

Miscellaneous Industrial Users General Permit

MIU GP

December 2020



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Presentation Overview



- Who is a Miscellaneous Industrial User (MIU)?
- Who is NOT a MIU?
- Group I versus Group II Wastewater Discharges
- Old and New General Permits
- Discharge Notification Form
- Attachments
- Site Visits / Field Inspections
- Questions & Answers

What is Miscellaneous Industrial User (MIU) Wastewater?

Group I: Process Wastewater *



- Commercial Laundry Wastewater
- Contact Cooling and Heating Wastewater
- Cutting and Grinder Wastewater
- Food Processing Wastewater (including breweries, distilleries)
- Non-destruct testing rinse water
- Printing and photographic processing wastewater
- Water treatment wastewater
- Reverse osmosis reject water
- Tumbling or cleaning of parts wastewater

*cumulatively less than 25,000 GPD

What is Miscellaneous Industrial User (MIU) Wastewater?

Group II: Non-Process Wastewater *



* All flows

- Air Compressor Condensate & Blowdown
- Boiler Blowdown
- Building Maintenance Wastewater
- Fire Suppression System Testing Wastewater
- Hydrostatic Pressure Testing Wastewater
- Non-Contact Cooling Water
- Potable Water System Maintenance or Sampling Wastewaters
- Swimming Pool Wastewater
- Vehicle Maintenance Wastewater

What is NOT Miscellaneous Industrial User Wastewater?



- Domestic Sewage
- Wastewater discharged under a NPDES or SPDES Permit
- Wastewater that is permitted by the CT DEEP with a Pre-Treatment Permit prior to discharging to sewer
- Wastewater discharged under the newly reissued Significant Industrial Users (SIUs) General Permit
- Wastewater that discharges directly to a waterbody
- Wastewater that is subject to Federal Categorical Pretreatment Standards
- Stormwater

Old vs. New General Permits

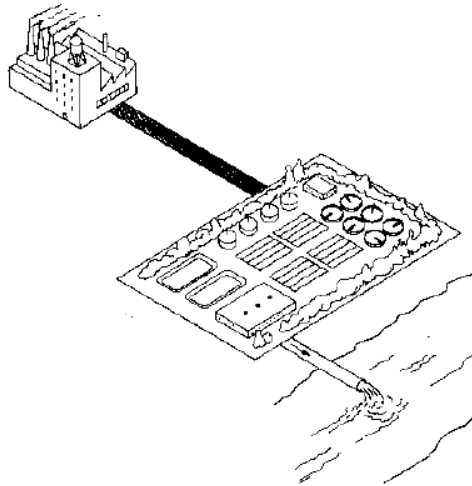


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Affirmative Action/Equal Opportunity Employer

General Permit for Miscellaneous Discharges of Sewer Compatible (MISC) Wastewater



