



**APPROVAL OF REGISTRATION:  
GENERAL PERMIT FOR THE DISCHARGE OF  
WASTEWATERS FROM CATEGORICAL INDUSTRIAL  
USERS TO A PUBLICLY OWNED TREATMENT WORKS (POTW)**

ISSUED TO:

**Permittee Address:**

Utitec, Inc.  
169 Callender Road  
Watertown, CT 06795

**Location Address:**

169 Callender Road  
Watertown, CT 06795

**Application No.:** 201810030

**Permit No.:** CTCIU0033

**Permit Expiration Date:** October 30, 2020

In accordance with Section 22a-430b of the Connecticut General Statutes (“CGS”) as amended, the Commissioner of Energy and Environmental Protection (“the Commissioner”) hereby approves a Registration filed by Utitec, Inc., in accordance with Section 4(g) of the *General Permit for the Discharge of Wastewaters from Categorical Industrial Users to a Publicly Owned Treatment Works (POTW)* issued on March 3, 2018 (the “CIU GP”). This Approval of Registration is based on Application No. 201810030, received on August 10, 2018, and the administrative record established in the processing of such application.

Utitec, Inc. (“*Permittee*”) is hereby authorized to discharge up to 1,100 gallons per day of treated metal finishing wastewaters into the City of Waterbury Publicly Owned Treatment Works (“POTW”) via the Town of Watertown sanitary sewer system in accordance with the terms and conditions of the CIU GP and the following conditions:

- (A) **Definitions.** The definitions of the terms used in this Approval of Registration to discharge under the CIU GP shall be the same as the definitions as described in Appendix I of the CIU GP, Section 22a-423 of the CGS and Section 22a-430-3(a) of the Regulations of Connecticut State Agencies (“RCSA”), unless otherwise indicated below. As used in this Approval of Registration to discharge under the CIU GP, the definitions of the following terms shall apply:

"----" in the limits column on the monitoring table means a limit is not specified, but a value must be reported on the Discharge Monitoring Report (“DMR”).

“gpd” means gallons per day.

“gpm” means gallons per minute.

"*Maximum Daily Flow*" means the greatest volume of wastewater to be discharged over an operating day.

"*NA*" as a monitoring table abbreviation means "not applicable".

"*ND*" as a monitoring table abbreviation means "non-detectable."

"*NR*" as a monitoring table abbreviation means "not required".

"*Range During Sampling*" or "*RDS*", as a sample type, means the maximum and minimum of all values recorded as a result of analyzing each grab sample of; 1) a Composite Sample, or 2) the grab samples used to determine a Grab Sample Average. For those permittees with continuous monitoring and recording pH meters, Range During Sampling shall mean the maximum and minimum readings recorded with the continuous monitoring device during the collection of a Composite Sample or the grab samples used to determine Grab Sample Average.

"*S.U.*" means Standard Units.

"*µg/l*" means micrograms per liter.

- (B) **Sampling Requirements.** All samples shall be comprised of only those wastewaters described in the table(s) below and in compliance with the requirements of Section 5(b)(3) of the CIU GP.
- (C) **Effluent limitations and monitoring requirements.** The discharge shall not exceed and shall otherwise conform to the specific terms and conditions of Section 5 of the CIU GP and shall be further restricted by and monitored in accordance with the table(s) described below:

