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Affirmative Action/Equal Opportunity Employer

PRETREATMENT PERMIT

issued to

PHILSON, INC.
1465 Main Street
Watertown, CT 06795

Location Address:

1465 Main Street
Watertown, CT

Permit ID: SP0000019

Permit Expires: April 24, 2019

SECTION 1: GENERAL PROVISIONS

- (A) This permit is reissued in accordance with section 22a-430 of Chapter 446k, Connecticut General Statutes ("CGS"), and Regulations of Connecticut State Agencies ("RCSA") adopted thereunder, as amended, and a modified Memorandum of Agreement dated June 3, 1981, by the Administrator of the United States Environmental Protection Agency which authorizes the State of Connecticut to administer a Pretreatment Program pursuant to 40 CFR Part 403.
- (B) PHILSON, INC., ("Permittee"), shall comply with all conditions of this permit including the following sections of the RCSA which have been adopted pursuant to section 22a-430 of the CGS and are hereby incorporated into this permit. Your attention is especially drawn to the notification requirements of subsections (i)(2), (i)(3), (j)(1), (j)(6), (j)(8), (j)(9)(C), (j)(11)(C), (D), (E), and (F), (k)(3) and (4) and (l)(2) of section 22a-430-3.

Section 22a-430-3 General Conditions

- (a) Definitions
- (b) General
- (c) Inspection and Entry
- (d) Effect of a Permit
- (e) Duty
- (f) Proper Operation and Maintenance
- (g) Sludge Disposal
- (h) Duty to Mitigate
- (i) Facility Modifications; Notification
- (j) Monitoring, Records and Reporting Requirements
- (k) Bypass
- (l) Conditions Applicable to POTWs
- (m) Effluent Limitation Violations (Upsets)
- (n) Enforcement
- (o) Resource Conservation
- (p) Spill Prevention and Control
- (q) Instrumentation, Alarms, Flow Recorders
- (r) Equalization

Section 22a-430-4 Procedures and Criteria

- (a) Duty to Apply
- (b) Duty to Reapply
- (c) Application Requirements
- (d) Preliminary Review
- (e) Tentative Determination
- (f) Draft Permits, Fact Sheets
- (g) Public Notice, Notice of Hearing
- (h) Public Comments
- (i) Final Determination

- (j) Public Hearings
 - (k) Submission of Plans and Specifications. Approval.
 - (l) Establishing Effluent Limitations and Conditions
 - (m) Case by Case Determinations
 - (n) Permit issuance or renewal
 - (o) Permit Transfer
 - (p) Permit revocation, denial or modification
 - (q) Variances
 - (r) Secondary Treatment Requirements
 - (s) Treatment Requirements for Metals and Cyanide
 - (t) Discharges to POTWs - Prohibitions
- (C) Violations of any of the terms, conditions or limitations contained in this permit may subject the Permittee to enforcement action, including but not limited to, penalties, injunctions and/or forfeitures pursuant to applicable sections of the CGS and RCSA. Specifically, civil penalties of up to twenty-five thousand dollars may be assessed per violation per day.
- (D) Any false statement in any information submitted pursuant to this permit may be punishable as a criminal offense under section 22a-438 or 22a-131a of the CGS or in accordance with section 22a-6, under section 53a-157b of the CGS.
- (E) The authorization to discharge under this permit may not be transferred without prior written approval of the Commissioner of Energy and Environmental Protection ("the Commissioner"). To request such approval, the Permittee and proposed transferee shall register such proposed transfer with the Commissioner at least thirty (30) days prior to the transferee becoming legally responsible for creating or maintaining any discharge which is the subject of the permit transfer. Failure by the transferee to obtain the Commissioner's approval prior to commencing such discharge(s) may subject the transferee to enforcement action for discharging without a permit pursuant to applicable sections of the CGS and RCSA.
- (F) Nothing in this permit shall relieve the Permittee of other obligations under applicable federal, state and local law.
- (G) An annual fee shall be paid for each year this permit is in effect as set forth in section 22a-430-7 of the RCSA.