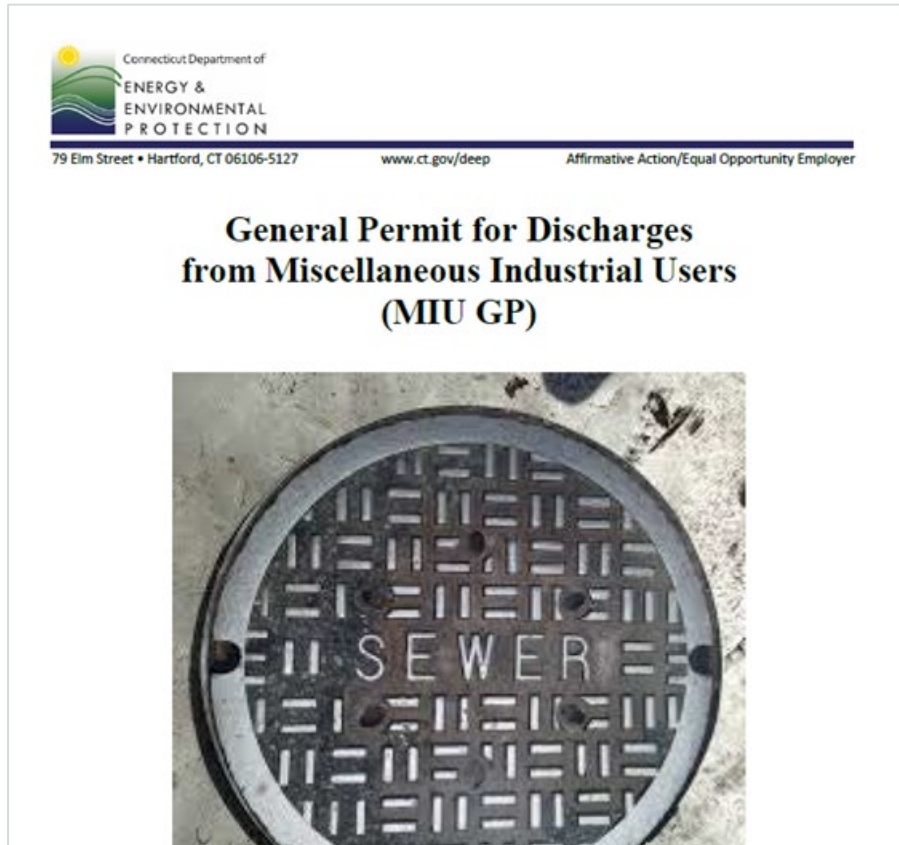
Vehicle Maintenance Wastewater

- **Eliminated**
- **Requirements folded into the new MIU GP**

General Permit for Miscellaneous Discharge of Sewer Compatible (MISC) Wastewater

- **Expired October 30th, 2020**
- **CT DEEP Authority**

Old vs. New General Permits



MIU GP *NEW*

- Expires October 30th, 2025
- POTW Authority
- Effective Date October 31st, 2020
- Link: [Discharge General Permit](#)

MIU GP – Effluent Limits* (Table 5-1)

Table 5-1 Effluent Limits ¹			
Pollutant	Maximum Instantaneous Concentration	Pollutant	Maximum Instantaneous Concentration
Conventional Pollutants		Metals	
	mg/l		mg/l
Biochemical Oxygen Demand (BOD ₅)	600.0 ²	Lead, Total	0.5
Chemical Oxygen Demand (COD)	1200.0		
Total Suspended Solids (TSS)	600.0 ²	Nickel, Total	2.0
Total Kjeldahl Nitrogen (TKN)	40.0 ³	Silver, Total	0.5 ⁵
Nitrate-nitrite (as N)	40.0 ³	Tin, Total	4.0
Total Fats, Oils and Grease ⁴	100.0	Zinc, Total	2.0
Organic Pollutants			
	mg/l		
Total Volatile Organics	5.0	Antimony, Total	4.0
Formaldehyde	10.0 ³	Arsenic, Total	0.10
Methylene Chloride	1.0	Beryllium, Total	2.0
Phenols, Total	10.0	Cobalt, Total	4.0
Phthalate Esters	2.0	Molybdenum, Total	4.0
Polynuclear Aromatic Hydrocarbons	0.5	Selenium, Total	0.5
Ethylene Glycol	300.0 ³	Strontium, Total	2.0
Propylene Glycol	300.0 ³	Thallium, Total	2.0
Metals			
	mg/l		
Cadmium, Total	0.5	Titanium, Total	4.0
Chromium, Total	2.0	Vanadium, Total	2.0
Copper, Total	2.0	Zirconium, Total	2.0
		pH value range can be found at Section 5(a)(2)(B)(ii) of this general permit.	

- *Montville WPCA Effluent Limits must also be met (whichever is more stringent)
- Link: [Rules Regulations September 2009](#)
- (page 25 of 52)

Notification Requirements

Miscellaneous Industrial Users (MIU) General Permit Notification Requirements

Discharge Group	Form Required	Submitted To	Due Date
<ul style="list-style-type: none"> *Group I Wastewater ≥ 1000 gpd and $< 25,000$ gpd *Group II wastewater ≥ 5000 gpd *Any flow of vehicle maintenance wastewater *Any transported wastewater *Any flow requiring a variance *Any flow that Montville WPCA/POTW requests notify 	<p>Discharge Notification Form Refer to Section 4(c) of MIU GP for contents</p> <p>Supplemental to Discharge Notification Form:</p>	<p>Local POTW Authority</p> <p>AND</p> <p>Any POTW Authorities where wastewater passed through via sewer system</p>	<p>New Discharges: Before discharge is initiated</p> <p>Existing Discharges: Within ninety (90) days of October 31, 2020. (This date is January 29, 2021.)</p>
<ul style="list-style-type: none"> *Any flow of Vehicle Maintenance Wastewater *Group I Wastewater ≥ 1000 gpd and $< 25,000$ gpd AND any of the following apply: <ul style="list-style-type: none"> Greater than 2% and less than 5% average organic or Hydraulic capacity of POTW Transported *Discharge has had increase in flow/ change in chemistry since last registration/ notification *Requires a variance *Requires treatment prior to discharge to meet limits in GP Table 5-2 or Montville WPCA limits, whichever is more stringent 	<p>Attachment A: Detailed Discharge Information</p>		
<ul style="list-style-type: none"> *Group I Wastewater ≥ 1000 gpd and $< 25,000$ gpd AND requires treatment prior to discharge to meet limits in GP Table 5-2/ POTW Authority limits *Any flow of Vehicle Maintenance Wastewater (excluding discharges previously permitted by DEEP) 	<p>Attachment B: Qualified Professional Certification for Treatment See Section 4(c)(3)(B) of the MIU GP Exceptions found in 4(c)(3)(B)(ii)</p>		
<ul style="list-style-type: none"> *All Group I wastewater submitting the Discharge Notification Form *All Group II wastewater in category "Other" (Refer to GP section 4(a)(1)) submitting the Discharge Notification Form 	<p>Attachment C: Discharge Analysis Results of one screening analysis from the testing of a sample taken within 90 days of notification OR most recent sampling event for pollutants specified in permit. (This is a ONE TIME reporting requirement.)</p>		
<ul style="list-style-type: none"> *Group I wastewater < 1000 gpd discharged directly to a sanitary sewer that does not require a variance *Group II wastewater < 5000 gpd discharged directly to a sanitary sewer that does not require a variance 	<p>Notification Form NOT necessary All dischargers of MIU wastewater must comply with the requirements of the MIU GP whether or not they need to submit a Notification Form</p>		

