

PRETREATMENT PERMIT

issued to

Pape Electroplating Company, Inc.
410 John Downey Drive
New Britain, CT 06051

Location Address:

410 John Downey Drive
New Britain, CT 06051

Permit ID: SP0000059

Permit Expires: August 21, 2018

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 (MOA) 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) Pape Electroplating Company, 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 subsection (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, seeking 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 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 Regulations of Connecticut State Agencies.

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 section 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 DMR.
- "Annual" in the context of a sampling frequency, means the sample must be collected in the month of *.
- "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.

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

"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) 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.

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

SECTION 3: COMMISSIONER'S 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 decision is based on Application No. 201200773 for permit reissuance received on February 21, 2012 and the administrative record established in the processing of that application.
- (B)
 - (1) From the issuance of this permit through and including August 31, 2013, the Commissioner hereby authorizes the Permittee to discharge in accordance with the terms and conditions of Permit No. SP0000059, issued by the Commissioner to the Permittee on August 19, 2007, the previous application submitted by the Permittee on November 7, 2002, 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. SP0000059, issued by the Commissioner to the Permittee on August 19, 2007.
 - (2) From September 1, 2013 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. SP0000059, issued by the Commissioner to the Permittee on August 22, 2013, Application No. 201200773 received by the Department on February 21, 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. SP0000059, issued by the Commissioner to the Permittee on August 22, 2013.
- (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: 001-1		Monitoring Location: 1						
Wastewater Description: Treated electrolless and electroplating wastewater including laboratory and recycled boiler blowdown wastewaters								
Monitoring Location Description: Outlet from the microfiltration membranes								
Discharge is to: The Mattabassett District Water Pollution Control Facility via the City of New Britain collection 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
Cadmium, Total	mg/l	0.1	0.5	Semi-Annual	Daily Composite	0.75	NR	NA
Chromium, Total	mg/l	1.0	2.0	Weekly	Daily Composite	3.0	NR	NA
Copper, Total	mg/l	1.0	2.0	Semi-Annual	Daily Composite	3.0	NR	NA
Cyanide, Total	mg/l	0.65	1.2	Semi-Annual	Grab Sample Average	1.8	NR	NA
Flow Rate (Average Daily) ¹	gpd	50,000	NA	Continuous/ /Daily	Daily Flow	NA	NR	NA
Flow, Maximum during 24 hr period ¹	gpd	NA	90,000	Continuous/ /Daily	Daily Flow	NA	NR	NA
Flow (Day of Sampling)	gpd	NA	90,000	Weekly	Daily Flow	NA	NR	NA
Lead, Total	mg/l	0.1	0.5	Semi-Annual	Daily Composite	0.75	NR	NA
Nickel, Total	mg/l	1.0	2.0	Weekly	Daily Composite	3.0	NR	NA
Organics, Total Toxic	mg/l	NA	NA	NR	NA	2.13	Semi-Annual	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	RDM
pH, Maximum	S.U.	NA	NA	NR	NA	10.0	Continuous	RDM
Zinc, Total	mg/l	1.0	2.0	Weekly	Daily Composite	3.0	NR	NA

Table 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 frequent, then the 'Reporting Frequency' is the same as the 'Sample Frequency'.

Table B

Discharge Serial Number: 001-A		Monitoring Location: 1	
Wastewater Description: Treated Hexavalent Chromium Wastewater			
Monitoring Location Description: After chromium treatment tank (TK-1) prior to discharging into pH adjustment tank (TK-4)			
Discharge is to: The Mattabassett District Water Pollution Control Facility via the City of New Britain collection system			
FLOW/TIME BASED MONITORING		INSTANTANEOUS MONITORING	
PARAMETER	UNITS	Average Monthly Limit	Maximum Daily Limit
Chromium, Hexavalent	mg/l	0.1	0.2
Flow, Maximum Daily ¹	gpd	NA	-----
Flow, Day of Sampling	gpd	NA	-----
		Sample/Reporting Frequency ²	Instantaneous Limit or Required Range
		Weekly	0.3
		Grab Sample Average	NA
		Daily	NA
		Daily Flow	NA
		Weekly	NA
		Daily Flow	NA
		Sample Type or Measurement to be Reported	Sample Type or Measurement to be Reported
		NR	NA
		NR	NA
		NR	NA

Table 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 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 frequent, then the 'Reporting Frequency' is the same as the 'Sample Frequency'.

