control Act, the Ohio Revised Code, and the City of Canton Sewer Use Code, including all applicable Categorical Pretreatment Standards, the above-named industrial user, hereafter referred to as the "Permittee", is authorized by the City of Canton, Water Pollution Control Center, hereafter referred to as the "WPCC" to discharge industrial wastewater from the above-listed premise into the Canton sanitary sewer system or sanitary sewers tributary to the Canton sanitary sewer system in accordance with the conditions specified in this permit. The permittee must comply with all provisions of Section 943, the City of Canton Sewer Use Code.

This permit is conditioned upon payment of applicable fees of $150.00 (one hundred fifty dollars) required by Section 943.21 of the City of Canton Sewer Use Code (Ord. 123/85). Make check payable to the City of Canton/Sewer Account, and mail to:

Canton WPCC
Industrial Waste Division
3530 Central Avenue SE
Canton OH 44707

This permit and authorization to discharge shall expire at midnight on the expiration date specified above. In order to receive authorization to discharge beyond the date of expiration, the permittee shall submit such information as required by the Service Director of the City of Canton and/or the Superintendent of the WPCC on forms provided by the City no later than 60 days prior to the above date of expiration. This permit is issued to a specific user for a specific operation and is not assignable to another user without prior written approval of the Service Director, or transferable to any other location.

Thomas M. Bernabei
Director of Public Service

Tracy J. Mills
Superintendent, WPCC

Revised December 2006
SECTION A. EFFlUENT LIMITATIONS

1. During the effective period of this permit, the Permittee is authorized to discharge in accordance with the following limitations and constituents in accordance with the City of Canton Sewer Use Code Section 943 from the following point(s) of discharge: ENVR-001

943.13 GENERAL DISCHARGE PROHIBITIONS (CANTON SEWER USE CODE)

(a) Any waters or wastes which are discharged or are proposed to be discharged which contain compatible pollutants exceeding normal strength as defined in Section 943.01(a) (23) and/or incompatible pollutants which may have a deleterious effect upon the sewage treatment system, processes, equipment, or receiving waters, including violation of applicable water quality standards, or which otherwise create a hazard to life or constitute a public nuisance, the Superintendent shall:

(1) Reject the discharge of such wastes, or

(2) Require pretreatment of quantities and rates of discharge to an acceptable condition for discharge to the public sewers and/or,

(3) Require payment to cover the added cost of handling, treating and disposing of the wastes in accordance with Chapter 947. (Chemical Oxygen Demand, Biochemical Oxygen Demand, Total Suspended Solids, Ammonia, and Phosphorous exceeding the limits of 400 mg/L (COD), 300 mg/L (BOD5), 250 mg/L (TSS), 25 mg/L (NH3), and 20 mg/L (PO4).

(b) Provided, however, no person, firm or corporation shall contribute, discharge or cause to be discharged, directly or indirectly any of the following described substances into the City’s Sewage Treatment System:

(1) Any liquids, solids, or gases which by reason of their nature or quantity are, or may be, sufficient either alone or by interaction to cause fire or explosion or be injurious in any other way to persons or the operation of the sewage disposal system or POTW, including, but not being limited to: any waste streams with a closed cup flash point of less than 140 degrees Fahrenheit or 60 degrees Centigrade using the test methods specified in 40 CFR 261.21.

(2) Any water or waste containing fats, wax, grease, or oils, whether emulsified or not, in excess of 200 ppm measured by method 5520B, or 100 ppm measured by method 5520F from the 17th Edition of "Standard Methods for the Examination of Water and Wastewater," or any other solid or viscous substances which will or may cause obstruction to the flow in a sewer or other interferences with the operation of the system.

(3) Any wastewater having a pH less than 5.0 or higher than 10.0 or having any other corrosive property capable of causing damage or hazard to structures, equipment, or personnel of the system.

(4) Any wastewater containing toxic pollutants in sufficient quantity, either singly or by interaction to injure or interfere with any wastewater treatment process, constitute a hazard to humans or animals, or to exceed the limitations set forth in applicable Categorical Pretreatment Standards.
SECTION A. EFFLUENT LIMITATIONS - CONTINUED

943.13 - Continued

(5) Any water or wastes containing pollutants which either singly or by interaction produce or result in the presence of toxic gases, vapors, or fumes within the sewer system or POTW in a quantity that may cause acute worker health and or safety problems.

(6) Any substance which may cause the WPCC'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 discharged to the sewage treatment system cause noncompliance with sludge use or disposal criteria, 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.

(7) Any substance which will cause the WPCC to violate its NPDES and/or other disposal system permits.

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

(9) Any wastewater having a temperature which will inhibit biological activity in the WPCC resulting in interference; but in no case, wastewater with a temperature at the introduction into the sewage treatment system which exceeds 40°C (104°F).