- Notes:**
- Values of gpd refer to cumulative maximum daily flow
 - For descriptions of Group 1 (Process) and Group 2 (Non-Process) wastewaters, see GP section 4(a)(1)
 - Refer to document "Instructions for the Discharge Notification Form to POTW Authority (Notification Form) for the General Permit for Discharges from Miscellaneous Industrial Users (MIU GP)" for more detailed information

Link: [MIU GP Summary Table](#)

Discharge Notification Form

Connecticut Department of
ENERGY &
ENVIRONMENTAL
PROTECTION

**DISCHARGE NOTIFICATION FORM TO POTW
AUTHORITY for the**
**General Permit for Discharges from Miscellaneous
Industrial Users (MIU GP)** (refer to the [instructions](#))

Reserved space for POTW/WPCA notes
and/or "received" stamp

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: _____

- Confirm IF you need to complete
- Determine what attachments must be included
- Submit by January 29th, 2021 (existing MIUs) to Montville WPCA
- Submit before discharges are initiated (new MIUs)
- [Discharge Notification MIU Form](#)
- [Discharge Notification Form Instructions](#)

Discharge Notification Form – What MIUs Must Submit?

Connecticut Department of
ENERGY &
ENVIRONMENTAL
PROTECTION

Reserved space for POTW/WPCA notes
and/or "received" stamp

**DISCHARGE NOTIFICATION FORM TO POTW
AUTHORITY for the**
**General Permit for Discharges from Miscellaneous
Industrial Users (MIU GP)** (refer to the [instructions](#))

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):

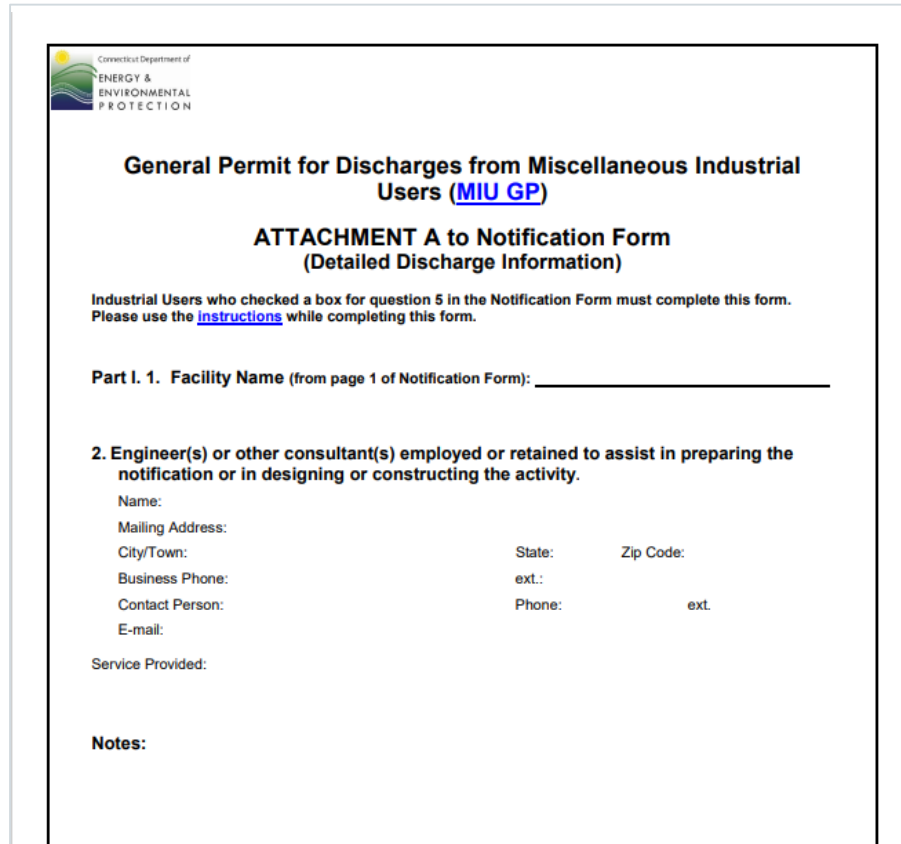
☐ Provide notice of Group I Process Wastewater Discharges with cum. max flow \geq 1000 gpd and $<$ 25,000 gpd
☐ Provide notice of Group II Non-process Wastewater Discharges with cumulative max daily flow \geq 5,000 gpd
☐ Provide notice of any Vehicle Maintenance Wastewater discharges
☐ Modify or correct 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: _____