- (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 Discharge Monitoring Report (DMR), provided by this office, and reported to the Bureau of Materials Management and Compliance Assurance at the following address. 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 this address by the last day of the month following the month in which samples are taken.

Bureau of Materials Management and Compliance Assurance
Water Permitting and Enforcement Division (Attn: DMR Processing)
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, etc.) 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 discharge monitoring reports (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 discharge monitoring reports ("Signatory Authority") as described in RCSA Section 22a-430-3(b)(2) shall contact the Department at deep.netdmr@ct.gov and initiate the NetDMR subscription process for electronic submission of Discharge Monitoring Report (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 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 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 a 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 local Water Pollution Control Authority(ies) ("WPCA") involved in the treatment and collection of the permitted discharge.
- (G) For Total Toxic Organics (TTO) monitoring, in accordance with 22a-430-4(1) of the RCSA, 40 CFR 413 (Electroplating), and 40 CFR 433 (Metal Finishing), 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 Bureau of Materials Management and Compliance Assurance (Attn: DMR Processing) within 30 days of the exceedance.

- (B) The Permittee shall immediately notify the Bureau of Materials Management and Compliance Assurance and the local WPCA of all discharges that could cause problems to 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 Bureau of Materials Management and Compliance Assurance within 24 hours of becoming aware of the violation.

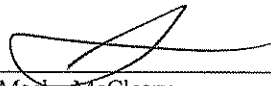
SECTION 7: COMPLIANCE CONDITIONS

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 this 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 (66%) percent or more of all measurements taken for the same pollutant parameter during a six-month period exceed (by any magnitude) the Average Monthly, Maximum Daily, or Maximum Instantaneous Limit(s).
- **Technical Review Criteria violations:** Those in which thirty-three (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 BOD, TSS, fats, oil, and grease, or 1.2 for all other pollutants except pH.
- **Monitoring Reports:** Failure to provide, within 45 days after the due date, required reports such as DMRs.
- **Compliance Schedule:** Failure to meet within 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.
- **BMPs:** Any other violation or group of violations, which may include a violation of Best Management Practices, which the Department determines will adversely affect the operation or implementation of the pretreatment program.

This permit is hereby issued on

8/22/17



Macky McCleary
Deputy Commissioner
Department of Energy and Environmental Protection

MM/SCE

cc: The Mattabassett District Water Pollution Control Facility

DATA TRACKING AND TECHNICAL FACT SHEET

Permittee: Pape Electroplating Company, Inc.

PERMIT, ADDRESS, AND FACILITY DATA

PERMIT #: SP0000059

APPLICATION #: 201200773

<u>Mailing Address:</u> Street: 410 John Downey Drive City: New Britain ST: CT Zip: 06051	<u>Location Address:</u> Street: 410 John Downey Drive City: New Britain ST: CT Zip: 06051
Contact Name: Alicja Urbanowicz Phone No.: (860) 229-1414	DMR Contact Alicja Urbanowicz Phone No.: (860) 229-1414

PERMIT INFORMATION

DURATION 5 YEAR X 10 YEAR ___ 30 YEAR ___

TYPE New ___ Reissuance X Modification ___

CATEGORIZATION POINT (X) NON-POINT ()

NPDES () PRETREAT (X) GROUND WATER (UIC) () GROUND WATER (OTHER) ()

NPDES MAJOR(MA) ___
NPDES SIGNIFICANT MINOR or PRETREAT SIU (SI) X
NPDES or PRETREATMENT MINOR (MI) ___

PRETREAT SIGNIFICANT INDUS USER(SIU) X
PRETREAT CATEGORICAL (CIU) X

POLLUTION PREVENTION MANDATE ___

ENVIRONMENTAL EQUITY ISSUE ___

SOLVENT MANAGEMENT PLAN

Is the facility operating under an approved solvent management plan (SMP)? Yes X No ___
If yes, indicate date issued September 11, 2012.

COMPLIANCE ISSUES

COMPLIANCE SCHEDULE YES ___ NO X (If yes check off what it is in relation to.)