SECTION 2: DEFINITIONS

- (A) The definitions of the terms used in this permit shall be the same as the definitions contained in section 22a-423 of the CGS and sections 22a-430-3(a) and 22a-430-6 of the RCSA.
- (B) In addition to the above, the following definitions shall apply to this permit:

"----" 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").

"Average Monthly Limit" means the maximum allowable "Average Monthly Concentration" as defined in section 22a-430-3(a) of the RCSA when expressed as a concentration (e.g. mg/l). Otherwise, it means "Average Monthly Discharge Limitation" as defined in section 22a-430-3(a) of the RCSA.

"Daily Concentration" means the concentration of a substance as measured in a daily composite sample, or the arithmetic average of all grab sample results defining a grab sample average.

"Daily Quantity" means the quantity of waste generated during an operating day.

"Instantaneous Limit" means the highest allowable concentration of a substance as measured by a grab sample, or the highest allowable measurement of a parameter as obtained through instantaneous monitoring.

"Maximum Daily Limit" means the maximum allowable "Daily Concentration" (defined above) when expressed as a concentration (e.g. mg/l). Otherwise, it means the maximum allowable "Daily Quantity," as defined above, unless it is expressed as a flow quantity. If expressed as a flow quantity, it means "Maximum Daily Flow" as defined in section 22a-430-3(a) of the RCSA.

"mg/l" means milligrams per liter.

"NA" as a Monitoring Table abbreviation means "not applicable".

"NR" as a Monitoring Table abbreviation means "not required".

"Quarterly", in the context of a sampling frequency, means sampling is required in the months of March, June, September and December.

"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) 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 Composite or Grab Sample Average sample collection.

"Range During Month" or "RDM", as a sample type, means the lowest and the highest values of all of the monitoring data for the reporting month.

"Semi-Annual" in the context of a sampling frequency, means the sample must be collected in the months of June and December.

"Sub-discharge" means a discharge described under Tables B and C (those representing for example DSN 001-A, 001-B) of this permit.

"Twice per Month," when used as a sample frequency, shall mean two samples per calendar month collected no less than twelve (12) days apart.

SECTION 3: COMMISSIONER'S FINAL DETERMINATION

- (A) The Commissioner has made a final determination and found that the continuance of the existing system to treat the discharge will protect the waters of the state from pollution. The Commissioner's final determination is based on Application No. 201205508 for permit reissuance received on July 9, 2012 and the administrative record established in the processing of that application.
- (B) The Commissioner hereby authorizes the Permittee to discharge in accordance with the provisions of this permit, the above referenced application, and all approvals issued by the Commissioner or the Commissioner's authorized agent for the discharges and/or activities authorized by, or associated with, this permit as follows:
 - (1) From the issuance of this permit through and including April 30, 2014, the Commissioner hereby authorizes the Permittee to discharge in accordance with the terms and conditions of Permit No. SP0000019, issued by the Commissioner to the Permittee on January 7, 2008, the previous application submitted by the Permittee on April 8, 2004, and all modifications and approvals issued by the Commissioner or the Commissioner's authorized agent for the discharge and/or activities authorized by, or associated with, Permit No. SP0000019, issued by the Commissioner to the Permittee on January 7, 2008.
 - (2) From May 1, 2014 until this permit expires or is modified or revoked, the Commissioner hereby authorizes the Permittee to discharge in accordance with the terms and conditions of Permit No. SP0000019, issued by the Commissioner to the Permittee on April 25, 2014, Application No. 201205508, received by the Department on July 9, 2012, and all modifications and approvals issued by the Commissioner or the Commissioner's authorized agent for the discharge and/or activities authorized by, or associated with, Permit No. SP0000019, issued by the Commissioner to the Permittee on April 25, 2014.
- (C) The Commissioner reserves the right to make appropriate revisions to the permit in order to establish any appropriate effluent limitations, schedules of compliance or other provisions that may be authorized under the Federal Clean Water Act or the Connecticut General Statutes or regulations adopted thereunder, as amended. The permit as modified or renewed under this paragraph may also contain any other requirements of the Federal Clean Water Act or Connecticut General Statutes or regulations adopted thereunder which are then applicable.