- Group I Wastewater $>$ 1,000 gpd and $<$ 25,000 gpd
- Group II Wastewater $>$ 5,000 gpd
- Any flow of vehicle maintenance wastewater
- Any transported wastewater
- Any flow requiring a variance
- Any flow that Montville WPCA requests

Discharge Notification Form



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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: _____

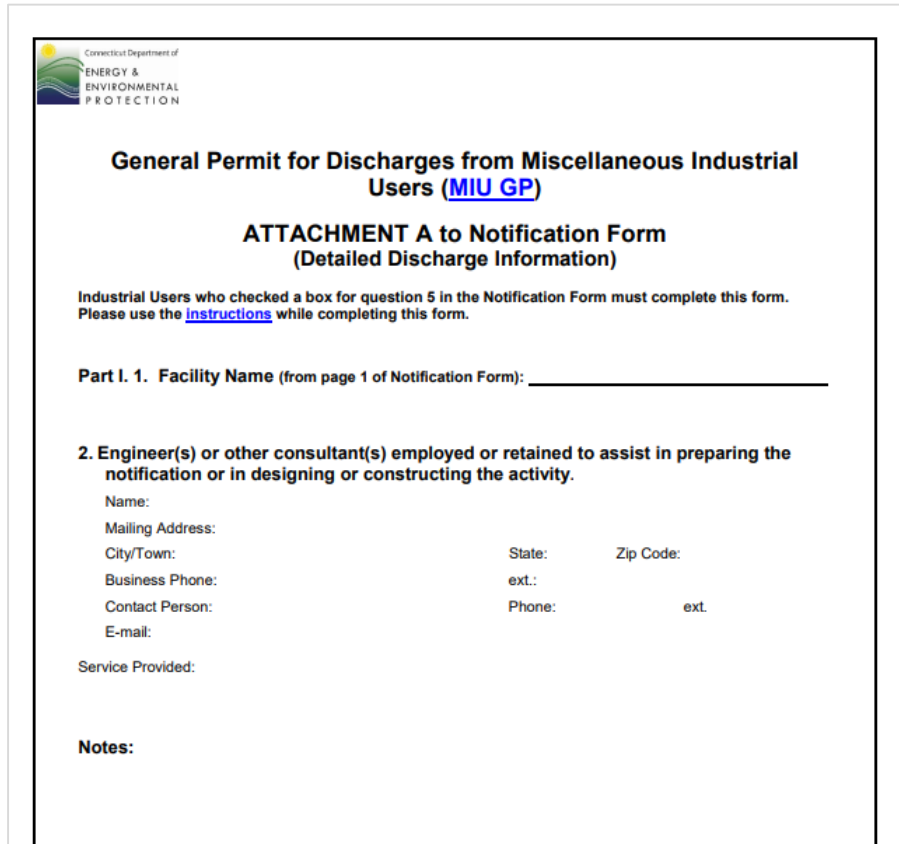
Notes:

Form NOT required if:

- MIU discharges Group I Wastewater <1,000 GPD with no variance
- MIU discharges Group II < 5,000 GPD with no variance

All MIUs however must comply with the requirements of the MIU General Permit regardless if they submit a Discharge Notification Form

Attachment A – What MIUs Must Submit?



The image shows a document titled "General Permit for Discharges from Miscellaneous Industrial Users (MIU GP)" with "ATTACHMENT A to Notification Form (Detailed Discharge Information)" below it. The document is from the Connecticut Department of Energy & Environmental Protection. It states that industrial users who checked a box for question 5 in the Notification Form must complete this form. The form includes sections for "Part I. 1. Facility Name" and "2. Engineer(s) or other consultant(s) employed or retained to assist in preparing the notification or in designing or constructing the activity." with fields for Name, Mailing Address, City/Town, State, Zip Code, Business Phone, ext., Contact Person, Phone, ext., E-mail, and Service Provided. There is also a "Notes:" section.