(10) Any slug as defined in Section 943.01(a) (45).

(11) Any unpolluted water including, but not limited to, non-contact cooling water.

(12) Any wastewater containing any radioisotopes of such half-life or concentration as exceed limits established by the City in compliance with State or Federal regulations.

(13) Any wastewater which causes a hazard to human life or creates a public nuisance.

(14) Any storm water, surface water, ground water, roof run-off, subsurface drainage, cooling water or unpolluted industrial process waters to any sanitary sewer.

(c) No person shall access the sewer system or POTW for any activity including discharge of hauled septic or other approved wastes except at locations and at times as designated by the Service Director and/or Superintendent. Any removal of manhole lids, or other access to the sewer system for the purpose of discharging wastes at times and/or locations other than those designated by the Service Director and/or Superintendent, or without the expressed permission of the Service Director and/or Superintendent, shall be considered a violation of this chapter and shall be subject to enforcement action including fines and penalties allowed under this chapter.

(d) Storm water and all unpolluted drainage shall be discharged to such sewers as are specifically designated as storm sewers, or to a natural outlet as approved by the City Engineer, and subject to the approval of the appropriate regulatory agencies.
SECTION A. EFFLUENT LIMITATIONS - CONTINUED

2. During the effective period of this permit, the permittee is authorized to discharge only the following constituents at, or less than, the limitations listed in accordance with the City of Canton Sewer Use Code, Section 943, from the following point(s) of discharge: ENVR-001

**Effluent Characteristics:**

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Reporting Units</th>
<th>1-Day Max</th>
<th>Discharge Limitations:</th>
</tr>
</thead>
<tbody>
<tr>
<td>*Antimony</td>
<td>ug/L</td>
<td>249</td>
<td></td>
</tr>
<tr>
<td>*Arsenic</td>
<td>ug/L</td>
<td>162</td>
<td>206</td>
</tr>
<tr>
<td>*Cadmium</td>
<td>ug/L</td>
<td>136</td>
<td>104</td>
</tr>
<tr>
<td>*Chromium</td>
<td>ug/L</td>
<td>3362</td>
<td>96.2</td>
</tr>
<tr>
<td>*Cobalt</td>
<td>ug/L</td>
<td>192</td>
<td>3070</td>
</tr>
<tr>
<td>*Copper</td>
<td>ug/L</td>
<td>1508</td>
<td>124</td>
</tr>
<tr>
<td>*Lead</td>
<td>ug/L</td>
<td>581</td>
<td>1060</td>
</tr>
<tr>
<td>**Mercury</td>
<td>ug/L</td>
<td>0.0(^1)</td>
<td>283</td>
</tr>
<tr>
<td>*Nickel</td>
<td>ug/L</td>
<td>2880</td>
<td></td>
</tr>
<tr>
<td>*Silver</td>
<td>ug/L</td>
<td>120</td>
<td>1450</td>
</tr>
<tr>
<td>*Tin</td>
<td>ug/L</td>
<td>409</td>
<td>35.1</td>
</tr>
<tr>
<td>*Titanium</td>
<td>ug/L</td>
<td>94.7</td>
<td>120</td>
</tr>
<tr>
<td>*Vanadium</td>
<td>ug/L</td>
<td>218</td>
<td>61.8</td>
</tr>
<tr>
<td>*Zinc</td>
<td>ug/L</td>
<td>2870</td>
<td>66.2</td>
</tr>
<tr>
<td><strong>Cyanide (T)</strong></td>
<td>mg/L</td>
<td>1.365</td>
<td></td>
</tr>
<tr>
<td><strong>Phenols</strong></td>
<td>mg/L</td>
<td>2.25</td>
<td></td>
</tr>
<tr>
<td><strong>pH</strong></td>
<td>SU</td>
<td>5 to 10</td>
<td></td>
</tr>
</tbody>
</table>

Average of daily values of monitored days shall not exceed: Monthly Avg.

\(^1\) Mercury - 0.0 ug/L is the actual limit for mercury. However, an industry discharging wastewater containing a concentration of 0.5 ug/L or less will be considered in compliance. All analytical results shall be reported.

Federal regulations require that if you violate any of the limitations in this permit you must notify the Industrial Waste Division within 24 hours of becoming aware of the violation, resample for that parameter and submit the results within 30 days of notifying the POTW. Phone number: 330-489-3080 or Fax number: 330-489-3084.