SECTION 4: EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

- (A) The discharges shall not exceed and shall otherwise conform to specific terms and conditions listed below. The discharges are restricted by, and shall be monitored in accordance with, the tables below.

Table A

Discharge Serial Number: DSN 001-1		Monitoring Location: 1						
Wastewater Description: Wastewater from metal finishing operations, boiler blowdown and air compressor blowdown								
Monitoring Location Description: No physical sampling/monitoring is required at this location. All limits apply to the mathematical addition of the results obtained by monitoring DSNs 001-A and 001-B.								
Discharge is to: The City of Waterbury Publicly Owned Treatment Works via the Town of Watertown's conveyance system.								
PARAMETER	UNITS	FLOW/TIME BASED MONITORING			INSTANTANEOUS MONITORING			
		Average Monthly Limit	Maximum Daily Limit	Sample/Reporting Frequency ²	Sample Type or Measurement to be reported	Instantaneous limit or required range	Sample/Reporting Frequency ²	Sample Type or measurement to be reported
Flow, Total	gpd	75,000	100,000	Monthly ³	Daily Flow	NA	NR	NA
Flow Rate (Average Daily) ¹	gpd	75,000	NA	Continuous/ Monthly ³	Daily Flow	NA	NR	NA
Flow, Maximum during 24 hr period ¹	gpd	NA	100,000	Continuous/ Monthly ³	Daily Flow	NA	NR	NA
Table Footnotes:								
Footnotes:								
¹ 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 month.								
² 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 frequently, then the 'Reporting Frequency' is the same as the 'Sample Frequency'.								
³ These parameters shall be monitored for and reported by adding the results of the corresponding parameters of DSNs 001-A and 001-B.								

Table B

Discharge Serial Number: DSN 001-A		Monitoring Location: 1						
Wastewater Description: Wastewater from the phosphoric bright dip line, including dye rinses and associated cleaning waters; water softener backwashes and other water treatment wastewaters; air compressor blowdown; power washing wastewaters; boiler blowdown; non-contact cooling and heating waters; container washout; spill containment stormwater; building maintenance wastewater.								
Monitoring Location Description: Samples shall be taken after the pH adjustment system and prior to mixing with any other effluent.								
Discharge is to: The City of Waterbury Publicly Owned Treatment Works via the Town of Watertown's conveyance system.								
PARAMETER	UNITS	FLOW/TIME BASED MONITORING				INSTANTANEOUS MONITORING		
		Average Monthly Limit	Maximum Daily Limit	Sample/Reporting Frequency ²	Sample Type or Measurement to be reported	Instantaneous limit or required range	Sample/Reporting Frequency ²	Sample Type or measurement to be reported
Aluminum, Total	mg/l	NA	----	Quarterly	Daily Composite	NA	NR	Grab
Cadmium, Total	mg/l	0.07	0.11	Semi-Annually	Daily Composite	0.16	NR	Grab
Chromium, Total	mg/l	1.0	2.0	Semi-Annually	Daily Composite	3.0	NR	Grab
Copper, Total	mg/l	0.54	0.73	Quarterly	Daily Composite	1.09	NR	Grab
Cyanide, Total	mg/l	0.65	1.2	NR	NA	1.2	Semi-Annually	Grab
Flow, Instantaneous	gpm	NA	NA	NR	NA	60.0	Continuous	Instantaneous
Flow Rate (Average Daily) ¹	gpd	24,000	NA	Continuous	Daily Flow	NA	NR	NA
Flow, Maximum during 24 hr period ¹	gpd	NA	36,000 ⁴	Continuous	Daily Flow	NA	NR	NA
Flow (Day of Sampling)	gpd	24,000	36,000 ⁴	Monthly	Daily Flow	NA	NR	NA
Lead, Total	mg/l	0.1	0.5	NR	NA	0.5	Semi-Annually	Grab
Nickel, Total	mg/l	0.63	0.85	Quarterly	Daily Composite	1.28	NR	Grab
pH, Day of Sampling	S.U.	NA	NA	NR	NA	6.0 – 10.0	Monthly	RDS
pH, Minimum	S.U.	NA	NA	NR	NA	6.0	Continuous	Continuous
pH, Maximum	S.U.	NA	NA	NR	NA	10.0	Continuous	Continuous
Phosphorus, Total (as P)	mg/l	-----	-----	Monthly	Daily Composite	-----	NR	Grab
Silver, Total	mg/l	0.1	0.43	Semi-Annually	Daily Composite	0.64	NR	Grab
Total Suspended Solids	mg/l	-----	-----	Monthly	Daily Composite	-----	NR	Grab
Total Toxic Organics ³	mg/l	NR	NR	NR	NA	2.13	Quarterly	Grab
Zinc, Total	mg/l	0.47	0.72	Quarterly	Daily Composite	1.08	NR	Grab

