

## DISCHARGE NOTIFICATION FORM TO POTW AUTHORITY for the

### General Permit for Discharges from Miscellaneous Industrial Users (MIU GP)

#### 1. Facility Information:

a. Facility Name:

Address:

City/Town:

State:

b. Contact Person Name:

Email Address:

Phone Number:

Mailing Address:

City/Town:

State:

c. Owner of parcel (as listed in Tax Assessor's office):

Email Address:

Phone Number:

Owner Mailing Address:

City/Town:

State:

#### 2. Name of Receiving POTW (NPDES Permit Holder):

#### 3. This form is being submitted to (check all that apply):

- Provide notice of Group I Process Wastewater Discharges with cum. max flow  $\geq$  1000 gpd and  $<$  25,000 gpd
- Provide notice of Group II Non-process Wastewater Discharges with cumulative max daily flow  $\geq$  5,000 gpd
- Provide notice of any Vehicle Maintenance Wastewater discharges
- Modify or correct previously provided information (for example, change in flow, chemistry, or ownership)
- Provide notice that a wastewater will be transported by a vehicle to a POTW
- Request a variance to meet applicable POTW Authority's limits or effluent limits of Section 5(a) of the MIU GP

#### 4. a. Was the Discharge(s) previously authorized by a permit issued by CTDEEP:

- No       Yes. Permit No. \_\_\_\_\_ (attach copy of authorization/registration certificate)  
If "yes", have any changes to the discharge type/chemistry/volume occurred (explain):

b. Date discharge began or will begin: \_\_\_\_\_

#### 5. If any of the following conditions exist, (check all that apply), skip 6 & 7 below and complete 8 below and Attachment A:

- The discharge is Vehicle Maintenance Wastewater
- For Process Wastewater Only, the cumulative max daily flow  $\geq$  1000 gpd and  $<$  25,000 gpd AND any of the following apply:
  - Discharge has or could have BOD or TSS in excess of 600 mg/L
  - Is transported by vehicle to the receiving POTW
  - Has an increase in flow or change in chemistry since the most recent registration/notification
  - Requires a variance under Section 7(a) of the MIU GP to meet the applicable POTW Authority's limits or effluent limits of Section 5(a) of the MIU GP - Requires completion of Attachment D and prior written approval of POTW Authority.
  - Requires treatment prior to discharge to meet the applicable POTW Authority's limits or effluent limits of Section 5(a) of the MIU GP.

**6. This Discharge is for (check all that apply):**

**a. Up to 25,000 gallons per day (cumulative maximum daily flow) of Group I Process Wastewater from: (indicate maximum daily flow for each)**

- |  |  |
|--|--|
| <input type="checkbox"/> Commercial laundry _____ gpd        | <input type="checkbox"/> Non-destruct testing _____ gpd      |
| <input type="checkbox"/> Contact cooling/heating _____ gpd   | <input type="checkbox"/> Printing/photo processing _____ gpd |
| <input type="checkbox"/> Cutting/grinding _____ gpd          | <input type="checkbox"/> Reverse osmosis reject _____ gpd    |
| <input type="checkbox"/> Food processing _____ gpd           | <input type="checkbox"/> Tumbling/cleaning _____ gpd         |
| <input type="checkbox"/> Brewing/distilling _____ gpd        | <input type="checkbox"/> Water treatment _____ gpd           |
| <input type="checkbox"/> Other (describe): _____ / _____ gpd |  |

Total Flow from all Group I Process Wastewater Discharges: \_\_\_\_\_ gpd

**b. Discharges of Group II Non-Process Wastewater from: (indicate max daily flow for each)**

- |   |  |
|---|--|
| <input type="checkbox"/> Air comp. condensate/blowdown _____ gpd  | <input type="checkbox"/> Hydrostatic pressure testing _____ gpd        |
| <input type="checkbox"/> Boiler blowdown _____ gpd  | <input type="checkbox"/> Non-contact cooling _____ gpd                 |
| <input type="checkbox"/> Building maintenance _____ gpd   | <input type="checkbox"/> Potable water system maint/sampling _____ gpd |
| <input type="checkbox"/> Fire suppression system testing _____ gpd  | <input type="checkbox"/> Swimming pool _____ gpd                       |
| <input type="checkbox"/> Other, including wastewater transported by vehicle (describe): _____ / _____ gpd |  |

