



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

ATTACHMENT C to Permit 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 Permit 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 Permit 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 Permit 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 - 12.0	Between 5.0 and 12.0
Biochemical Oxygen Demand (BOD5)		300.0 mg/l or 50 Lbs/Day or 1% of the POTW Design Load.	600.0 mg/l or 100.0 lbs/day or 2% of the POTW design load
Chemical Oxygen Demand (COD)		600.0 mg/l	1200.0 mg/l
Total Suspended Solids		300.0mg/l or 50 Lbs/Day or 1% of POTW Design Load.	600.0 mg/l or 100.0 lbs/day or 2% of the POTW design load
Total Kjeldahl Nitrogen (TKN)		20.0 mg/l or 4.0 Lbs/Day	40.0 mg/l or 8.0 pounds per day
Nitrate-nitrite (as N)		20.0 mg/l or 4.0 Lbs/Day	40.0 mg/l or 8.0 pounds per day
Total Phosphorus ¹			---
Oil & grease, Total Petroleum Hydrocarbons		100.0 mg/l	100.0 mg/l
Oil & grease, total (Food Processing only)		100.0 mg/l	100.0 mg/l
Volatile Organic Compounds, total		2.50 mg/l	5.0 mg/l
Formaldehyde		5.0 mg/l or 5 Lbs/Day	10.0 mg/l or 10 pounds per day ¹
Methylene Chloride		0.5 mg/l	1.0 mg/l
Phenols, total		5.0 mg/l	10.0 mg/l
Phthalate esters		1.0 mg/l	2.0 mg/l
Polynuclear Aromatic Hydrocarbons		0.25 mg/l	0.5 mg/l

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)
Ethylene Glycol		150.0 mg/l or 5 Pounds Per Day	300.0 mg/l or 10 pounds per day
Propylene Glycol		150.0 mg/l or 5 Pounds Per Day	300.0 mg/l or 10 pounds per day
Cadmium, total		0.25 mg/l	0.5 mg/l
Chromium, total		1.0 mg/l	2.0 mg/l
Copper, total		1.0 mg/l	2.0 mg/l
Lead, total		0.25 mg/l	0.5 mg/l
Nickel, total		1.0 mg/l	2.0 mg/l
Silver, Total		0.25 mg/l For Photo Processing.	0.5 mg/l (for photo processing-- see Table 5-1 of MIU general permit)
Tin, Total		2.0 mg/l	4.0 mg/l
Zinc, total		1.0 mg/l	2.0 mg/l
Antimony, total		2.0 mg/l	4.0 mg/l
Aluminum, total ²			---
Arsenic, total ²		0.5 mg/l	0.10 mg/l
Beryllium		1.0 mg/l	2.0 mg/l
Cobalt, Total		2.0 mg/l	4.0 mg/l
Molybdenum, Total		2.0 mg/l	4.0 mg/l
Selenium, Total		0.25 mg/l	0.5 mg/l
Strontium, Total		1.0 mg/l	2.0 mg/l
Thallium, Total		1.0 mg/l	2.0 mg/l
Titanium, Total		2.0 mg/l	4.0 mg/l
Vanadium, Total		1.0 mg/l	2.0 mg/l
Zirconium, Total		1.0 mg/l	2.0 mg/l
Temperature (Non-contact cooling water only)			Refer to MIU general permit

¹ 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).

²Aluminum and arsenic monitoring shall be required only for water treatment 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."

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

Printed Name of Person Completing Form

Date

Title (if applicable)

Table 5-2 from MIU 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 MIU 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 ¹)	Tumbling or Cleaning	Water Treatment	Commercial Laundry	Food Processing	Reverse Osmosis Reject Water	Other process & non-process wastewater
Temperature	X						X	X	X	X
pH	X	X	X	X	X	X	X	X	X	X
BOD ₅			X	X	X		X	X		X
COD			X	X			X	X		X
Total Suspended Solids	X	X	X		X	X	X	X		X
Total Kjeldahl Nitrogen				X			X	X		X
Nitrate-nitrite (as N)				X	X		X	X		X
Phosphorus ⁽³⁾ , 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 ²				
Arsenic						X ²				
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

¹ 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.

² Aluminum and arsenic monitoring shall be required only for water treatment wastewater associated with alum treatment.

³ 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).