**Table A**

| Discharge Serial Number: 201-1   |       | Monitoring Location: 1     |                     |   |   |                                       |   |   |
|--|-------|----------------------------|---------------------|---|---|---------------------------------------|---|---|
| Wastewater Description: Wastewater is from citric acid passivation of metal parts.   |       |                            |                     |   |   |                                       |   |   |
| Monitoring Location Description: The spigot at the end of the treatment system, when the water is discharging to the sanitary sewer. |       |                            |                     |   |   |                                       |   |   |
| Discharge is to: The City of Waterbury POTW via Town of Watertown sanitary sewer lines.  |       |                            |                     |   |   |                                       |   |   |
| PARAMETER  | UNITS | FLOW/TIME BASED MONITORING |                     |   |   | INSTANTANEOUS MONITORING              |   |   |
|  |       | Average Monthly Limit      | Maximum Daily Limit | Sample/Reporting Frequency <sup>2</sup> | Sample Type or Measurement to be Reported | Instantaneous Limit or Required Range | Sample/Reporting Frequency <sup>2</sup> | Sample Type or Measurement to be Reported |
| Aluminum, total  | mg/l  | ----                       | ----                | Monthly                                 | Daily Composite                           | ----                                  | NR                                      | Grab                                      |
| Antimony, total  | mg/l  | ----                       | ----                | Monthly                                 | Daily Composite                           | ----                                  | NR                                      | Grab                                      |
| Barium, total  | mg/l  | 2.0                        | 4.0                 | Monthly                                 | Daily Composite                           | 6.0                                   | NR                                      | Grab                                      |
| Cadmium, total   | mg/l  | 0.07                       | 0.11                | Monthly                                 | Daily Composite                           | 0.16                                  | NR                                      | Grab                                      |
| Chromium, hexavalent   | mg/l  | 0.1                        | 0.2                 | Monthly                                 | Grab Sample Average                       | 0.3                                   | NR                                      | Grab                                      |
| Chromium, total  | mg/l  | 1.0                        | 2.0                 | Monthly                                 | Daily Composite                           | 3.0                                   | NR                                      | Grab                                      |
| Cobalt, total  | mg/l  | ----                       | ----                | Monthly                                 | Daily Composite                           | ----                                  | NR                                      | Grab                                      |
| Copper, total  | mg/l  | 0.54                       | 0.73                | Monthly                                 | Daily Composite                           | 1.09                                  | NR                                      | Grab                                      |
| Cyanide, amenable  | mg/l  | 0.1                        | 0.2                 | Monthly                                 | Grab Sample Average                       | 0.3                                   | NR                                      | Grab                                      |
| Cyanide, total   | mg/l  | 0.65                       | 1.2                 | Monthly                                 | Grab Sample Average                       | 1.8                                   | NR                                      | Grab                                      |
| Flow, average daily <sup>1</sup>   | gpd   | ----                       | NA                  | Daily                                   | Daily Flow                                | NA                                    | NR                                      | NA  |
| Flow, maximum daily <sup>1</sup>   | gpd   | NA                         | 1,100               | Daily                                   | Daily Flow                                | NA                                    | NR                                      | NA  |
| Flow, instantaneous  | gpm   | NA                         | NA                  | NR                                      | NA  | NA                                    | NR                                      | Instantaneous                             |
| Flow, day of sampling  | gpd   | NA                         | 1,100               | Monthly                                 | Daily Flow                                | NA                                    | NR                                      | NA  |
| Fluoride   | mg/l  | 20                         | 30                  | Monthly                                 | Daily Composite                           | 45                                    | NR                                      | Grab                                      |
| Gold, total  | mg/l  | 0.1                        | 0.5                 | Monthly                                 | Daily Composite                           | 0.75                                  | NR                                      | Grab                                      |
| Iron, total  | mg/l  | ----                       | ----                | Monthly                                 | Daily Composite                           | ----                                  | NR                                      | Grab                                      |
| Lead, total  | mg/l  | 0.1                        | 0.5                 | Monthly                                 | Daily Composite                           | 0.75                                  | NR                                      | Grab                                      |
| Mercury, total   | µg/l  | ND<0.2                     | ND<0.2              | Monthly                                 | Daily Composite                           | ND<0.2                                | NR                                      | Grab                                      |
| Nickel, total  | mg/l  | 0.63                       | 0.85                | Monthly                                 | Daily Composite                           | 1.28                                  | NR                                      | Grab                                      |
| Nitrogen, total  | mg/l  | ----                       | ----                | Monthly                                 | Daily Composite                           | ----                                  | NR                                      | Grab                                      |
| Oil petroleum, total recoverable <sup>3</sup>  | mg/l  | ----                       | 100                 | Monthly                                 | Grab Sample Average                       | ----                                  | NR                                      | Grab                                      |
| Organics, total toxic  | mg/l  | NA                         | NA                  | NR                                      | NA  | 2.13                                  | Monthly                                 | Grab                                      |
| Phosphorus, total  | mg/l  | ----                       | ----                | Monthly                                 | Daily Composite                           | ----                                  | NR                                      | Grab                                      |
| pH, day of sampling  | S.U.  | NA                         | NA                  | NR                                      | NA  | 5.5 - 11.0                            | Monthly                                 | RDS                                       |
| pH, minimum  | S.U.  | NA                         | NA                  | NR                                      | NA  | 5.5                                   | Continuous                              | Continuous                                |
| pH, maximum  | S.U.  | NA                         | NA                  | NR                                      | NA  | 11.0                                  | Continuous                              | Continuous                                |
| Silver, total  | mg/l  | 0.1                        | 0.43                | Monthly                                 | Daily Composite                           | 0.64                                  | NR                                      | Grab                                      |
| Solids, total suspended  | mg/l  | ----                       | 100                 | Monthly                                 | Daily Composite                           | 150                                   | NR                                      | Grab                                      |
| Titanium, total  | mg/l  | ----                       | ----                | Monthly                                 | Daily Composite                           | ----                                  | NR                                      | Grab                                      |

|             |      |      |      |         |                 |      |    |      |
|-------------|------|------|------|---------|-----------------|------|----|------|
| Tin, total  | mg/l | 2.0  | 4.0  | Monthly | Daily Composite | 6.0  | NR | Grab |
| Zinc, total | mg/l | 0.47 | 0.72 | Monthly | Daily Composite | 1.08 | NR | Grab |

**Table Footnotes:**

<sup>1</sup> For this parameter, the Permittee shall maintain at the facility a record of the Total Daily Flow for each day of discharge and shall report the Average Daily Flow and the Maximum Daily Flow for each sampling month.