Total Flow from all Group II Non- Process Wastewater Discharges: \_\_\_\_\_ gpd

**7. Discharge duration:**

- Continuous (hrs/day) \_\_\_\_\_  Intermittent; Frequency of discharge: \_\_\_\_\_

More detail (e.g., day(s) of week, time(s) of day): \_\_\_\_\_

**8. Each of the following POTW Authorities have been provided copies of this notification form in addition to the receiving POTW: \_\_\_\_\_**

**Attachments**

- Attachment A—**Detailed Discharge Information**—if required by question 5, above.
- Attachment B—**Qualified Professional Certification for Treatment**—see Section 4(c)(3)(B) of the MIU GP
- Attachment C—**Discharge Analysis** For existing discharges of **Group I Process** and **Group II Other non-process wastewater only**, one screening analysis from the testing of a sample taken within 90 days of notification for pollutants specified by Section 5(b)(1) of the MIU GP, shall be submitted with the notification form.
- Attachment D—**Request for Variance**—**Prior approval required by POTW Authority.**
- Attachment E—**Additional Information**—if required by POTW Authority.

**9. Industrial User Certification**— I hereby certify that I am making this certification in connection with a notification under the General Permit for Discharges from Miscellaneous Industrial Users, submitted to each applicable POTW Authority for an activity eligible for authorization under such permit. I certify that the notification submitted pursuant to such general permit is on complete and accurate forms as prescribed by the Commissioner without alteration of their text. I certify that I have personally examined and am familiar with the information that provides the basis for this certification, including but not limited to all information described in Section 3(b)(14)(A) of such general permit, and I certify, based on reasonable investigation, including my inquiry of those individuals responsible for obtaining such information, that the information upon which this certification is based is true, accurate and complete to the best of my knowledge and belief. I further certify that I have made the affirmative determination required in accordance with Section 3(b)(14)(B) of such general permit and that my signing this certification constitutes conclusive evidence of my having made such affirmative determination. I also understand that knowingly making any false statement in the submitted information and in this certification may be punishable as a criminal offense, including the possibility of fine and imprisonment, under section 53a-157b of the Connecticut General Statutes and any other applicable law.

\_\_\_\_\_  
Signature of Industrial User

\_\_\_\_\_  
Printed Name and Title of Industrial User

\_\_\_\_\_  
Date

# General Permit for Discharges from Miscellaneous Industrial Users (MIU GP)

## ATTACHMENT A to Notification Form (Detailed Discharge Information)

Industrial Users who checked a box for question 5 in the Notification Form must complete this form. Please use the instructions while completing this form.

**Part I. 1. Facility Name (from page 1 of Notification Form):** \_\_\_\_\_

**2. Engineer(s) or other consultant(s) employed or retained to assist in preparing the notification or in designing or constructing the activity.**

Name:

Mailing Address:

City/Town:

State:

Zip Code:

Business Phone:

ext.:

Contact Person:

Phone:

ext.

E-mail:

Service Provided:

**Notes:**

## Part II. Individual Discharge Information

The below information must be provided for each category or categories of discharge that will discharge to the sanitary sewer. See instructions for further guidance.

1. Discharge ID Number: \_\_\_\_\_
2. Discharge Location: \_\_\_\_\_
3. Monitoring Location: \_\_\_\_\_
4. Miscellaneous Discharge Category(ies), Flow Info, Treatment and Duration (complete for all categories):