Applicable Federal Categorical Standards: 40 CFR 437.15 PSES CWT - Subpart A, Metals Treatment and Recovery

*Federal Categorical Limit

**Canton Local Limit
SECTION B. SELF-MONITORING REQUIREMENTS - (PREACCEPTANCE & SCREENING FOR WASTES CONTAINING LOW-LEVEL ORGANICS)

1. As an existing measure to prevent the treatment of wastes containing concentrated volatile and semi-volatile organic compounds, all waste loads are routinely prescreened and evaluated for acceptance based on RCRA criteria. This screening tool will also be used as a preventative measure to control the discharge concentrations of individual volatile and semi-volatile organic compound parameters. The criteria for acceptable values is based on the most restrictive POTW inhibition levels; calculations will use information published by USEPA in the Guidance Manual for the Development and Implementation of Local Discharge Limitation under the Pretreatment Program. Envirite will maintain and supply Customer Evaluation Sheet documentation to IWD personnel upon request.

2. As an existing measure to confirm that received wastes contain the same level of concentrated volatile organic compounds as tested above, all waste loads received are to be routinely tested and evaluated for Head-Space Analysis. Envirite will maintain and supply Head-Space Analysis documentation to IWD personnel upon request.

3. The following table lists the Individual and Group Limit values for the above-referenced tests. For the proposed receipt and treatment of wastes containing concentrations greater than those listed in the table below, prior approval must be received from Canton IWD, and evaluations will be made on a case-by-case basis.

<table>
<thead>
<tr>
<th>Individual Limit</th>
<th>Group Limit</th>
</tr>
</thead>
<tbody>
<tr>
<td>12.95 mg/L</td>
<td>142.42 mg/L</td>
</tr>
</tbody>
</table>

4. During Unscheduled sampling events performed by IWD personnel, a request may be made to observe the volatile organic compound analysis, or Head-Space Analysis, performed on a current waste load sample, to obtain documentation of corresponding tests (Head-Space Analysis & Customer Evaluation Sheet), and a request for the additional testing to be performed. During the year's first six-month sampling event, the Volatile and Semi-Volatile organic constituents of the Priority Pollutant Scan is to be performed on samples representing the corresponding discharge(s), and during the year's second six-month sampling event the entire Priority Pollutant Scan is to be performed on samples representing the corresponding discharge(s). The entire Priority Pollutant Scan for the year's second six-month sampling event is to be performed by a third-party laboratory. A copy of the lab report along with documentation establishing the corresponding discharge are to be submitted to the Industrial Waste Division within thirty days of request.
SECTION B. SELF-MONITORING REQUIREMENTS (ENV-001)

1. Self-Monitoring Report (SMR) forms are to be received by the Industrial Waste Division of the WPCC by the fifteenth (15th) of each month. If used, electronic spreadsheet report forms must be accurately maintained by the Permittee to reflect current permit and modification conditions.

2. All monitoring requirements will meet or exceed any applicable local or Federal Pretreatment Standard concerns, and all tests shall be performed in accordance with USEPA approved methods for the analyzation of wastewater by a qualified person or testing laboratory. See Section B (Pages 5 & 7), Section G, Part 3 (Pages 11 & 12) for additional self-monitoring conditions.