- Any flow of vehicle maintenance wastewater **UNLESS** already registered with the CT DEEP
- Group I Wastewater greater than 1,000 gpd and less than 25,000 gpd and any of the following apply:
 - Greater than 2% and less than 5% average organic or hydraulic capacity of Montville POTW
 - Transported
 - Discharge has had increase in flow/change in chemistry since last notification
 - Requires a variance
 - Requires treatment prior to discharge to meet limits in GP Table 5-2 or Montville WPCA limits (whichever is more stringent)
- Vehicle Maintenance MIUs not already registered with CT DEEP will need to complete and submit to Montville WPCA

Attachment A – Detailed Discharge Information

Connecticut Department of
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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. _____

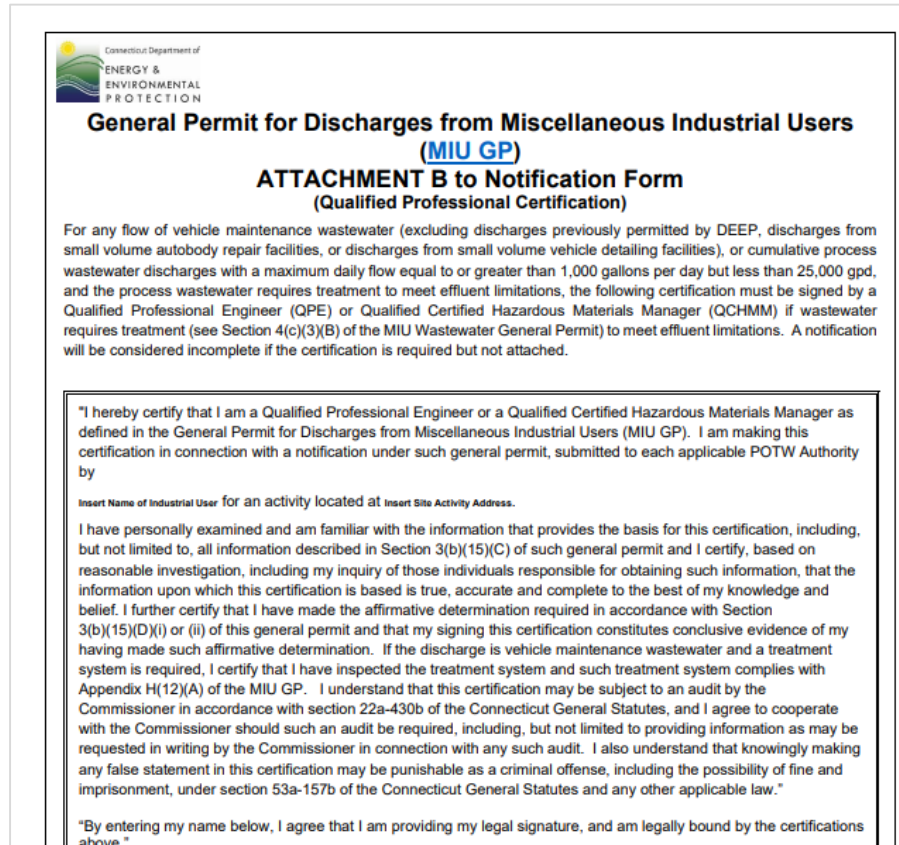
E-mail: _____

Service Provided: _____

Notes:

- May require engineer or other consultant to assist in preparing
- Group I/Group II quantities required
- Total maximum daily flow
- Continuous, intermittent discharge
- Method of flow measurement
- Wastewater treatment processes description (if required)
- Links: [Attachment A Form](#) and [Instructions](#)
- 3 pages
- Vehicle Maintenance MIUs not already registered with CT DEEP will need to complete and submit to Montville WPCA

Attachment B – Qualified Professional Certification for Treatment



Connecticut Department of
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**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, and the process wastewater requires treatment to meet effluent limitations, 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.

"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."

"By entering my name below, I agree that I am providing my legal signature, and am legally bound by the certifications above."

- Single page
- Qualified Professional required:
 - Professional Engineer (P.E.)
 - Certified Hazardous Materials Manager (C.H.M.M.)
- Links: [Attachment B](#) and [Instructions](#)

Attachment B – What MIUs Must Submit?

 Connecticut Department of
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**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, and the process wastewater requires treatment to meet effluent limitations, 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.

"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."

"By entering my name below, I agree that I am providing my legal signature, and am legally bound by the certifications above."

- **Group I Wastewater < 1,000 gpd and < 25,000 gpd and requires treatment prior to discharge to meet limits in GP Table 5-2 / Montville WPCA limits**
- **Any flow of vehicle maintenance wastewater unless already registered with the CT DEEP**

Attachment C – Discharge Screening Analysis



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

ATTACHMENT C to Notification Form

Discharge Screening 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. Please refer to the [instructions](#) while completing this form.