a. Group I (Process Wastewater) Discharges	b. Max Daily Flow (gpd)	c. Check box if treatment required	d. Is discharge continuous (hrs/day), intermittent (vol/batch) or transported (vol)
<input type="checkbox"/> Commercial laundry		<input type="checkbox"/>	
<input type="checkbox"/> Contact cooling/heating		<input type="checkbox"/>	
<input type="checkbox"/> Cutting/grinding		<input type="checkbox"/>	
<input type="checkbox"/> Food processing		<input type="checkbox"/>	
<input type="checkbox"/> Brewing/distilling (This is a subgroup of Food processing.)		<input type="checkbox"/>	
<input type="checkbox"/> Non-destruct testing		<input type="checkbox"/>	
<input type="checkbox"/> Printing/photo processing		<input type="checkbox"/>	
<input type="checkbox"/> Reverse osmosis reject		<input type="checkbox"/>	
<input type="checkbox"/> Tumbling/cleaning		<input type="checkbox"/>	
<input type="checkbox"/> Water treatment		<input type="checkbox"/>	
<input type="checkbox"/> Other (specify in 8, below):		<input type="checkbox"/>	
<b>e. Cumulative Max Daily Flow of Process WW Discharges</b>			
<b>f. Group II (Non-process Wastewater) Discharges</b>			
<input type="checkbox"/> Air comp. condensate/blowdown		<input type="checkbox"/>	
<input type="checkbox"/> Boiler blowdown		<input type="checkbox"/>	
<input type="checkbox"/> Building maintenance		<input type="checkbox"/>	
<input type="checkbox"/> Fire suppression system testing		<input type="checkbox"/>	
<input type="checkbox"/> Hydrostatic pressure testing		<input type="checkbox"/>	
<input type="checkbox"/> Non-contact cooling		<input type="checkbox"/>	
<input type="checkbox"/> Potable water system maint/sampling		<input type="checkbox"/>	
<input type="checkbox"/> Swimming pool (public pool >5,000 gpd)		<input type="checkbox"/>	
<input type="checkbox"/> Vehicle maintenance		<input type="checkbox"/>	
<input type="checkbox"/> Other (specify in 7, below):		<input type="checkbox"/>	
<b>g. Cumulative Max Daily Flow of Non-process WW Discharges</b>			
<b>h Total Maximum Daily Flow (e. + g.)</b>			

5. For intermittent (batch) or seasonal discharges from the table above, indicate the duration, frequency and time of day of the discharge (both maximum and average flows) and any other characteristics of the discharge that will help describe its flow pattern.

6. Method of Flow Measurement:

7. A detailed description of the processes or activities generating each of the discharge(s) from the table above. When different processes or activities produce different discharges, please be specific about each.

8. A description of any wastewater treatment processes, including, but not limited to, neutralization, oil/water separation, silver recovery and precipitation of solids or metals, etc. which the discharger utilizes or will utilize to achieve compliance with any of the local ordinances or effluent limits or conditions specified in Section 5(a) of the MIU general permit.

9. A list of the substances used or added to the wastewater shall be provided, including but not limited to those substances for which effluent limits are specified in Section 5(a) of the MIU general permit and those substances listed in Appendix B Table II, III and V or Appendix D of section 22a-430-4 of the Regulations of Connecticut State Agencies (attached as Appendix F to the MIU GP). Any such substances shall be identified by their generic chemical names and Chemical Abstract System (CAS) number. Safety Data Sheets must be provided for any such substances as requested by the POTW Authority.

# **General Permit for Discharges from Miscellaneous Industrial Users (MIU GP)**

## **ATTACHMENT B to Notification Form (Qualified Professional Certification)**

For any flow of vehicle maintenance wastewater (excluding discharges previously permitted by DEEP, discharges from small volume autobody repair facilities, or discharges from small volume vehicle detailing facilities), or cumulative process wastewater discharges with a maximum daily flow equal to or greater than 1,000 gallons per day but less than 25,000 gpd, the following certification must be signed by a Qualified Professional Engineer (QPE) or Qualified Certified Hazardous Materials Manager (QCHMM) if wastewater requires treatment (see Section 4(c)(3)(B) of the MIU Wastewater General Permit) to meet effluent limitations. A notification will be considered incomplete if the certification is required but not attached.

DRAFT

"I hereby certify that I am a Qualified Professional Engineer or a Qualified Certified Hazardous Materials Manager as defined in the General Permit for Discharges from Miscellaneous Industrial Users (MIU GP). I am making this certification in connection with a notification under such general permit, submitted to each applicable POTW Authority by

Insert Name of Industrial User for an activity located at Insert Site Activity Address.

I have personally examined and am familiar with the information that provides the basis for this certification, including, but not limited to, all information described in Section 3(b)(15)(C) of such general permit and I certify, based on reasonable investigation, including my inquiry of those individuals responsible for obtaining such information, that the information upon which this certification is based is true, accurate and complete to the best of my knowledge and belief. I further certify that I have made the affirmative determination required in accordance with Section 3(b)(15)(D)(i) or (ii) of this general permit and that my signing this certification constitutes conclusive evidence of my having made such affirmative determination. If the discharge is vehicle maintenance wastewater and a treatment system is required, I certify that I have inspected the treatment system and such treatment system complies with Appendix H(12)(A) of the MIU GP. I understand that this certification may be subject to an audit by the Commissioner in accordance with section 22a-430b of the Connecticut General Statutes, and I agree to cooperate with the Commissioner should such an audit be required, including, but not limited to providing information as may be requested in writing by the Commissioner in connection with any such audit. I also understand that knowingly making any false statement in this certification may be punishable as a criminal offense, including the possibility of fine and imprisonment, under section 53a-157b of the Connecticut General Statutes and any other applicable law.