### Sampling Requirements:

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Units</th>
<th>Frequency per Monthly Reporting Period</th>
<th>Sample Type</th>
<th>Preservatives</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Flow</strong></td>
<td>GPD</td>
<td>Daily</td>
<td>Continuous</td>
<td>-</td>
</tr>
<tr>
<td><strong>pH</strong></td>
<td>SU</td>
<td>&quot;</td>
<td>Grab</td>
<td>None</td>
</tr>
<tr>
<td><strong>Ammonia (NH₃)</strong></td>
<td>mg/L</td>
<td>&quot;</td>
<td>Composite</td>
<td>H₂SO₄, R</td>
</tr>
<tr>
<td><strong>COD</strong></td>
<td>mg/L</td>
<td>&quot;</td>
<td>Composite</td>
<td>H₂SO₄, R</td>
</tr>
<tr>
<td><strong>TSS</strong></td>
<td>mg/L</td>
<td>&quot;</td>
<td>Composite</td>
<td>R</td>
</tr>
<tr>
<td><em>Antimony</em></td>
<td>ug/L</td>
<td>2 Days / Week</td>
<td>Composite</td>
<td>HNO₃</td>
</tr>
<tr>
<td><em>Arsenic</em></td>
<td>ug/L</td>
<td>&quot;</td>
<td>Composite</td>
<td>HNO₃</td>
</tr>
<tr>
<td><em>Cadmium</em></td>
<td>ug/L</td>
<td>&quot;</td>
<td>Composite</td>
<td>HNO₃</td>
</tr>
<tr>
<td><em>Chromium</em></td>
<td>ug/L</td>
<td>&quot;</td>
<td>Composite</td>
<td>HNO₃</td>
</tr>
<tr>
<td><em>Cobalt</em></td>
<td>ug/L</td>
<td>&quot;</td>
<td>Composite</td>
<td>HNO₃</td>
</tr>
<tr>
<td><em>Copper</em></td>
<td>ug/L</td>
<td>&quot;</td>
<td>Composite</td>
<td>HNO₃</td>
</tr>
<tr>
<td><em>Lead</em></td>
<td>ug/L</td>
<td>&quot;</td>
<td>Composite</td>
<td>HNO₃</td>
</tr>
<tr>
<td><strong>Mercury</strong></td>
<td>ug/L</td>
<td>&quot;</td>
<td>Composite</td>
<td>HNO₃</td>
</tr>
<tr>
<td><em>Nickel</em></td>
<td>ug/L</td>
<td>&quot;</td>
<td>Composite</td>
<td>HNO₃</td>
</tr>
<tr>
<td><strong>Selenium</strong></td>
<td>ug/L</td>
<td>&quot;</td>
<td>Composite</td>
<td>HNO₃</td>
</tr>
<tr>
<td><em>Silver</em></td>
<td>ug/L</td>
<td>&quot;</td>
<td>Composite</td>
<td>HNO₃</td>
</tr>
<tr>
<td><em>Tin</em></td>
<td>ug/L</td>
<td>&quot;</td>
<td>Composite</td>
<td>HNO₃</td>
</tr>
<tr>
<td><em>Titanium</em></td>
<td>ug/L</td>
<td>&quot;</td>
<td>Composite</td>
<td>HNO₃</td>
</tr>
<tr>
<td><em>Vanadium</em></td>
<td>ug/L</td>
<td>&quot;</td>
<td>Composite</td>
<td>HNO₃</td>
</tr>
<tr>
<td><em>Zinc</em></td>
<td>ug/L</td>
<td>&quot;</td>
<td>Composite</td>
<td>HNO₃</td>
</tr>
<tr>
<td><strong>TDS</strong></td>
<td>mg/L</td>
<td>&quot;</td>
<td>Composite</td>
<td>R</td>
</tr>
<tr>
<td><em>Cyanide (T)</em></td>
<td>mg/L</td>
<td>&quot;</td>
<td>Grab</td>
<td>R, NaOH</td>
</tr>
<tr>
<td><strong>Phenols</strong></td>
<td>mg/L</td>
<td>&quot;</td>
<td>Grab</td>
<td>H₂SO₄, R</td>
</tr>
</tbody>
</table>

Mercury - EPA Method 1631 or 245.7, may be used in place of listed requirement. If either of these methods is used, the sample collection is to be performed by Method 1669 for a grab sample only. Any method deviation is to be noted on the periodic report form in the Remarks section. Composite samples are not acceptable for Method 1631 or 245.7.

*Federal Categorical Requirement
**Canton Requirement
SECTION B. SELF - MONITORING REQUIREMENTS – CONTINUED

1. Analyses of designated parameters by the frequency specified as 2 Days/Week shall be performed on the samples collected during the operational days of Monday and Thursday of each week. Sample collection frequency shall remain as Daily, while the above designated samples collected on Sunday, Tuesday, Wednesday, Friday, and Saturday are to be appropriately preserved and stored for no less than thirty days. Analyses of the stored samples shall be required upon request by the Industrial Waste Division. Analyses of Daily samples shall be performed for each parameter as designated.

2. Monthly averages shall be mathematical calculations based on the average mean results for the actual number of samples analyzed during each month.

3. Any violation of a daily or monthly limit must be reported within 24 hours of becoming aware of the violation.

4. Monthly reports are due by the 15th (fifteenth) day of the following month; due-dates for monthly reports that fall on a weekend or holiday will be extended to the next business day. These reports shall be printed on City of Canton 4500 reporting forms using MSDOS or Windows Lotus 123, Quatro Pro, or compatible software.

5. Sample collection for the Cyanide parameter shall be performed during each process discharge through the outfall ENVR-001. Sample analyses performed for the Cyanide parameter are to satisfy Item 1 (above) regarding the frequency of testing and the reporting of lab results. In addition, the actual discharges that occur from treatment of waste containing Cyanide, as defined in 437.2 (1), shall be analyzed and reported in all cases.
### SECTION C. DESCRIPTION OF SAMPLING LOCATION(S)

<table>
<thead>
<tr>
<th>Station</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENV-001</td>
<td>Process flows at observation tank following pretreatment system.</td>
</tr>
</tbody>
</table>
SECTION D. COMPLIANCE SCHEDULE

Not later than 14 days following each completion date in the schedule and the final date for compliance, the Permittee shall submit a progress report to the City, including a statement as to whether or not it complied with the increment of progress represented by that date and, if not, the reason for the delay, the date on which it expects to comply with this increment of progress, and the steps being taken by the Permittee to return to the original schedule.