Table Footnotes:**Footnotes:**

¹ 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 month.

² 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 frequently, then the 'Reporting Frequency' is the same as the 'Sample Frequency'.

³ See section 5, paragraph (G), below.

⁴ The combined Maximum Daily Flows for DSN 001-A and DSN 001-B cannot exceed 100,000 gallons per day.

DURING THE PERIOD BEGINNING FROM THE DATE OF PERMIT ISSUANCE THROUGH FIVE HUNDRED AND FORTY-FIVE (545) DAYS AFTER PERMIT ISSUANCE, THE PERMITTEE SHALL COMPLY WITH TABLE C.

Table C

Discharge Serial Number: DSN 001-B		Monitoring Location: 1						
Wastewater Description: Wastewater from etching operations, sulfuric acid anodizing and aluminum sealing; spent dyes and sealers; fume scrubbers wastewater; evaporator steam condensate; boiler condensate and overflow; laboratory wastewaters; spill containment stormwater; acid bleed-off from the strong acid dump tank; wastewater from DSN001-A which is not within pH specifications; container washout; non-contact cooling and heating water; filter cleaning wastewaters; power washing wastewater; building maintenance wastewaters.								
Monitoring Location Description: Samples shall be taken after the wastewater treatment system and prior to mixing with any other effluent.								
Discharge is to: The City of Waterbury Publicly Owned Treatment Works via the Town of Watertown's conveyance system.								
PARAMETER	UNITS	FLOW/TIME BASED MONITORING			INSTANTANEOUS MONITORING			
		Average Monthly Limit	Maximum Daily Limit	Sample/Reporting Frequency ²	Sample Type or Measurement to be reported	Instantaneous limit or required range	Sample/Reporting Frequency ²	Sample Type or measurement to be reported
Aluminum, Total	mg/l	NA	-----	Quarterly	Daily Composite	NA	NR	Grab
Cadmium, Total	mg/l	0.07	0.11	Semi-Annually	Daily Composite	0.16	NR	Grab
Chromium, Total	mg/l	1.0	2.0	Semi-Annually	Daily Composite	3.0	NR	Grab
Copper, Total	mg/l	0.54	0.73	Monthly	Daily Composite	1.09	NR	Grab
Cyanide, Total	mg/l	0.65	1.2	NR	NA	1.2	Semi-Annually	Grab
Flow, Instantaneous	gpm	NA	NA	NR	NA	65.5	Continuous	Instantaneous
Flow Rate (Average Daily) ¹	gpd	51,000	NA	Continuous	Daily Flow	NA	NR	NA
Flow, Maximum during 24 hr period ¹	gpd	NA	79,200 ⁴	Continuous	Daily Flow	NA	NR	NA
Flow (Day of Sampling)	gpd	51,000	79,200 ⁴	Weekly	Daily Flow	NA	NR	NA
Lead, Total	mg/l	0.1	0.5	NR	NA	0.5	Semi-Annually	Grab
Nickel, Total	mg/l	1.0	2.0	Weekly	Daily Composite	3.0	NR	Grab
pH, Day of Sampling	S.U.	NA	NA	NR	NA	6.0 -- 10.0	Weekly	RDS
pH, Minimum	S.U.	NA	NA	NR	NA	6.0	Continuous	Continuous