POLLUTION PREVENTION ___ TREATMENT REQUIREMENT ___ WATER CONSERVATION ___

WATER QUALITY REQUIREMENT ___ REMEDIATION ___ OTHER ___

IS THE PERMITTEE SUBJECT TO A PENDING ENFORCEMENT ACTION? NO X YES ___

OWNERSHIP CODE

Private X Federal ___ State ___ Municipal (town only) ___ Other public ___

DEEP STAFF ENGINEER Stephen Edwards

PERMIT FEES

Discharge Code	DSN Number	Annual Fee
501035z	001	\$8,425
501035n	001-A	\$0.0

FOR SEWER DISCHARGES

Discharge to the Mattabassett District Water Pollution Control Facility via the City of New Britain collection system.

NATURE OF BUSINESS GENERATING DISCHARGE

Pape Electroplating Company, Inc. operates a zinc electroplating, electroless nickel plating and zinc-nickel electroplating job shop. Wastewaters generated include spent concentrated solutions, dragouts, floor spills of acids/alkalis, hexavalent chromium plating solutions and rinses. These wastewaters are collected and treated at the facility prior to being discharged into the Mattabassett District Water Pollution Control Facility via the City of New Britain collection system.

PROCESS AND TREATMENT DESCRIPTION (by DSN)

DSN -001- Equalization, Neutralization, Microfiltration and Sludge Dewatering

DSN 001-A - Hexavalent Chromium Reduction

RESOURCES USED TO DRAFT PERMIT

- Federal Effluent Limitation Guideline 40 CFR 413 Electroplating
name of category
- Performance Standards
- Federal Development Document 40 CFR 433 Metal Finishing
name of category
- Treatability Manual
- Department File Information
- Connecticut Water Quality Standards
- Anti-degradation Policy
- Coastal Management Consistency Review Form (See Other Comments)
- Other - Explain

BASIS FOR LIMITATIONS, STANDARDS OR CONDITIONS

Pretreatment Standards for Existing Sources (40 CFR 413PSES)

DSN 001 – Organics (Total Toxic) and Total Metals

Case-by-Case Determination using Best Professional Judgment (See Comments)

DSN 001 - pH

Section 22a-430-4(s) of the Regulations of Connecticut State Agencies

DSN 001 – Cadmium (existing), Chromium (Total), Copper, Cyanide (Total), Nickel, Lead, and Zinc

DSN 001-A - Chromium (Hexavalent)

COMMENTS

Though the previous permit authorized this discharge under the Metal Finishing Subcategory 40 CFR 433, it was determined during the reissuance process that the discharge is in fact regulated under 40 CFR 413, the Electroplating Point Source Category. Staff reached this conclusion after it was discovered that the discharge was initiated in the late 60's and not 1991 as stated in the renewal application. Because the discharge began prior to 1983 and the Permittee does not own the parts it plates, the facility is an "existing job shop" as defined by 40 CFR 433.11 and exempt from 40 CFR 433 (40 CFR 433.10(c)(2)).

In developing the permit's concentration limits, EPA Electroplating Point Source Categorical Limits (40 CFR 413) and Section 22a-430-4(s)(2) of the Regulations of Connecticut State Agencies limits were compared. The Connecticut limits were found to be more stringent and thus incorporated in the permit, except for TTOs.

Even though the Permittee does not contribute cadmium, copper, total toxic organics, and lead to the discharge, they are regulated parameters in 40 CFR 413. EPA has stated that all regulated pollutants must be limited in the permit with a monitoring frequency of no less than semi-annual. Therefore the permit requires the Permittee to monitor for these parameters every June and December.

Also, since the discharge was re-categorized as 40 CFR 413 and the Permittee does not use it on-site, the limits and semi-annual monitoring for silver was eliminated.

pH limitations were determined using Best Professional Judgment, are consistent with those given in the previous permit, and are protective of the sanitary sewer systems.

A review of the Applicant's compliance history showed them to be in compliance with their existing discharge permit. The Applicant has not been issued an NOV since 2009.

Boiler blowdown wastewaters are recycled back into the process operations.



State of Connecticut Department of Energy and Environmental Protection
SIMS - Permitting & Enforcement

Assignment List **Environmental Interest** Reports Administration
[detail](#) | [clients](#) | [sites](#) | [fees](#) | [workflow](#) | [history](#) | [environmental interests](#)

Application

Environmental Interest: SEWR - Sewer Discharge (201200773)

Print

Client(s): PAPE ELECTROPLATING COMPANY, INC. (Applicant)

Site(s): PAPE ELECTROPLATING CO., INC. (NEW BRITAIN , CT)

Status: Tentative Determination

Disposition Date:

Workflow: Single

Application Description:



Add Document

Receivables



Client: 994132 - PAPE ELECTROPLATING COMPANY, INC.