<table>
<thead>
<tr>
<th>Compliance Requirement</th>
</tr>
</thead>
<tbody>
<tr>
<td>Date</td>
</tr>
<tr>
<td>To Be</td>
</tr>
<tr>
<td>Completed</td>
</tr>
</tbody>
</table>

No Compliance Schedule Required at this Time
SECTION E. METERING, MONITORING, AND SAMPLING REQUIREMENTS

1. All flows must be metered.

2. All monitoring facilities and equipment must be maintained and operated in proper working condition at the Permittee's expense. Safe access to all facility structures must be provided and maintained at all times.

3. Composite samples shall be comprised of a series of grab samples collected over the period of time the process is in operation and proportionate in volume to the discharge flow rate at the time of sampling. Such samples shall be collected at specified locations in a manner being representative of the discharge. An automatic sampler may also be used; the sampling procedure to be approved by the Industrial Waste Division.

4. Grab samples shall be collected at such times in specified locations, and in such a manner, as to be representative of the discharge from the process being sampled.

5. All samples shall be appropriately handled and preserved for the constituents being analyzed. Samples shall not be diluted, altered, decanted or adulterated in any way prior to testing (e.g. removal of solids by field filter sample preparation). Analysis for pH must occur within 24 hours of collection.

6. All tests shall be performed in accordance with USEPA approved methods, for the analyzation of wastewater by a qualified person or testing laboratory (40 CFR Part 136.3—Guidelines Establishing Test Procedures for the Analysis of Pollutants). Unless specified otherwise, all testing is to be performed for the total constituent of the prescribed parameter.

7. Reporting codes listed in "Appendix-B" shall be used and described where applicable.

8. All reports required by this permit must be accompanied by the required certification statement confirming that reported information is accurate and complete; authorized signature to be made in accordance with the signatory requirements defined in "Appendix-A" of this permit.

9. Additional monitoring performed at the permitted outfall and tested by EPA approved methods is required reporting. Additional monitoring results are to be forwarded to the Industrial Waste Division no later than the next self-monitoring report due date (see Section B). Additional monitoring is subject to compliance evaluation and related notification and reporting requirements (see Section A).

10. The Flowmeter used for sewer and/or surcharge billing shall be calibrated at least once each year, and certified to its accuracy must be submitted to the Industrial Waste Division by June 30th of each year.

11. The Flowmeter shall be calibrated when inaccurate or when requested by WPCC personnel.

12. The sampler and all hoses shall be cleaned at least once per month and other times when necessary. Flowmeter tubing maintenance to be performed on a weekly basis.

13. The metering, sampling and pretreatment facility shall be maintained and kept clean to permit sage access to equipment.
SECTION F. SURCHARGE PROGRAM (ENVR-001)

1. For parameters identified and measured at above strength concentrations on a consistent basis, surcharge costs will be applied to the amounts discharged in excess of Sewer Use Code and applicable ordinance(s) provisions. An automatic sampler shall be purchased, operated and maintained by the Permittee to provide a representative sample for each day of operation. A flowmeter shall be purchased, operated and maintained to provide accurate flow measurement for process discharges to the sanitary sewer through the regulated outfall. The auto-sampler shall be properly connected to the flow meter and programmed to provide flow-proportional samples. The samples shall be appropriately preserved throughout the sample collection period and during subsequent holding times.

2. Flowmeter(s) readings shall be taken at the start and end of each composite sample, and the readings are to be recorded in a logbook. The logbook is to be maintained near the monitoring station and made available for inspection when samples are secured for transport by IWD personnel. The flowmeter shall be calibrated and certified to its accuracy on an annual basis (see Page 10).

3. Automatic-sampler pump tubing, suction line, tube coupling and strainer shall be cleaned on a monthly basis. A maintenance logbook shall be maintained near the monitoring station and made available for inspection by IWD personnel. Carboy shall be cleaned prior to each daily composite sample collection period. Carboy containing the daily sample shall be vigorously shaken immediately prior to sample pour-off into appropriate-type containers with preservatives as needed. Sample containers are to be stored properly. Self-testing is to occur within the qualified hold-times.

4. Adjustments in surcharge costs will be made for missed composite samples, improperly preserved / stored samples and for missed flowmeter readings. Previous month's highest values will be applied regarding sample concentrations and daily flow values where applicable.

5. Enforcement actions may be taken for any failure to maintain monitoring equipment. Safe access to the monitoring station must be provided at all times. Samples collected for the purposes of surcharge billing may also be used to determine compliance with your discharge permit limitations.
SECTION G. PRETREATMENT SYSTEM MAINTENANCE, OPERATION & WASTE MANAGEMENT

1. Pretreatment system designed, modified, and submitted for review by Ohio EPA and approved by letter issued on November 26, 2003 shall be maintained in a manner as specified in your final plans as submitted to the above agency and as referenced by the Permit To Install (PTI) Application No. 02-18603. Any proposal to change the pretreatment system design must be submitted to the City of Canton's Industrial Waste Division for consideration and approval prior to implementing any pretreatment system changes. Proposed changes may also require that a PTI Application Modification be filed with the Ohio EPA for consideration and approval prior to implementing any pretreatment system changes. Pretreatment system technology at permitted facility location is classified as neutralization, oxidation/reduction, cyanide destruction, chemical precipitation, vacuum filter, filter press and activated carbon filter.