pH, Maximum	S.U.	NA	NA	NR	NA	10.0	Continuous	Continuous
Phosphorus, Total (as P)	mg/l	----	----	Monthly	Daily Composite	----	NR	Grab
Silver, Total	mg/l	0.1	0.43	Semi-Annually	Daily Composite	0.64	NR	Grab
Total Suspended Solids	mg/l	----	----	Weekly	Daily Composite	----	NR	Grab
Total Toxic Organics ³	mg/l	NR	NR	NR	NA	2.13	Quarterly	Grab
Zinc, Total	mg/l	0.47	0.72	Monthly	Daily Composite	1.08	NR	Grab

Table Footnotes:

Footnotes:

¹ 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 month.

² 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 frequently, then the 'Reporting Frequency' is the same as the 'Sample Frequency'.

³ See section 5, paragraph (G), below.

⁴ The combined Maximum Daily Flows for DSN 001-A and DSN 001-B cannot exceed 100,000 gallons per day.

DURING THE PERIOD BEGINNING ON FIVE HUNDRED AND FORTY-SIX (546) DAYS FROM PERMIT ISSUANCE, THE PERMITTEE SHALL COMPLY WITH TABLE D.
TABLE C IS NO LONGER APPLICABLE AFTER FIVE HUNDRED AND FORTY-FIVE (545) DAYS FROM PERMIT ISSUANCE.

Table D

Discharge Serial Number: DSN 001-B				Monitoring Location: 1				
Wastewater Description: Wastewater from etching operations, sulfuric acid anodizing and aluminum sealing; spent dyes and sealers; fume scrubbers wastewater; evaporator steam condensate; boiler condensate and overflow; laboratory wastewaters; spill containment stormwater; acid bleed-off from the strong acid dump tank; wastewater from DSN001-A which is not within pH specifications; container washout; non-contact cooling and heating water; filter cleaning wastewaters; power washing wastewater; building maintenance wastewaters.								
Monitoring Location Description: Samples shall be taken after the wastewater treatment system and prior to mixing with any other effluent.								
Discharge is to: The City of Waterbury Publicly Owned Treatment Works via the Town of Watertown 's conveyance system.								
PARAMETER	UNITS	FLOW/TIME BASED MONITORING				INSTANTANEOUS MONITORING		
		Average Monthly Limit	Maximum Daily Limit	Sample/Reporting Frequency ²	Sample Type or Measurement to be reported	Instantaneous limit or required range	Sample/Reporting Frequency ²	Sample Type or measurement to be reported
Aluminum, Total	mg/l	NA	-----	Quarterly	Daily Composite	NA	NR	Grab
Cadmium, Total	mg/l	0.07	0.11	Semi-Annually	Daily Composite	0.16	NR	Grab
Chromium, Total	mg/l	1.0	2.0	Semi-Annually	Daily Composite	3.0	NR	Grab
Copper, Total	mg/l	0.54	0.73	Monthly	Daily Composite	1.09	NR	Grab
Cyanide, Total	mg/l	0.65	1.2	NR	NA	1.2	Semi-Annually	Grab
Flow, Instantaneous	gpm	NA	NA	NR	NA	65.5	Continuous	Instantaneous
Flow Rate (Average Daily) ¹	gpd	51,000	NA	Continuous	Daily Flow	NA	NR	NA