Revenue ID: 702 - Water Pollution Control Permit, Sewer-POTW

Receivable Type: Charge

Status: Closed

Invoice #: DEP190604

Invoice Date: 2/21/2012

Due Date: 2/21/2012

Outstanding Balance: \$0.00



Client: 994132 - PAPE ELECTROPLATING COMPANY, INC.

Revenue ID: 548 - Water Pollution Control Permit, Sewer-POTW - Schedule A

Receivable Type: Charge

Status: Closed

Invoice #: DEP210863

Invoice Date: 7/26/2012

Due Date: 8/25/2012

Outstanding Balance: \$0.00

Memorized Receivables

No records returned

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Edwards, Steve

From: David.Holmes@ct.gov
Sent: Friday, August 24, 2012 9:30 PM
To: Holmes, David; Edwards, Steve
Subject: SIMS Fee Payment Tickler

A payment has been applied to your Application or Enforcement Action. Please use this link to verify the payment amount by drilling to the Invoice # and Receipts To Date.

EI Class	EI Desc	EI Num	Status	Days Recd	SIMS URL
Application	Sewer Discharge	201200773	Tentative Determination	185	http://depwebs100/pe/ApApplicationPermit.aspx?ID=2118570&T

Business Inquiry HOME  HELP**Business Inquiry Details**

Business Name: **PAPE ELECTROPLATING COMPANY, INC.** Business Id: **0174260**

Business Address: **410 JOHN DOWNEY DRIVE, NEW BRITAIN, CT, 06051** Mailing Address: **410 JOHN DOWNEY DRIVE, NEW BRITAIN, CT, 06051**

Citizenship/State Inc: **Domestic/CT** Last Report Year: **2011**

Business Type: **Stock** Business Status: **Active**

Date Inc/Register: **Sep 18, 1985**

Principals

Name/Title:	Business Address:	Residence Address:
ROGER OETMAN PRESIDENT	410 JOHN DOWNEY DRIVE, NEW BRITAIN, CT, 06051	45 FAIRVIEW HILL, LANCASTER, MA, 01523
MAREK SZYCHOWSKI VICE PRESIDENT	410 JOHN DOWNEY DRIVE, NEW BRITAIN, CT, 06051	992 MIDDLETOWN ROAD, COLCHESTER, CT, 06415

Business SummaryAgent Name: **PAUL A. HUDON ESQ.**Agent Business Address: **14 BRACE ROAD, WEST HARTFORD, CT, 06107**Agent Residence Address: **286 AUBURN ROAD, WEST HARTFORD, CT, 06119**[| View Filing History |](#) [| View Name History |](#) [| View Shares |](#) Back



State of Connecticut Department of Energy and Environmental Protection
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Assignment List Environmental Interest Reports Administration
 detail | clients | sites | **fees** | workflow | history | environmental interests

Application	
Environmental Interest: SEWR - Sewer Discharge (201200773)	<input type="button" value="Find"/>
Client(s): PAPE ELECTROPLATING COMPANY, INC. (Applicant)	
Site(s): PAPE ELECTROPLATING CO., INC. (NEW BRITAIN , CT)	
Status: Final Decision	Disposition Date:
Workflow: Single	
Application Description: electroplating ww to sewer	
	<input type="button" value="Add Document"/>
Receivables	
Client: 994132 - PAPE ELECTROPLATING COMPANY, INC.	
Revenue ID: 702 - Water Pollution Control Permit, Sewer-POTW	Invoice #: DEP190604
Receivable Type: Charge	Invoice Date: 2/21/2012
Status: Closed	Due Date: 2/21/2012
	Outstanding Balance: \$0.00
Client: 994132 - PAPE ELECTROPLATING COMPANY, INC.	
Revenue ID: 548 - Water Pollution Control Permit, Sewer-POTW - Schedule A	Invoice #: DEP210863
Receivable Type: Charge	Invoice Date: 7/26/2012
Status: Closed	Due Date: 8/25/2012
	Outstanding Balance: \$0.00
Client: 994132 - PAPE ELECTROPLATING COMPANY, INC.	
Revenue ID: 611 - Publication Fee	Invoice #: DEP221811
Receivable Type: Charge	Invoice Date: 6/27/2013
Status: Closed	Due Date: 7/28/2013
	Outstanding Balance: \$0.00
Memorized Receivables	

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