2. Pretreatment system shall be operated in a manner as intended by the PTI Application specifications and by final approval as issued by the Ohio EPA. Pretreatment system shall be supervised and staffed appropriately during times of actual wastewater treatment and discharge to meet notification requirements as listed in this permit. Any proposal to change the pretreatment system operation must be submitted to the City of Canton's Industrial Waste Division for consideration and approval prior to any operational change. Proposed changes may also require that a PTI Application Modification be filed with the Ohio EPA for consideration and approval prior to implementing any operational change.

3. Pretreatment system shall be used as a method for removing pollutants from regulated process wastewater and wastes. Neutralization of non-listed hazardous wastes or non-hazardous wastes as generated from the regulated process under permit is an accepted practice for waste management, and the resultant wastewater discharged to the sanitary sewer system through the regulated outfall is covered under this permit provided that approved procedures are followed and adequate records are kept. Neutralized wastewater may be discharged along with normal process wastewater; non-process or any other additional flows shall not be added to augment neutralized wastewater in order to achieve compliance with discharge limits. Records shall include: volume and type of waste neutralized, date of event, and, if applicable, pH(field) of neutralized waste. During the periodic sampling event performed for the self-monitoring requirements listed in Section B, one of the samples must be collected during such an event at least one time each year. Wastes acceptable for neutralization are: Spent filter plate cleaning solutions, truck wash bay wastewater, tanker-truck rinse water and contaminated stormwater from receiving dock.

4. Prior to testing the performance of wastewater treatment equipment not already specified in a PTI Application, a proposal must be submitted to the City of Canton's Industrial Waste Division for approval prior to performing the treatment evaluation.

5. No liquids, sludges, or toxic or hazardous substances other than those set forth in the approved PTI Application and as listed above shall be accepted for disposal without the prior written approval of City of Canton's Industrial Waste Division and the Ohio EPA. Wastes not acceptable for neutralization from processes are: organic wastes and oily wastes as defined in 40 CFR 437.

6. All waste residuals from process and pretreatment facilities, whether defined as hazardous or non-hazardous, shall be stored, transported, treated, and disposed of in a manner that will comply with all applicable local, state, and federal regulations.
SECTION H. OTHER REQUIREMENTS

1. All monitoring results and compliance status reports required by this permit should be mailed to the following address:

Canton WPCC
Industrial Waste Division
3530 Central Avenue SE
Canton OH 44707

2. This permit may be modified in order to assure compliance by the City with applicable laws and regulations.

3. Within nine (9) months of the promulgation of a National Categorical Pretreatment Standard, the Industrial Wastewater Discharge Permit of each user subject to such standards shall be revised to require compliance with such standards within the time frame prescribed by such standards. A user with an existing Industrial Wastewater Discharge Permit shall submit to the City within 180 days after the promulgation of an applicable National Categorical Pretreatment Standard, the information required by Section 943.18(a)(8) or (9) of the City of Canton Sewer Use Code.

4. Record-keeping Requirements. Any industrial user subject to the reporting requirements established in this section shall maintain records of all information resulting from any monitoring activities required by this section. Such records shall include for all samples: the date, exact place, method, and time of sampling and the names of the person or persons taking the samples, the dates analyses were performed, who performed the analyses, the analytical techniques/methods used, and the results of such analyses.

Any industrial user subject to the reporting requirements established in this section shall be required to retain for a minimum of three (3) years any records of monitoring activities and results, and shall make such records of monitoring available for inspection and copying by the Director, the Regional Administrator, and the POTW. This period of retention shall be extended during the course of any unresolved litigation regarding the industrial user or when requested by the Director, the Regional Administrator, or the POTW.

5. Additional flows shall not be added to augment process wastewater as a partial or total substitute for adequate treatment to achieve compliance with discharge limits. If dilution flows are added by industrial user, discharge limits may be adjusted by utilizing the combined wastestream formula (CWF) as listed in 40 CFR 403.6.

6. A Solvent Management Plan or Toxic Organic Management Plan (TOMP) must be implemented and approved by the control authority(POTW).

7. A Spill-Alert / Slug Control Plan to prevent unauthorized discharges shall be in effect continuously throughout the year.

8. Prior approval from the Industrial Waste Division must be obtained for any substantial changes (non-administrative) in the Solvent Management Plan / TOMP or the Spill-Alert / Slug Control Plan. Changes in process chemicals or notification procedures would constitute a substantial change.