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
Biochemical Oxygen Demand (BOD5)			600.0 mg/l or 100.0 lbs/day or 2% of the POTW design load
Chemical Oxygen Demand (COD)			1200.0 mg/l
Total Suspended Solids			600.0 mg/l or 100.0 lbs/day or 2% of the POTW design load
Total Kjeldahl Nitrogen (TKN)			40.0 mg/l or 8.0 pounds

- 3 pages
- Copies of laboratory results must be attached
- Sampling / testing requirements
- Links: [Attachment C](#) and [Instructions](#)

Attachment C – What MIUs Must Submit?

- All Group I wastewater dischargers submitting the Discharge Notification Form
- All Group II Wastewater in category “Other”



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

ATTACHMENT C to Notification Form

Discharge Screening 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. Please refer to the [instructions](#) while completing this form.

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
Biochemical Oxygen Demand (BOD5)			600.0 mg/l or 100.0 lbs/day or 2% of the POTW design load
Chemical Oxygen Demand (COD)			1200.0 mg/l
Total Suspended Solids			600.0 mg/l or 100.0 lbs/day or 2% of the POTW design load
Total Kjeldahl Nitrogen (TKN)			40.0 mg/l or 8.0 pounds

Attachment D – Request for Variance

- 2 pages
- Links: [Attachment D](#) and [Instructions](#)

Connecticut Department of
ENERGY &
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PROTECTION

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. **Please refer to the [instructions](#) while completing this form.**

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 the MIU GP.

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:

MIU General Permit – Then What?

Miscellaneous Industrial Users (MIU) General Permit Monitoring/Reporting Requirements

Discharge Group	Total Maximum Daily Flow Thresholds per Category of Wastewater	Monitoring Frequency	Monitoring Record Keeping Requirements	Violation Record Keeping Requirements	Violation Reporting Requirements
Group I – Process Wastewaters (except as noted below)	Flow < 1,000 gpd 1,000gpd ≤ Flow < 10,000gpd 10,000gpd ≤ Flow < 25,000gpd	None Quarterly Monthly			<p>Report violations or problems immediately to:</p> <ul style="list-style-type: none"> Montville WPCA <p>AND</p> <ul style="list-style-type: none"> Water Permitting and Enforcement Division of the Bureau of Materials Management and Compliance Assurance <p>For certain violations, permittee will have to notify CT DEEP Commissioner and Montville WPCA. For information on the details and timeframes see 5(d) of GP.</p>
Group I – Food Processing, Commercial Laundry, Reverse Osmosis Reject Water	Flow < 25,000 gpd	None	Recorded in a log made available on request to: <ul style="list-style-type: none"> Montville WPCA or CT DEEP Commissioner <p>See 5(b)(8) of GP for details.</p>	Violations recorded (within 24 hours of permittee becoming aware) in a log made available on request to: <ul style="list-style-type: none"> Montville WPCA or CT DEEP Commissioner <p>See 5(b)(8) of GP for details.</p>	
Group II – Non-process Wastewaters	All Flows	None			
Photoprocessing Wastewaters	All Flows	Monthly, Annually (for silver recovery systems; see 5(b)(5)(B)(i) of GP after table 5-3 for details.)			

Other Requirements

Discharge Group	Total Maximum Daily Flow Thresholds per Category of Wastewater	Requirement	Recording Requirements
Any discharge (other than vehicle maintenance wastewater) requiring treatment prior to discharge to meet limits in GP Table 5-2/POTW Authority limits.	All Flows	<p>O&M Plan (See MIU GP Section 5(e)(2) for eligibility and Appendix B for required components of Plan.)</p> <p>Spill Prevention Plan (See MIU GP Section 5(e)(2) for eligibility and exceptions and Appendix C for required components of Plan.)</p>	<p>Must be prepared, not required to be submitted with Discharge Notification Form.</p> <p>Made available on request to Montville WPCA.</p>

Notes:

- Refer to Table 5-2 for parameters to be monitored for
- Refer to footnotes on Table 5-3 of General Permit



MONTVILLE, CT

MIU General Permit – Monitoring

- **Photoprocessing Wastewaters** (all flows) – Monthly, Annually (for Silver Recovery)
 - **Group I – Process Wastewaters** * – Quarterly (between 1,000 gpd and 10,000 gpd), Monthly (between 10,000 gpd and 25,000 gpd)
 - **Monitoring Reports** are NOT required to be submitted to Montville WPCA but available on request
- * Does NOT include food processing, commercial laundry, reverse osmosis reject water discharges

MIU General Permit – O&M Plan and Spill Prevention Plan

Plans are required for any MIU (other than vehicle maintenance wastewater) requiring treatment prior to discharge, in order to meet limits in GP Table 5-2 / Montville WPCA limits.

