

# **Discharge Authorization Permit Application**

I. General Inf	ormation		
Registered Maryla	nd business or agency name:		
Site address:			
Mailing address:			
Length of time at a	ddress or projected occupancy	date:	
	bmitted? le agency and project number 030603-2022 or Rockville ####):	□ Yes	□ No
Business or agenc	y contact name:		
Title			
E-mail:		Phone number:	
If "Yes," indicate re and state of Incorp		□ Yes □ No	
Registered Agent:			
Title:			
E-mail:		Phone number:	
Does this business Sanitary District?	s or agency exist currently at and	other location within the Wa	ashington Suburban
□ Yes	□ No		
If "Yes", provide ac	ldress:		
	cation for a permanent or tempo ary has a planned end date)?	orary □ Permanent	□ Temporary
If "Temporary," ind	icate the expected duration of the	ne discharge in months:	
Existing Dis	charge		
□ Proposed D	ischarge (if proposed, indicate a	anticipated date of dischare	ge)
Anticip	ated date:		

Indicate all major activities, facilities, and processes applicable to this location:					
□ Government	□ Manufacturing				
Food/Beverage Processing	□ Office space				
□ Laboratory	Retail/Wholesale				
□ Landfill	□ School/Educational				
□ Laundry (Industrial/Commercial)	Vehicle/Equipment Cleaning				
□ Machine Shop	Other (specify):				
Applicable Cotogorical Standarday					
Applicable Categorical Standards:	Matel Melding and Costing (40 OFD 404)				
□ Aluminum Forming (40 CFR 467)	<ul> <li>Metal Molding and Casting (40 CFR 464)</li> <li>Nonferrous Metals Forming and Metal Powders</li> </ul>				
□ Battery Manufacturing (40 CFR 461)	(40 CFR 471)				
□ Carbon Black Manufacturing (40 CFR 458)	□ Oil and Gas Extraction (40 CFR 435)				
Centralized Waste Treatment (40 CFR 437)	Organic Chemicals, Plastics, and Synthetic Fibers (40 CFR 414)				
$\Box \text{ Coil Coating (40 CFR 465)}$	$\square$ Paint Formulating (40 CFR 446)				
□ Concentrated Animal Feeding Operations					
(CAFOs) <i>(40 CFR 412)</i>	□ Paving and Roofing Materials (40 CFR 443)				
<ul> <li>Copper Forming (40 CFR 468)</li> <li>Electrical and Electronic Components</li> </ul>	□ Pesticide Chemicals (40 CFR 455)				
(40 CFR 469)	□ Petroleum Refining (40 CFR 419)				
Electroplating (40 CFR 413)	□ Pharmaceutical Manufacturing (40 CFR 439)				
Fertilizer Manufacturing (40 CFR 418)	□ Porcelain Enameling <i>(40 CFR 466)</i>				
□ Glass Manufacturing (40 CFR 426)	$\Box$ Pulp, Paper, and Paperboard <i>(40 CFR 430)</i>				
Grain Mills (40 CFR 406)	□ Rubber Manufacturing (40 CFR 428)				
□ Ink Formulating (40 CFR 447)	$\Box$ Soap and Detergent Manufacturing (40 CFR 417)				
<ul> <li>Inorganic Chemicals Manufacturing (40 CFR 415)</li> </ul>	□ Steam Electric Power Generating (40 CFR 423)				
□ Iron and Steel Manufacturing (40 CFR 420)	□ Timber Products Processing (40 CFR 429)				
$\Box$ Leather Tanning and Finishing (40 CFR 425)	□ Transportation Equipment Cleaning (40 CFR 442)				
Metal Finishing (40 CFR 433)	□ Waste Combustors (40 CFR 444)				
List all environmental permits held by your busines Issuing Agency Type of	<b>U U U U</b>				

## II. Operations Information

Number of workdays per week:

Personnel Schedule

Enter number of employees and the times the shift starts and ends (note a.m. or p.m.):