9. Prior approval of the Industrial Waste Division is required for any proposed process or wastewater changes affecting the discharge characteristics to the City sewer.
SECTION II. OTHER REQUIREMENTS - CONTINUED

Bypass Pretreatment Facilities

10. 943.40 (a) The bypass of pretreatment facilities is prohibited and the City as control authority may take enforcement action against an industrial user for a bypass unless all of the following circumstances apply:

1. The bypass was unavoidable to prevent loss of life, personal injury, or severe property damage.
2. There was no feasible alternative to the bypass.
3. The industrial user submitted prior notice to the City, if possible, at least ten days before the bypass.

(b) The City as control authority may approve an anticipated bypass after considering its adverse effects if the control authority determines it will meet the conditions as immediately set forth above.

1. Report within one hour of discovery to the Industrial Waste Division by calling 330-489-3080. The following information shall be contained in this report:

   a. The location of the discharge
   b. The date and time of discovery
   c. The concentration and volume
   d. The corrective action being taken
   e. The person to contact concerning this spill

2. This report shall be followed within five days of the date of occurrence, by a detailed written statement containing details for Items 1a - 1e (above) and describing the causes of the accidental discharge and the measures being taken to prevent future occurrence. The Permittee shall submit a written report to the Industrial Waste Division within the time specified. (Also see noncompliance notification below).

Noncompliance Notification

11 If the Permittee is unable to meet any effluent limitation specified in this permit, the Permittee shall submit a written report to the Industrial Waste Division within five days of becoming aware of the conditions. The report shall include the following:

1. The limitation(s) which has been violated;
2. The extent of the violation(s);
3. The cause of the violation(s);
4. The period of the violation(s) including exact date and times;
5. If uncorrected, the anticipated time the violation(s) is expected to continue; and
6. A compliance schedule showing steps being taken to reduce, eliminate and/or prevent recurrence of the violation(s).
SECTION H. OTHER REQUIREMENTS - CONTINUED

Operating Upsets

12. 943.39(a) Any user experiencing an upset in operation, which places the user in a temporary state of noncompliance with this chapter, shall inform the City thereof within one hour of first awareness of the commencement of the upset (report within one hour of discovery to the Industrial Waste Division by calling 330-489-3080). Where such information is given orally, a written follow-up report thereof shall be filed by the user with the City within five days. The report shall specify as follows:

1. Description of the upset, the cause thereof and the upset’s impact on a user’s compliance status.
2. 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.
3. All steps taken or to be taken to reduce, eliminate and prevent recurrence of such an upset or other conditions of noncompliance.

(b) A documented and verified bona fide operating upset shall be considered in any enforcement action brought by the City against a user for any noncompliance with this chapter which arises out of violations alleged to have occurred during the period of upset.

Accidental Discharges; Slug Loading

13. Section 943.16 (a-c) states that each user shall provide protection from accidental discharges of prohibited or regulated materials. The discharge of a Slug as defined in 943.01 (a)(45) may also apply to the requirements listed in Operating Upsets (see section above). Reasonable protection from spills shall include but is not limited to: drain plugs, secondary containment, isolated storage location(s), and best management practices. Immediate notification of the occurrence shall include such details as location, date and time, type of waste, concentration and volume, and corrective action. Within fifteen days of the notification, a detailed written statement shall be provided. Statement shall describe the causes of the accidental discharge and the measures being taken to prevent future occurrence. Users shall also make available to their employees copies of Canton Sewer Use Code, Spill Alert / Slug Control Plans and other wastewater information and notices along with instructions to contact the agencies affected by accidental discharges.

14. Federal regulations require that if you violate any of the limitations in this permit you must notify the Industrial Waste Control Division within 24 hours of becoming aware of the violation, resample for that parameter and submit the results within 30 days of notifying the POTW.

   Phone: 330-489-3080
   Fax: 330-489-3084.

15. Access to sampling location(s) and/or wastewater treatment plant will be considered prompt and acceptable if entry is provided within 15 minutes. Instances where access is delayed beyond the 15-minute period may result in issuance of a notice of violation letter, administrative penalties and other enforcement actions as needed (see 943.27).
SECTION I. JUDICIAL PROCEEDINGS, FINES AND PENALTIES

943.36 Judicial Proceedings; Civil Penalties.

(a) Following the entry of any order by the City pursuant to the proceedings specified in Section 943.33, 943.34, and 943.35 hereof, the attorney for the City may, following the authorization of such action by the City, commence an action for legal and/or equitable relief in the appropriate local court for any violation of the order made by the City and for enforcement of the provisions of this chapter.

(b) The City shall further have the authority, in addition to all other available remedies, to seek the imposition and enforcement of civil penalties for violations of this Chapter up to a maximum amount of $1000.00 per violation with each day that such violation continues being considered a separate violation.