Links:

[Operation and Maintenance Plan- scroll to page 47](#)

[Spill Prevention and Control Plan- scroll to page 49](#)

Site Visits / Field “Inspections”



- Education
- Discussion
- Relationship Building
- Public Outreach
- Report Documentation

Site Visits / Field “Inspections”

Report Documentation

Miscellaneous Industrial User (MIU) Inspection Form	
MIU Name:	
MIU Address:	
Date of Visit:	Date of Previous Inspection:
Time In:	Time Out:
Name of Inspector(s)/ Title:	
MIU Representative(s)/ Title:	
Group I: Process Wastewater Discharges (circle applicable categories)	
Commercial laundry wastewater	
Contact cooling and heating wastewater	
Cutting and grinding wastewater	
Food processing wastewater	
Non-destruct testing rinsewater	
Printing and photographic processing wastewater	
Reverse osmosis reject water	
Tumbling or cleaning of parts wastewater	
Water treatment wastewater	
Other process wastewaters: _____	
Group II: Non-Process Wastewater Discharges (circle applicable categories)	
Air compressor condensate & blowdown	
Boiler blowdown wastewater	
Building maintenance wastewater	
Fire suppression system testing wastewater	
Hydrostatic pressure testing wastewater	
Non-contact cooling water	
Potable water system maintenance or sampling wastewaters	
Swimming pool wastewater	
Vehicle maintenance wastewater	
Other non-process wastewaters: _____	
Total Group I Discharge (cumulative maximum daily flow)	GPD (Gallons per Day)
Total Group II Discharge (cumulative maximum daily flow)	GPD (Gallons per Day)

	Yes	No	N/A
Group I wastewater \geq 1000 gpd and $<$ 25,000 gpd			
Group I wastewater $<$ 1000 gpd			
Group II wastewater \geq 5000 gpd			
Group II wastewater $<$ 5000 gpd			
Wastewater is transported to POTW			
Wastewater discharge/ Industrial User requires a variance			
Wastewater requires treatment prior to discharge to meet limits in GP/POTW			
Monitoring	Yes	No	N/A
Is monitoring log on site?			
Is monitoring log current?			
Is monitoring being done at frequency required by flow?			
Is violation log on site?			
Is violation log current?			
Treatment (if required prior to discharge to meet limits in GP/POTW) and Best Management Practices	Yes	No	N/A
List parameters for which treatment is required prior to discharge:			
Does MIU discharge photoprocessing wastewater?			
If so, is silver treatment system maintained monthly / annually? (Required by MIU GP (5)(B)(i))			
If any pretreatment equipment is being used for pretreatment, is there a log available of proper operation/ maintenance?			
Treatment Comments:			

Are Best Management Practices required in General Permit? (for discharge categories in Appendix H including photoprocessing/printing, food processing, vehicle maintenance, etc.)			
BMP Practices Comments:			
If required, are they being adhered to?			
Plans (Refer to MIU GP Section 5 (e) (2) and Appendix B/C)	Yes	No	N/A
Is O&M Plan required? (Any discharger other than GVM wastewater requiring treatment prior to discharge to meet limits in MIU GP Table 5-2 or POTW Authority limits are required to have O&M Plan)			
Is it on site?			
Does it contain required information in GP Appendix B?			
Is Spill Prevention Plan Required?			
Does it contain required information in GP Appendix C?			
Is it on site?			
If not required, are the alternate requirements being met? (Refer to MIU GP Section 4(c)(3)(B)(ii))			
Comments:			
Inspector Signature:		Date:	
MIU Representative Signature:		Date:	




Questions & Answers



- Asking For Help
- Sharing Best Practices

Important Links and Resources

- [Industrial Wastewater](#)
- [Water Discharge Permits and General Permits](#)

Miscellaneous Industrial Users  (MIU GP)	Word  PDF 	PDF 	09/29/20	Attachment A: Word  , PDF  / Instructions 
Issued 09/29/20				Attachment B: Word  , PDF  / Instructions 
Effective Date: 10/31/20				Attachment C: Word  , PDF  / Instructions 
				Attachment D: Word  , PDF  / Instructions 

Wright-Pierce Can Help!