		Office First Shift Second Shift Th		· 					
	Ot # of	fICE Shift	⊢ırst # of	Shift Shift	Second Shift # of Shift		Third Shift # of Shift		
	Employees	Times	Employees	Times	Employees	Times	Employees	Times	
Weekdays									
Saturdays									
Sundays									
Is the operation	on subject t	o seasonal	variations:		∕es □No	)			
lf "Yes," ir	ndicate:								
Seasonal	maximum v	vastewater	flow:	gal	ons/day durir	ng months	of:		
Seasonal	minimum w	/astewater f	low:	gal	ons/day durir	ng months	of:		
Are facility op maintenance			vacation,		∕es □No	)			
lf "Yes," ir	ndicate reas	on Shutdow	vn period (mo	onths):					
List applicable products, or s (For inform	ervices in c	order of sign	ificance.	2	m codes (NA /.census.gov/n	,	ll processes	З,	
Primary NAIC	S Code:			Second	ary NAICS Co	ode:			
Others:									
Provide a de service(s) (att	tailed desc tach additio	ription of al nal sheets a	l industrial p as necessary	):	operations, fi	nal produc	ct(s) and/or		
Process Disc	harges are:								
□ Batch	🗆 Continu	uous 🗆 B	oth		% Batch		% Cor	ntinuous	
Average num	ber of batch	ו discharge	s per 24-hou	r day:					
Length and d	uration of c	ontinuous d	ischarge per	24-hour da	y:				
Are any proce could alter wa (Evaluate pro	astewater v	olumes or c	haracteristics vell as air or	s?	-		□ Yes	□ <b>No</b> Rev 12/202	

If answer is "Yes," briefly describe these changes and their likely effects on the wastewater volume and characteristics (attach additional sheets as necessary).

#### III. Principal Raw Materials Used

Indicate usage in pounds or gallons per month (attach additional sheets as necessary):

Material Name	<u>Used in</u>	Quantity Used	Disposal Method or Product
/	/	/	
/	/	/	
/	/	/	
/	/	/	
/	/	/	
/	/	/	
/	/	/	

### IV. Chemicals Stored and Used

Include acids, bases, solvents, metals, organic and inorganic compounds *(include attachments as necessary)* 

Chemical Name	Quantity Used (Ibs / GPD)	Quantity Stored (Ibs / GPD)

<b>Pollutants of Concern</b> - Check all priority pollutants in your wastestream:	s or other pollutants of concern that may be present
□ Acenaphthene	4-bromophenyl phenyl ether
	□ Bis(2-chloroisopropyl) ether
Acrylonitrile	□ Bis(2-chloroethoxy) methane
	□ Methylene chloride (dichloromethane)
	Methyl chloride (chloromethane)
□ Carbon tetrachloride	Methyl bromide
1,2,4-trichlorobenzene	Bromoform
Hexachlorobenzene	□ Dichlorobromomethane
□ 1,2-dichloroethane	□ Chlorodibromomethane
□ 1,1,1-trichloroethane	□ Hexachlorobutadiene
□ 1,1-dichloroethane	□ Hexachlorocyclopentadiene
□ 1,1,2-trichloroethane	
□ 1,1,2,2-tetrachloroethane	□ Naphthalene
□ Chloroethane	
$\Box$ Bis (2-chloroethyl) ether	2-nitrophenol
$\Box$ 2-chloroethyl vinyl ether	□ 4-nitrophenol
□ 2-chloronaphthalene	2,4-dinitrophenol
2,4,6-trichlorophenol	□ 4,6-dinitro-o-cresol
Parachlorometa cresol	□ N-nitrosodimethylamine
Chloroform	□ N-nitrosodiphenylamine
2-chlorophenol	N-nitrosodi-n-propylamine
□ 1,2-dichlorobenzene	Pentachlorophenol
□ 1,3-dichlorobenzene	Phenol
□ 1,4-dichlorobenzene	□ Bis(2-ethylhexyl) phthalate
□ 3,3-dichlorobenzidine	Butyl benzyl phthalate
□ 1,1-dichloroethylene	Di-N-Butyl Phthalate
□ 1,2-trans-dichloroethylene	□ Di-n-octyl phthalate
2,4-dichlorophenol	Diethyl Phthalate
□ 1,2-dichloropropane	Dimethyl phthalate
□ 1,3-dichloropropylene	Benzo(a) anthracene
2,4-dimethylphenol	□ Benzo(a) pyrene
□ 2,4-dinitrotoluene	Benzo(b) fluoranthene
□ 2,6-dinitrotoluene	Benzo(k) fluoranthene
□ 1,2-diphenylhydrazine	
	□ Acenaphthylene
Fluoranthene	□ Anthracene
	Benzo(ghi) perylene

PCB-1242 (Arochlor 1242)
PCB-1254 (Arochlor 1254)
PCB-1221 (Arochlor 1221)
PCB-1232 (Arochlor 1232)
PCB-1248 (Arochlor 1248)
PCB-1260 (Arochlor 1260)
PCB-1016 (Arochlor 1016)
□ Toxaphene
Antimony
$\Box$ Asbestos
Beryllium
□ Cadmium
🗆 Cyanide, Total
□ Lead
□ Molybdenum*
□ Selenium
Thallium
$\square$ PFAS (Per- and Polyfluoroalkyl Substances)*

Pollutants of Concern - Check all priority pollutants or other pollutants of concern that may be present

\*Not a priority pollutant, however this pollutant is a pollutant of concern

## V. Water Usage and Discharge Information

Indicate service that applies to the business or agency for which you are applying:

Water	Sewer
City of Rockville	□ City of Rockville
□ Surface Water	□ Septic Tank
Private Well	□ Holding Tank
Other:	□ Other:

Note applicable account number(s):

WSSC water/sewer account number:

City of Rockville water account number:

If you do not have a sanitary sewer connection, have you applied for one?

