

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:

Lacey Manufacturing Company LLC
1146 Barnum Avenue
Bridgeport, CT 06610

Location Address:

1146 Barnum Avenue
Bridgeport, CT

Application No.: 201700566

Permit No.: CTCIU0026

Permit Expiration Date: March 21, 2018

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 Lacey Manufacturing Company LLC, 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 22, 2013 (the “CIU GP”). This Approval of Registration is based on Application No. 201700566, received on January 12, 2017, and the administrative record established in the processing of such application.

Lacey Manufacturing Company LLC (“*Permittee*”) is hereby authorized to discharge up to 4,250 gallons per day of treated metal finishing wastewaters into the City of Bridgeport East Side Publicly Owned Treatment Works (“POTW”) 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”).

"*Annually*", in the context of a sampling frequency, means the sample must be collected in the month of June.

"*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".

"Quarterly", in the context of a sampling frequency, means samples must be collected in the months of March, June, September and December.

"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.

"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.

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

"S.U." means Standard Units.

"Twice per Month", in the context of sample frequency, means two samples per calendar month collected no less than twelve (12) days apart.

"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: Aqueous cleaning of parts wastewater

Monitoring Location Description: Sample valve in the discharge line

Discharge is to: City of Bridgeport East Side POTW

| 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 | ---- | ---- | Monthly | Composite ⁴ | ---- | NR | Grab |
| Antimony, total | mg/l | ---- | ---- | Monthly | Composite ⁴ | ---- | NR | Grab |
| Barium, total | mg/l | 2.0 | 4.0 | Monthly | Composite ⁴ | 6.0 | NR | Grab |
| Cadmium, total | mg/l | 0.07 | 0.11 | Monthly | Composite ⁴ | 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 | Composite ⁴ | 3.0 | NR | Grab |
| Cobalt, total | mg/l | ---- | ---- | Monthly | Composite ⁴ | ---- | NR | Grab |
| Copper, total | mg/l | 1.0 | 2.0 | Monthly | Composite ⁴ | 3.0 | 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, maximum daily ¹ | gpd | NA | 50 | Daily | Daily Flow | NA | NR | NA |
| Flow, day of sampling | gpd | NA | 50 | Monthly | Daily Flow | NA | NR | NA |
| Fluoride | mg/l | 20 | 30 | Monthly | Composite ⁴ | 45 | NR | Grab |
| Gold, total | mg/l | 0.1 | 0.5 | Monthly | Composite ⁴ | 0.75 | NR | Grab |
| Iron, total | mg/l | ---- | ---- | Monthly | Composite ⁴ | ---- | NR | Grab |
| Lead, total | mg/l | 0.1 | 0.5 | Monthly | Composite ⁴ | 0.75 | NR | Grab |
| Mercury, total | µg/l | 0.2 | 0.2 | Monthly | Composite ⁴ | 0.2 | NR | Grab |
| Nickel, total | mg/l | 1.0 | 2.0 | Monthly | Composite ⁴ | 3.0 | NR | Grab |
| Nitrogen, total | mg/l | ---- | ---- | Monthly | Composite ⁴ | ---- | NR | Grab |
| Oil petroleum, total recoverable ³ | 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 | Composite ⁴ | ---- | NR | Grab |
| pH, day of sampling | S.U. | NA | NA | NR | NA | 5.5 – 11.0 | Monthly | Grab |
| pH, minimum | S.U. | NA | NA | NR | NA | 5.5 | NR | Grab |
| pH, maximum | S.U. | NA | NA | NR | NA | 11.0 | NR | Grab |
| Silver, total | mg/l | 0.1 | 0.43 | Monthly | Composite ⁴ | 0.64 | NR | Grab |
| Solids, total suspended | mg/l | ---- | 100 | Monthly | Composite ⁴ | 150 | NR | Grab |
| Titanium, total | mg/l | ---- | ---- | Monthly | Composite ⁴ | ---- | NR | Grab |
| Tin, total | mg/l | 2.0 | 4.0 | Monthly | Composite ⁴ | 6.0 | NR | Grab |
| Zinc, total | mg/l | 1.0 | 2.0 | Monthly | Composite ⁴ | 3.0 | NR | Grab |

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 sampling 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'.

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

⁴ A minimum of three (3) grab samples of equal volume shall be collected and combined to form the composite sample. Grab samples shall be taken during the first 10% of the discharge, the middle 10% of the discharge and the final 10% of the discharge.

Table B

Discharge Serial Number: 202-1

Monitoring Location: 1

Wastewater Description: Tumbling and cleaning of parts, passivation, acid cleaning, clip bluing processes pretreated wastewaters

Monitoring Location Description: Sample port in the discharge line after the flow meter

Discharge is to: City of Bridgeport East Side POTW

| 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 | ---- | ---- | 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 | 1.0 | 2.0 | Monthly | Daily Composite | 3.0 | 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, maximum daily ¹ | gpd | NA | 4,200 | Daily | Daily Flow | NA | NR | NA |
| Flow, day of sampling | gpd | NA | 4,200 | 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 | 0.2 | 0.2 | Monthly | Daily Composite | 0.2 | NR | Grab |
| Nickel, total | mg/l | 1.0 | 2.0 | Monthly | Daily Composite | 3.0 | NR | Grab |
| Nitrogen, total | mg/l | ---- | ----- | Monthly | Daily Composite | ---- | NR | Grab |
| Oil petroleum, total recoverable ³ | 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 | 1.0 | 2.0 | Monthly | Daily Composite | 3.0 | NR | Grab |

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 sampling 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'.

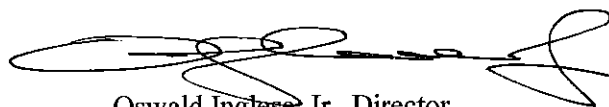
³ Previously, total recoverable oil petroleum was generally referred to as oil & grease, hydrocarbon fraction.

- (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 Bridgeport East Side POTW.
- (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 the Approval of Registration is attached to each DMR, sampling for TTO will not be required.
- (G) **Monitoring Waiver.** In order for the Permittee to qualify for a monitoring waiver of certain parameters in accordance with Section 5(b)(1) of the CIU GP, the Permittee shall obtain the analytical results for such parameters, and complete and submit Attachment K of the CIU GP registration form entitled, "Monitoring Waiver Request Form". The Permittee is not authorized to forego monitoring of such parameters until the Permittee has received written Approval of Monitoring Waiver from the Commissioner. If such written approval has been granted, and a completed Waiver of Monitoring Certification form is attached to each DMR, monitoring for the parameters listed in Table W attached to the Approval of Monitoring Waiver will not be required.

SPECIAL CONDITIONS IN ACCORDANCE WITH SECTION 4(g)(4) OF THE CIU GP:

- (H) The Permittee shall provide updated analytical data for DSN 201-1 before a discharge can continue through this outfall. Analytical data must be submitted to the Water Permitting and Enforcement Division of the Connecticut Department of Energy and Environmental Protection. The analytical data shall be provided on a copy of Attachment F: Discharge Information of the CIU GP registration form. The Permittee shall not discharge through DSN 201-1 until formal approval is issued.

This Approval of Registration is hereby issued on *February 15, 2017*



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

RRR

CC: City of Bridgeport East Side POTW