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THANK YOU

Miscellaneous Industrial Users (MIU) General Permit Notification Requirements

Discharge Group		Form Required	Submitted To	Due Date	
<ul style="list-style-type: none">*Group I Wastewater ≥ 1000 gpd and < 25,000 gpd*Group II wastewater ≥ 5000 gpd*Any flow of vehicle maintenance wastewater*Any transported wastewater*Any flow requiring a variance*Any flow that Montville WPCA/POTW requests notify	➔	<div>Discharge Notification Form</div> <div>Refer to Section 4(c) of MIU GP for contents</div>	<div>Local POTW Authority</div> <div>AND</div> <div>Any POTW Authorities where wastewater passed through via sewer system</div>	<div>New Discharges: Before discharge is initiated</div> <div>Existing Discharges: Within ninety (90) days of October 31, 2020. (This date is January 29, 2021.)</div>	<div>Notes:</div> <ul style="list-style-type: none">• Values of gpd refer to cumulative maximum daily flow• For descriptions of Group 1 (Process) and Group 2 (Non-Process) wastewaters, see GP section 4(a)(1)• Refer to document “Instructions for the Discharge Notification Form to POTW Authority (Notification Form) for the General Permit for Discharges from Miscellaneous Industrial Users (MIU GP)” for more detailed information
<ul style="list-style-type: none">*Any flow of Vehicle Maintenance Wastewater*Group I Wastewater ≥ 1000 gpd and < 25,000 gpd AND any of the following apply:<ul style="list-style-type: none">• Greater than 2% and less than 5% average organic or• Hydraulic capacity of POTW• Transported• Discharge has had increase in flow/ change in chemistry since last registration/ notification• Requires a variance• Requires treatment prior to discharge to meet limits in GP Table 5-2 or Montville WPCA limits, whichever is more stringent	➔	<div>Supplemental to Discharge Notification Form:</div> <div>Attachment A: Detailed Discharge Information</div>			
<ul style="list-style-type: none">*Group I Wastewater ≥ 1000 gpd and < 25,000 gpd AND requires treatment prior to discharge to meet limits in GP Table 5-2/ POTW Authority limits*Any flow of Vehicle Maintenance Wastewater (excluding discharges previously permitted by DEEP)	➔	<div>Attachment B: Qualified Professional Certification for Treatment</div> <div>See Section 4(c)(3)(B) of the MIU GP</div> <div>Exceptions found in 4(c)(3)(B)(ii)</div>			
<ul style="list-style-type: none">*All Group I wastewater submitting the Discharge Notification Form*All Group II wastewater in category “Other” (Refer to GP section 4(a)(1)) submitting the Discharge Notification Form	➔	<div>Attachment C: Discharge Analysis</div> <div>Results of one screening analysis from the testing of a sample taken within 90 days of notification OR most recent sampling event for pollutants specified in permit. (This is a ONE TIME reporting requirement.)</div>			
<ul style="list-style-type: none">*Group I wastewater < 1000 gpd discharged directly to a sanitary sewer that does not require a variance*Group II wastewater < 5000 gpd discharged directly to a sanitary sewer that does not require a variance	➔	<div>Notification Form NOT necessary</div> <div>All dischargers of MIU wastewater must comply with the requirements of the MIU GP whether or not they need to submit a Notification Form</div>			



Miscellaneous Industrial Users (MIU) General Permit Monitoring/Reporting Requirements

Discharge Group	Total Maximum Daily Flow Thresholds per Category of Wastewater	Monitoring Frequency	Monitoring Record Keeping Requirements	Violation Record Keeping Requirements	Violation Reporting Requirements
Group I – Process Wastewaters (except as noted below)	Flow < 1,000 gpd 1,000gpd ≤ Flow < 10,000gpd 10,000gpd ≤ Flow < 25,000gpd	None Quarterly Monthly	Recorded in a log made available on request to: <ul style="list-style-type: none">Montville WPCA or CT DEEP Commissioner See 5(b)(8) of GP for details.	Violations recorded (within 24 hours of permittee becoming aware) in a log made available on request to: <ul style="list-style-type: none">Montville WPCA or CT DEEP Commissioner See 5(b)(8) of GP for details.	Report violations or problems immediately to: <ul style="list-style-type: none">Montville WPCA AND <ul style="list-style-type: none">Water Permitting and Enforcement Division of the Bureau of Materials Management and Compliance Assurance For certain violations, permittee will have to notify CT DEEP Commissioner and Montville WPCA. For information on the details and timeframes see 5(d) of GP.
Group I – Food Processing, Commercial Laundry, Reverse Osmosis Reject Water	Flow < 25,000 gpd	None			
Group II – Non-process Wastewaters	All Flows	None			
Photoprocessing Wastewaters	All Flows	Monthly, Annually (for silver recovery systems; see 5(b)(5)(B)(i) of GP after table 5-3 for details.)			

Other Requirements

Discharge Group	Total Maximum Daily Flow Thresholds per Category of Wastewater	Requirement	Recording Requirements
Any discharge (other than vehicle maintenance wastewater) requiring treatment prior to discharge to meet limits in GP Table 5-2/POTW Authority limits.	All Flows	O&M Plan (See MIU GP Section 5(e) (2) for eligibility and Appendix B for required components of Plan.) Spill Prevention Plan (See MIU GP Section 5(e)(2) for eligibility and exceptions and Appendix C for required components of Plan.)	Must be prepared, not required to be submitted with Discharge Notification Form. Made available on request to Montville WPCA.

Notes:

- Refer to Table 5-2 for parameters to be monitored for
- Refer to footnotes on Table 5-3 of General Permit