□ Yes	
If water and/or	sewer service is provided through a landlord indicate:
Landlord Name	
Street:	

City:	State:	Zip Code:
Telephone:	E-mail:	

Summarize applicable sources of water usage and wastewater generation

WATER IN Average Water Usage (gallons per day)			WATER O Average Water Discharge (gallons per d	ed or Consum	ed		
Source	GPD	Estimated	Measured	Source	GPD	Estimated	Measured
Domestic (Sanitary)				Sanitary Sewer			
Process Flow				Waste Hauler			
Washdown (equipment/facility)				Evaporation			
Contact cooling water				Consumed in product/process			
Non-contact cooling water				Storm Drain			
Boiler blowdown				Groundwater			
Air pollution control device				Landfill			
Other (describe)				Septic Tank			
Other (describe)				Surface Water			
Other (describe)				Other (describe)			
Total (all of above)				Total (all of above)			

Note: the WATER IN Total should equal the WATER OUT Total.

List all water-related processes. Indicate the discharge rate, chemical content, and method of disposal. Note next to processes that discharge to the sanitary sewer either "C" for a continuous discharge or "B" for a batch discharge.

Process	Chemical Content	Discharge Rate (GPM, GPD, MGD)	Method of Disposal

VI. Wastewater Treatment				
Is any form of pretreatment currently practiced at the facility?				
For all wastewater that is treated before discharge, pretreatment used at your facility. Indicate the design			ype(s) of	
	apacity GPM) Type		Capacity (GPM)	
Grease or Oil Separation:	Solids Sep	aration		
□ Grease abatement device	-	ation/Cyclone		
□ Oil/water separator	0	edimentation tank		
□ Dissolved air flotation	□ Filtration			
□ Filtration (size/type):				
□ Other (specify):		5		
Metals Treatment:	Other:			
Chemical precipitation	🗆 Air strippe	er/scrubber		
□ Ion exchange	🗆 Biologica	l treatment		
Filtration (size/type):	🗆 🗆 Chlorinati	ion/Ozonation		
Silver Recovery Unit	🗆 Evaporati	ion		
□ Cyanide Destruction	🗆 Flow equ	alization		
Electrolytic recovery	Neutraliza	ation, pH adjustment		
□ Other (specify):		Osmosis		
	□ Wastestre	eam segregation		
Organics Treatment:	Water rec	clamation		
□ Activated carbon	□ Other (sp	ecify):		
□ Air stripper/scrubber	□ Other (sp			
□ Other (specify):				

Provide a detailed description of pretreatment system(s) operation. Include operational controllers, chemical feed rates, and alarm conditions (attach additional sheets as nece		s for
Is the pretreatment operator certified to operate the system(s)?	□ Yes	□ No
Do you have an operations and maintenance manual for the pretreatment system(s)?	□ Yes	□ No
Are there any bypasses of the pretreatment system? If "Yes," describe the reason(s) and the operational procedure for the bypass (attach ad as necessary):	□ Yes Iditional sh	□ No neets
Is any form of pretreatment planned for the facility within the next three years? If "Yes," indicate the form of pretreatment that is planned (attach additional sheets as ne	□ Yes ecessary):	□ No
Are any material or water reclamation systems in use or planned? If "Yes," briefly describe the recovery process, material recovered, percent rec concentration of pollutants in the spent solution. Submit a flow diagram for each additional sheets as necessary):		

### VII. Wastewater Characteristics

After pretreatment, can wastewater streams be monitored prior to mixing with other waste streams?

□ Yes □ No □ Not Applicable

Provide a written description of each monitoring location:

Attach the most recent calendar year's analytical data, which characterizes the facility discharge to the sewer system. Include the laboratory report(s) and chain of custody(s).

 $\Box$  Yes, the required analytical data is attached.

□ No, the required analytical data has been previously submitted to WSSC.

□ No wastewater analytical data has been collected.