Flow, Maximum during 24 hr period ¹	gpd	NA	79,200 ⁴	Continuous	Daily Flow	NA	NR	NA
Flow (Day of Sampling)	gpd	51,000	79,200 ⁴	Weekly	Daily Flow	NA	NR	NA
Lead, Total	mg/l	0.1	0.5	NR	NA	0.5	Semi-Annually	Grab
Nickel, Total	mg/l	0.63	0.85	Weekly	Daily Composite	1.28	NR	Grab
pH, Day of Sampling	S.U.	NA	NA	NR	NA	6.0 – 10.0	Weekly	RDS
pH, Minimum	S.U.	NA	NA	NR	NA	6.0	Continuous	Continuous
pH, Maximum	S.U.	NA	NA	NR	NA	10.0	Continuous	Continuous
Phosphorus, Total (as P)	mg/l	-----	-----	Monthly	Daily Composite	-----	NR	Grab
Silver, Total	mg/l	0.1	0.43	Semi-Annually	Daily Composite	0.64	NR	Grab
Total Suspended Solids	mg/l	-----	-----	Weekly	Daily Composite	-----	NR	Grab
Total Toxic Organics ³	mg/l	NR	NR	NR	NA	2.13	Quarterly	Grab
Zinc, Total	mg/l	0.47	0.72	Monthly	Daily Composite	1.08	NR	Grab

Table Footnotes:

Footnotes:

¹ 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 month.

² 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 frequently, then the 'Reporting Frequency' is the same as the 'Sample Frequency'.

³ See section 5, paragraph (G), below.

⁴ The combined Maximum Daily Flows for DSN 001-A and DSN 001-B cannot exceed 100,000 gallons per day.

- (B) All samples shall be comprised of only those wastewaters described in this schedule. Therefore, samples shall be taken prior to combination with wastewaters of any other type and after all approved treatment units, if applicable. All samples taken shall be representative of the discharge during standard operating conditions.
- (C) In cases where limits and sample type are specified but sampling is not required, the limits specified shall apply to all samples which may be collected and analyzed by the Department of Energy and Environmental Protection personnel, the Permittee or other parties.

SECTION 5: SAMPLE COLLECTION, HANDLING AND ANALYTICAL TECHNIQUES AND REPORTING REQUIREMENTS

- (A) Chemical analyses to determine compliance with effluent limits and conditions established in this permit shall be performed using the methods approved by the Environmental Protection Agency pursuant to 40 CFR 136 unless an alternative method has been approved in writing in accordance with 40 CFR 136.4 or as provided in section 22a-430-3(j)(7) of the RCSA. Chemicals which do not have methods of analysis defined in 40 CFR 136 shall be analyzed in accordance with methods specified in this permit.
- (B) All metals analyses identified in this permit shall refer to analyses for total recoverable metal as defined in 40 CFR 136 unless otherwise specified.
- (C) The results of chemical analysis required above shall be entered on the DMR, provided by this office, and reported to the Water Permitting and Enforcement Division at the address below. Except for continuous monitoring, any monitoring required more frequently than monthly shall be reported on an attachment to the DMR, and any additional monitoring conducted in accordance with 40 CFR 136 or other methods approved by the Commissioner shall also be included on the DMR, or as an attachment, if necessary. The report shall also include a detailed explanation of any violations of the limitations specified. The DMR shall be received at the address below by the last day of the month following the month in which samples are taken.

Water Permitting and Enforcement Division (Attn: DMR Processing)
Bureau of Materials Management and Compliance Assurance
Connecticut Department of Energy and Environmental Protection
79 Elm Street
Hartford, CT 06106-5127

- (D) If this permit requires monitoring of a discharge on a calendar basis (e.g., monthly, quarterly) but a discharge has not occurred within the frequency of sampling specified in the permit, the Permittee must submit the DMR as scheduled, indicating "NO DISCHARGE". For those permittees whose required monitoring is discharge dependent (e.g. per batch), the minimum reporting frequency is monthly. Therefore, if there is no discharge during a calendar month for a batch discharge, a DMR must be submitted indicating such by the end of the following month.