Signature of Qualified Professional

Date  
P.E. or C.H.M.M. Number (if applicable)

Affix P.E. or C.H.M.M. Stamp Here  
(if applicable)

Printed Name of Qualified Professional

# General Permit for Discharges from Miscellaneous Industrial Users (MIU GP)

## ATTACHMENT C to Notification Form

### Discharge Analysis

**An Industrial User discharging wastewater under the authority of the MIU GP must first follow the local ordinances and regulations of the applicable POTW Authority. If a pollutant limit has not been established by the applicable POTW Authority(s), the limit for such pollutant identified in Table 5-1 of the MIU GP shall apply.**

Facility Name (from page 1 of Notification Form):

Address:

Screening results shall be recorded on this form as required pursuant to Section 4(c)(3)(C) of the MIU GP and attached to the Notification Form being submitted to each applicable POTW Authority.

See Table 5-2 of the MIU GP (provided on page 3 of this form) for discharge analysis requirements per category of Miscellaneous wastewater. In addition, each permittee must monitor: 1) for any parameters specified in Section 5(a)(1) of the MIU GP that are known or suspected present in the discharge and 2) as directed by the POTW. Parameters not required shall be marked "NA". Copies of analytical laboratory results must be attached.

Date Sampled:		Discharge ID Number:	
Parameter	Result (specify unit of measurement)	POTW Authority Limit (specify below)	MIU GP Permit Limits specified in Section 5(a)
Flow, day of sample		As approved by the POTW Authority	25,000 gpd Process Wastewater
pH			Between 5.0 and 12.0
BOD5			600 mg/l or 100 lbs/day or 2% of the POTW design load
Total Suspended Solids			600 mg/l or 100 lbs/day or 2% of the POTW design load
Ammonia-Nitrogen			50.0 mg/l or 10 pounds per day
Nitrate-Nitrogen			50.0 mg/l or 10 pounds per day
Total Phosphorus <sup>1</sup>			---
Oil & grease, Total Petroleum Hydrocarbons			100 mg/l
Oil & grease, total (Food Processing only)			100 mg/l
Volatile Organic Compounds, total			5.0 mg/l
Methylene Chloride			1.0 mg/l
Formaldehyde			10.0 mg/l or 10 pounds per day
Phenols, total			10.0 mg/l
Phthalate esters			2.0 mg/l
Polynuclear Aromatic Hydrocarbons			0.5 mg/l
Ethylene Glycol			300 mg/l or 10 pounds per day
Propylene Glycol			300 mg/l or 10 pounds per day



Date Sampled:		Discharge ID Number:	
Parameter	Result (specify unit of measurement)	POTW Authority Limit (specify below)	MIU GP Permit Limits specified in Section 5(a)
Cadmium, total			0.5 mg/l
Chromium, total			2.0 mg/l
Copper, total			2.0 mg/l
Lead, total			0.5 mg/l
Nickel, total			2.0 mg/l
Silver, Total			0.5 mg/l (for photo processing-- see Table 5-1 of MIU general permit)
Tin, Total			4.0 mg/l
Zinc, total			2.0 mg/l
Antimony, total			4.0 mg/l
Aluminum, total <sup>2</sup>			---
Arsenic, total			0.10 mg/l
Beryllium			2.0 mg/l
Cobalt, Total			4.0 mg/l
Molybdenum, Total			4.0 mg/l
Selenium, Total			0.5 mg/l
Strontium, Total			2.0 mg/l
Thallium, Total			2.0 mg/l
Titanium, Total			4.0 mg/l
Vanadium, Total			2.0 mg/l
Zirconium, Total			2.0 mg/l
Temperature (Non-contact cooling water only)			Refer to general permit

<sup>1</sup> Phosphorus monitoring shall be required only for discharges being received by a POTW listed in Appendix D2 of the Miscellaneous GP (excluding commercial laundries which must always monitor for phosphorus).

<sup>2</sup> Aluminum monitoring shall be required only for wastewater associated with alum treatment.