943.51 Administrative Fines

(a) The Superintendent may assess administrative fines not to exceed one thousand ($1,000.00) per violation against any person who violates any provision of this Chapter, or regulation, permit, license, reporting requirement or other requirement promulgated under this Chapter. Each day, or portion thereof, when a violation occurs, shall be considered a separate violation. The Service Director shall adopt and promulgate a schedule of administrative fines consistent with the provisions of this section.

(b) Any person assessed an administrative fine pursuant to this Section may appeal the action of the Superintendent in the manner as provided for in Section 943.52 of this Chapter.

(c) The Law Director, on behalf of the City of Canton, shall have authority to initiate a civil action for collection of any administrative fines. In determining the reasonableness of any administrative fine imposed, a court shall take into account all relevant circumstances, including, but not limited to, the extent of harm caused by the violation, the magnitude and duration of the violation, any economic benefit gained through the user’s violation, corrective actions by the user, the compliance history of the user, and any other factor as justice requires. Filing a suit for the collection of administrative fines shall not be a bar against, or a prerequisite for, taking any other action against a user.

943.99 Penalty.

(a) Whosoever violates Sections 943.03, 943.05(a), 943.13, 943.15, 943.17, 943.47, or 943.48 of this Chapter shall be guilty of a misdemeanor of the first degree.

(b) Whosoever violates any of the provisions or requirements of this Chapter as set forth in Sections 943.01 to 943.50, other than the provisions specifically enumerated above in subsection (a) hereof, or who violates any rule or regulation adopted under this Chapter or is found to have violated or failed to comply with an order issued under this Chapter, shall be guilty of a misdemeanor of the fourth degree.

(c) A separate offense shall be deemed committed each day during or on which any of the foregoing offenses occur or continue.
Appendix – A

Report Certification Statement and Signatory Requirements

The signed following certification statement pursuant to 40 CFR 403.6 and 403.12 must accompany all reports submitted to the Industrial Waste Control Division.

"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."

This certification statement shall be signed as follows:

1. By a responsible corporate officer, if the industrial user submitting the reports required in this permit is a corporation. For the purpose of this paragraph, a responsible corporate officer means (I) a president, secretary, treasurer, or vice-president of the corporation in charge of a principal business function, or any other person who performs similar policy- or decision-making functions for the corporation, or (ii) the manager of one or more manufacturing, production, or operation facilities employing more than 250 persons or having gross annual sales or expenditures exceeding $25 million (in second-quarter 1980 dollars), if authority to sign documents has been assigned or delegated to the manager in accordance with corporate procedures.

2. By a general partner or proprietor if the industrial user submitting the reports required in this permit is a partnership or sole proprietorship respectively.

3. By a duly authorized representative of the individual designated in paragraph 1 or 2 above if:

(I) The authorization is made in writing by the individual described in paragraph 1 or 2 above.

(ii) The authorization specifies either an individual or a position having responsibility for the overall operation of the facility from which the industrial discharge originates, such as the position of plant manager, operator of a well, or well field superintendent, or a position of equivalent responsibility, or having overall responsibility for environmental matters for the company; and

(iii) The written authorization is submitted to the control authority. (The City of Canton Industrial Waste Control Division)

4. If an authorization under paragraph 3 above is no longer accurate because a different individual or position has responsibility for the overall operation of the facility, or overall responsibility for environmental matters for the company, a new authorization satisfying the requirements of 3 above must be submitted to the control authority prior to or together with any reports to be signed by an authorized representative.
Appendix - B

Reporting Codes To Be Used On Self-Monitoring Reports

<table>
<thead>
<tr>
<th>CODE</th>
<th>COMMENT</th>
</tr>
</thead>
<tbody>
<tr>
<td>AA</td>
<td>Below Detection Limit or Below Reportable Quantity *</td>
</tr>
<tr>
<td>AB</td>
<td>Analytical Data Lost, explanation in Remarks section</td>
</tr>
<tr>
<td>AC</td>
<td>No Discharge During Reporting Period, explanation in Remarks section</td>
</tr>
<tr>
<td>AE</td>
<td>Analytical Data Not Valid, explanation in Remarks section</td>
</tr>
<tr>
<td>AH</td>
<td>Sample Not Taken, explanation in Remarks section</td>
</tr>
</tbody>
</table>

Where appropriate, the preceding list of comment reporting codes must be used directly in data blocks on the City of Canton Monitoring Report Forms.

If a description is needed, accurate and complete information must accompany each reporting code used as an explanation to be listed in Remarks section.

* - The detection limit for each parameter is the smallest amount of that parameter that can be detected by the laboratory; the reportable quantity for each parameter is the smallest amount of that parameter that can be quantified by the laboratory. This limit should be supplied by the laboratory along with the analytical results and must be entered at the bottom of the report form.

The calculation for total and average reporting values when a combination of above and below detection lab results occurred, use a zero value for each below detection result (AA code) and consider the result as an observation.