(E) NetDMR Reporting Requirements

1. Prior to one-hundred and eighty (180) days after the issuance of this permit, the Permittee may either submit monitoring data and other reports to the Department in hard copy form or electronically using NetDMR, a web-based tool that allows Permittees to electronically submit DMRs and other required reports through a secure internet connection. Unless otherwise approved in writing by the Commissioner, no later than one-hundred and eighty (180) days after the issuance of this permit, the Permittee shall begin reporting electronically using NetDMR. Specific requirements regarding subscription to NetDMR, and submittal of data and reports in hard copy form and for submittal using NetDMR are described below:

a. Submittal of *NetDMR Subscriber Agreement*

On or before fifteen (15) days after the issuance of this permit, the Permittee and/or the person authorized to sign the Permittee's DMRs ("Signatory Authority") as described in section 22a-430-3(b)(2) of the RCSA shall contact the Department at deep.netdmr@ct.gov and initiate the NetDMR subscription process for electronic submission of DMR information. Information on NetDMR is available on the Department's website at www.ct.gov/deep/netdmr. On or before ninety (90) days after issuance of this permit, the Permittee shall submit a signed and notarized copy of the **Connecticut DEEP NetDMR Subscriber Agreement** to the Department.

b. Submittal of Reports Using NetDMR

Unless otherwise approved by the Commissioner, on or before one-hundred and eighty (180) days after issuance of this permit, the Permittee and/or the Signatory Authority shall begin to electronically submit DMRs and reports required under this permit to the Department using NetDMR in satisfaction of the DMR submission requirement of Section 5(C) of this permit.

DMRs shall be submitted electronically to the Department no later than the thirtieth (30th) day of the month following the completed reporting period. All reports required under the permit, including any monitoring conducted more frequently than monthly or any additional monitoring conducted in accordance with 40 CFR 136, shall be submitted to the Department as an electronic attachment to the DMR in NetDMR. Once a Permittee begins submitting reports using NetDMR, it will no longer be required to submit hard copies of DMRs or other reports to the Department. The Permittee shall also electronically file any written report of non-compliance described in Section 6 of this permit as an attachment in NetDMR. NetDMR is accessed from: <http://www.epa.gov/netdmr>.

c. Submittal of NetDMR Opt-Out Requests

If the Permittee is able to demonstrate a reasonable basis, such as technical or administrative infeasibility, that precludes the use of NetDMR for electronically submitting DMRs and reports, the Commissioner may approve the submission of DMRs and other required reports in hard copy form ("opt-out request"). Opt-out requests must be submitted in writing to the Department for written approval on or before fifteen (15) days prior to the date the Permittee would be required under this permit to begin filing DMRs and other reports using NetDMR. This demonstration shall be valid for twelve (12) months from the date of the Department's approval and shall thereupon expire. At such time, DMRs and reports shall be submitted electronically to the Department using NetDMR unless the Permittee submits a renewed opt-out request and such request is approved by the Department.

All opt-out requests and requests for the NetDMR subscriber form should be sent to the following address or by email at deep.netdmr@ct.gov:

Attn: NetDMR Coordinator
Connecticut Department of Energy and Environmental Protection
79 Elm Street
Hartford, CT 06106-5127

- (F) Copies of all DMRs shall be submitted concurrently to the Waterbury Publicly Owned Treatment Works ("POTW").
- (G) For Total Toxic Organics ("TTO") monitoring, in accordance with section 22a-430-4(l) of the RCSA and 40 CFR 433 (Metal Finishing Point Source Category), the Permittee may, in lieu of analyzing for TTO, include a statement on each DMR certifying compliance with its approved Solvent Management Plan. This certification statement shall be as follows:

"Based on my inquiry of the person or persons responsible for managing compliance with the permit limitation for Total Toxic Organics (TTO), 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 which required such certification. I further certify that this facility is implementing the solvent management plan approved by the Commissioner."

SECTION 6: RECORDING AND REPORTING OF VIOLATIONS, ADDITIONAL TESTING REQUIREMENTS

- (A) If any sample analysis indicates that an effluent limitation specified in Section 4 of this permit has been exceeded, a second sample of the effluent shall be collected and analyzed for the parameter(s) in question and the results reported to the Water Permitting and Enforcement Division (Attn: DMR Processing) within thirty (30) days of the exceedance.
- (B) The Permittee shall immediately notify the Water Permitting and Enforcement Division, the Waterbury POTW and the Watertown Water and Sewer Department, of all discharges that could cause problems to the sanitary sewer system or

the Publicly Owned Treatment Works ("POTW"), including but not limited to slug loadings of pollutants which may cause a violation of the POTW's NPDES permit, or which may inhibit or disrupt the POTW, its treatment processes or operations, or its sludge processes, use or disposal.