"I certify that I have personally examined and am familiar with the information submitted in this document and all attachments thereto, and I certify that, based on reasonable investigation, including my inquiry of those individuals responsible for obtaining the information, the submitted information is true, accurate and complete to the best of my knowledge and belief. I understand that a false statement made in the submitted information may be punishable as a criminal offense, in accordance with Section 22a-6 of the General Statutes, pursuant to Section 53a-157b of the General Statutes, and in accordance with any other applicable statute. I also certify that this form is complete and accurate as prescribed by the commissioner without alteration of the text."

\_\_\_\_\_  
Signature of Person Completing Form

\_\_\_\_\_  
Date

\_\_\_\_\_  
Name of Person Completing Form (print or type)

\_\_\_\_\_  
Title (if applicable)

**Table 5-2 from Miscellaneous GP.** Screen discharges according to this table, any parameter requested by the local POTW Authority, and any parameter specified in Section 5(a)(1) of the Miscellaneous GP that may be known or suspected present in the discharge.

Discharge Category	Contact Cooling & Heating Water	Cutting & Grinding	Non-Destruct Testing Rinsewater	Printing (Photo-Processing <sup>1</sup> )	Tumbling & Cleaning	Water Treatment	Commercial Laundry	Food Processing	Reverse Osmosis Reject Water	Other process & nonprocess wastewater
Temperature	X								X	
pH	X	X	X	X	X	X	X	X	X	X
BOD <sub>5</sub>							X	X		
Total Suspended Solids	X	X	X		X	X	X	X		X
Nitrate-Nitrogen				X	X		X			
Ammonia-Nitrogen				X			X			
Phosphorus <sup>(3)</sup> , total	X	X	X	X	X	X	X	X	X	X
Oil & grease, TPH	X	X	X		X		X			X
Oil & grease, total								X		
Volatile Organic Compounds, total				X						
Aluminum						X <sup>2</sup>				
Arsenic						X <sup>2</sup>				
Cadmium, total				X						
Chromium, total		X			X					
Copper, total	X	X	X	X	X	X				X
Lead, total	X	X	X	X	X	X				X
Nickel, total		X		X	X					
Silver, total				X						
Zinc, total	X	X	X		X	X	X			X

<sup>1</sup> Required monitoring for a photoprocessing discharge is silver and pH only. Refer to specific instructions at Section 5(b)(5)(B) of the Miscellaneous GP.

<sup>2</sup> Aluminum and arsenic monitoring shall be required only for wastewater associated with alum treatment.

<sup>3</sup> Phosphorus monitoring shall be required only for discharges being received by a POTW listed in Appendix D2 of the Miscellaneous GP (excluding commercial laundries which must always monitor for phosphorus).

# General Permit for Discharges from Miscellaneous Industrial Users (MIU GP)

## ATTACHMENT D to Notification Form Request for Variance

Before completing this form, contact each applicable POTW Authority that will convey or treat the wastewater to verify whether the variance in question is eligible for review and approval in accordance with Section 7(a) of the MIU GP. A copy of the written approval from the POTW Authority shall be included with this attachment.

**Note: The POTW Authority shall not grant a variance from any requirement of this general permit which will result in any violation of the general prohibitions as specified in subsection 5(a)(2) of this general permit.**

### Part I: Facility Information

1. a. Facility Name (from page 1 of Notification Form):

b. Name of Receiving POTW:

### Part II: Description of Variance

1. List the effluent limit for which the variance is sought (if applicable, list the subject pollutant and its POTW Authority limit or the effluent limit listed in the MIU GP).

2. Description of variance:

3. Describe efforts made to comply with the limit for which the variance is sought.

4. Describe and submit with this form, documentation that the variance sought is negligible and that granting of the variance will not result in any violation of the MIU GP. (If applicable, attach lab analyses which describe concentration of the subject pollutants for which the variance is sought.)

### Part III: Certification

"I have personally examined and am familiar with the information submitted in this document and all attachments thereto, and I certify that, based on reasonable investigation, including my inquiry of those individuals responsible for obtaining the information, the submitted information is true, accurate and complete to the best of my knowledge and belief. I understand that a false statement made in the submitted information may be punishable as a criminal offense, in accordance with section 22a-6 of the General Statutes, pursuant to section 53a-157b of the General Statutes, and in accordance with any other applicable statute."

\_\_\_\_\_  
Signature of Industrial User

\_\_\_\_\_  
Date

\_\_\_\_\_  
Printed Name of Industrial User

\_\_\_\_\_  
Title

Note: Please attach this Request for Variance to the Notification Form being submitted to each applicable POTW Authority.