<sup>2</sup> The first entry in this column is the 'Sample Frequency'. If this entry is not followed by a 'Reporting Frequency' and the 'Sample Frequency' is more frequent than monthly, then the 'Reporting Frequency' is monthly. If the 'Sample Frequency' is specified as monthly, or less frequent, then the 'Reporting Frequency' is the same as the 'Sample Frequency'.

<sup>3</sup> Previously, total recoverable oil petroleum was generally referred to as oil & grease, hydrocarbon fraction.

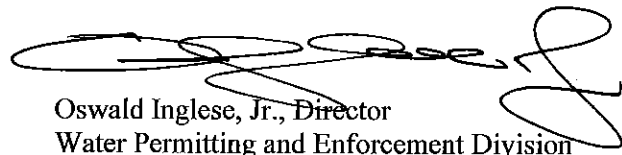
- (D) **Reporting Requirements.** The results of chemical analyses required pursuant to the table(s) above shall be reported to the Water Permitting and Enforcement Division in accordance with Sections 5(c) and 5(d) of the CIU GP.
- (E) **Reporting and Notification to Local WPCAs.** Copies of all DMRs, in accordance with Section 5(c)(2) of the CIU GP, and any notification made in accordance with Section 5(d)(1) of the CIU GP shall be submitted concurrently to the City of Waterbury POTW and Town of Watertown Sewer Department.
- (F) **TTO Monitoring.** In accordance with Sections 5(b)(1) and 5(c)(4) of the CIU GP, the Permittee may, in lieu of analyzing for total toxic organics ("TTO") as required by the table(s) above, include a statement on the DMR, at the frequency required, certifying compliance with a Solvent Management Plan approved in writing by the Commissioner. If such written approval has been granted, and the completed compliance statement in Appendix 1 of this Approval of Registration is attached to each DMR, sampling for TTO will not be required. On each monthly DMR, the Permittee shall also enter a No Data Indicator ("NODI") code "9" for total toxic organics.
- (G) **Monitoring Waiver.** The Permittee is not authorized to forego monitoring for any pollutant unless authorized in writing by the Commissioner in accordance with Section 5(b)(1) of the CIU GP.

To obtain authorization from the Commissioner to forego monitoring of any pollutant(s) not authorized in this Approval of Registration, in accordance with Section 5(b)(1) of the CIU GP, the Permittee shall obtain the analytical results for such pollutant(s), and complete and submit a modified registration form in accordance with Section 4(d)(2) of the CIU GP and Attachment K (the "Monitoring Waiver Request Form") of the CIU GP registration form. If the request for the monitoring waiver is authorized by the Commissioner, the Commissioner will issue a written modification of this Approval of Registration including Table W describing the pollutant(s) eligible for the monitoring waiver.

- (H) **Special Condition.** On or before insert date, the Permittee shall sample the discharge authorized under this Approval of Registration, conduct wastewater analyses as indicated below and submit for the Commissioner's review a completed "Attachment F Discharge Analysis" from the Department's *General Permit Registration for the Discharge of Wastewater from Categorical Industrial Users to a Publicly Owned Treatment Works (POTW)*. Analyses shall be conducted for all pollutants listed in Table 1, and all pollutants listed in Table 2 through 10 that are known or suspected to be present in the discharge. For those pollutants two samples must be taken, one sample representative of typical daily operations and one sample representative of anticipated

maximum effluent concentration(s). For any pollutants analyzed as required under this special condition that are also listed in Table A of this permit, the results shall also be reported on the Discharge Monitoring Report ("DMR") for the month in which the samples were collected. From this data a monitoring waiver may be submitted for applicable parameters.

This Approval of Registration is hereby issued on *March 8, 2019*



Oswald Inglese, Jr., Director  
Water Permitting and Enforcement Division  
Bureau of Materials Management and Compliance  
Assurance

RRR

CC: City of Waterbury POTW, Town of Watertown Sewer Department

**APPENDIX 1**

**CERTIFICATION OF COMPLIANCE WITH  
APPROVED SOLVENT MANAGEMENT PLAN**

“Based on my inquiry of the person or persons directly responsible for managing compliance with the pretreatment standard for total toxic organics, I certify that, to the best of my knowledge and belief, no dumping of concentrated toxic organics into the wastewaters has occurred since filing the last discharge monitoring report. I further certify that this facility is implementing the toxics organics management plan submitted to the control authority.”

*Authorized Official:* \_\_\_\_\_ *Title:* \_\_\_\_\_

*Signature:* \_\_\_\_\_

*Date:* \_\_\_\_\_

NOTE

A completed, signed and dated copy of this Certification of Compliance With Approved Solvent Management Plan must be submitted with each monthly Discharge Monitoring Report (“DMR”), certifying that there has been no dumping of concentrated toxic organics into the wastewater since the filing of the last DMR and that the facility is implementing the solvent management plan approved by the Commissioner. Additionally, on each monthly DMR, the Permittee must enter a No Data Indicator (“NODI”) code “9” for total toxic organics.