- (C) In addition to the notification requirements specified in Section 1B of this permit, if any sampling and analysis of the discharge performed by the Permittee indicates a violation of limits specified in Section 4 of this permit, the Permittee shall notify the Water Permitting and Enforcement Division within twenty-four (24) hours of becoming aware of the violation.

SECTION 7: COMPLIANCE SCHEDULE

- (A) On or before two hundred and seventy (270) days after the date of issuance of this permit, the Permittee shall submit to the Commissioner a status report describing measures to be implemented to ensure that the Permittee will meet the limits for total nickel for DSN 001-B which will become effective five hundred and forty-six (546) days after permit issuance. Measures to be evaluated shall include, but not be limited to process changes, chemical substitution and modification of the existing wastewater treatment system.
- (B) Submission of documents. Any document, other than a discharge monitoring report, required to be submitted to the Commissioner under this section of the permit shall, unless otherwise specified in writing by the Commissioner, be directed to:

Ewa Wozniak, Sanitary Engineer
Department of Energy and Environmental Protection
Bureau of Materials Management and Compliance Assurance
Water Permitting and Enforcement Division
79 Elm Street
Hartford, CT 06106-5127

SECTION 8: COMPLIANCE CONDITIONS

In accordance with 40 CFR 403.8(f)(2)(viii), the Commissioner may provide public notification, in a newspaper of general circulation in the area of the respective POTW, of permittees that at any time in the previous twelve months were in significant noncompliance with the provisions of its permit. For the purposes of this provision, a permittee that is a Significant Industrial User is in significant noncompliance if its violation(s) meet(s) one or more of the following criteria:

- **Chronic violations:** Those in which sixty-six percent (66%) or more of all measurements taken for the same pollutant parameter during a six (6) month period exceed, by any magnitude, the Average Monthly, Maximum Daily or Maximum Instantaneous Limits.
- **Technical Review Criteria violations:** Those in which thirty-three percent (33%) or more of all of the measurements taken for the same pollutant parameter during a six-month period equal or exceed the Average Monthly, Maximum Daily, or Maximum Instantaneous Limit(s) multiplied by 1.4 for biochemical oxygen demand, total suspended solids or fats, oil and grease, or 1.2 for all other pollutants except pH.
- **Monitoring Reports:** Failure to provide, within forty-five (45) days after the due date, required reports such as DMRs.
- **Compliance Schedule:** Failure to meet within ninety (90) days after the schedule date, a compliance schedule milestone contained in or linked to a respective permit for starting construction, completing construction, or attaining final compliance.
- **Noncompliance Reporting:** Failure to accurately report noncompliance in accordance with provisions identified in Section 6 of this permit.
- **Discretionary:** Any other violation of an effluent limit that the Department determines has caused, alone or in combination with other discharges, a violation of the POTW's NPDES permit, inhibition or disruption of the POTW, its treatment processes or operations, or its sludge processes, use or disposal.

- **Imminent Endangerment:** Any discharge of a pollutant that has caused imminent endangerment to human health, welfare or to the environment, or has resulted in the Department's exercise of its emergency authority under 40 CFR 403.8(f)(1)(vi)(B) to halt or prevent such a discharge.
- **Best Management Practices ("BMPs"):** Any other violation or group of violations, which may include a violation of BMPs, which the Department determines will adversely affect the operation or implementation of the pretreatment program.

This permit is hereby issued on *April 25, 2014*

for *Sean Whalen, Deputy Commissioner*
Macky McCleary
Deputy Commissioner
Department of Energy and Environmental Protection

MM/EMW

cc: Waterbury POTW
Watertown Water and Sewer Department