Provide a summary of the average characteristics anticipates in the wastewater:

Parameter	Average Daily Concentration (mg/L) (except as indicated)	Parameter	Average Daily Concentration (mg/L) (except as indicated)
Inorganics		Organics	
Arsenic		Tetrachloroethylene	
Cadmium		Trichloroethylene	
Chromium		Total PCBs	
Copper		Conventionals	
Cyanide		Ammonia	
Lead		Dissolved Solids	
Mercury		Suspended Solids	
Molybdenum		Total Solids	
Nickel		BOD (5-day, 20°C)	
Selenium		Total Phosphorous	
Silver		Total Petroleum Hydrocarbons	
Zinc		Fats, Oil, Grease	
		pH (min/max)	
		Temperature °C (max)	

Include other applicable categorical specific parameters or other data as necessary

## VIII. Waste Disposal

Are there any waste liquids or solids generated that are not discharged to the sanitary sewer?

 $\Box$  Yes  $\Box$  No

If "Yes," indicate the quantity/units (lbs./mo., gal./yr., etc.).

<u>Waste</u>	<u>Quantity</u>	/	<u>Units</u>	<u>Waste</u>	<u>Quantity</u> /	<u>Units</u>
Waste solvent		/		_ Heavy metals	/	
Waste product		/		Organic compounds	/	
Oil		/		Paints	/	
Grease		/		Acids/alkalis		
Pretreatment sludge		/		Plating wastes	/	
Inks/dyes		/		Pesticides	/	
Waste solvent		/		Other:	/	
Does your company transport any of the above from your business or agency?   Ves No If "Yes,", describe:						
Are any of the above co If "Yes," describe:	mbined with	refu	use for di	sposal?	□ Yes	□ No
Are any RCRA hazardou If "Yes," describe the v		-			□ Yes	□ No
If waste haulers are used, provide their name(s), address(es), and EPA numbers:						

Are pollution prevention		es 🗆 No			
If "Yes," describe (attach additional sheets as necessary):					
IX. Spill Preventio	n and Chemical Ma	nagement			
Do floor drains exist in n	nanufacturing or chemical	storage areas?	□ Yes	□ No	
If "Yes," what is their d	ischarge destination (cheo	k all that apply)?			
Sanitary sewer	Storm Drain	Septic tank			
□ Ground	Holding tank	□ Other			
•	ainers, bins, ponds, or oth ad to (check all that apply)	er containment structures exi :	st at the comp	bany, an	
Sanitary sewer	Storm Drain	Septic tank			
□ Ground	Holding tank	□ Other			
Attach a diagram of be to storage.	ermed or diked containme	nt areas showing dimensions	s and layouts	in relation	
Do you have spill preven facility?	ntion or control and counte	ermeasures or a RCRA conti	ngency plan fo	or your	
□ Yes (If "Yes," attach a copy) □ No					
Does your facility have a	a Toxic Organic Managem	ent Plan (TOMP) or Solvent N	/lanagement F	Plan (SMP)?	
□ Yes (If "Yes," attach a copy) □ No					
	ot have any of the plans listes (attach additional sheet	sted above in place, describe s as necessary):	in detail your f	facility's	
Does your facility have a formal program designed to train employees in spill response? $\hfill\square$ Yes			□ No		
Does your facility mainta	□ Yes	□ No			

### X. Building and Plumbing Layout and Flow Diagrams

**Plumbing Layout:** Provide a scaled drawing of your site with plumbing indicated including building sewer connections, pretreatment systems, and monitoring locations identified.

**Pretreatment Systems:** Provide a scaled drawing for all pretreatment system(s). Show the routing of process waters from each wastewater generating process to the treatment system(s). Provide a list of treatment chemistry used. Show the flow from the treatment system to the sanitary sewer.

**Process Flow Diagram:** On a separate sheet, provide a process flow diagram for each process that is water-related (use list that you provided in Section V. Water Usage and Discharge Information). Show the average daily flow of water, materials and chemicals used in each process, flow to treatment systems, by-products and their disposal method, and final products

# **Signatory Authority**

		-	
Designation of	Authorize	ed Representative <sup>1</sup> (Required)	
l			of
I,, Authorized Representative		Authorized Representative Title	
,;	as an individ	ual identified in 40 CFR Part 403.12(l)(1)&(2)	
Industry Name			
Sanitary Commission (WSSC) for a	ourposes of vent that I	n all reports submitted to the Washington Suburl maintaining compliance with Federal and lo choose to delegate signatory authority to anot riting, of the change.	ocal
Signature of Authorized Representative		Date	
Authorized Representative E-	mail	Authorized Representative Phone Number	
Delegatio	n of Signa	atory Authority (Optional)	
1	of		
I, Of		Industry Name	,
duly authorize			
Delegated Indiv	idual	Delegated Individual Title	
of maintaining compliance with Federa	al and local pr dividual char	uburban Sanitary Commission (WSSC) for purpose retreatment requirements. In the event that the naminges, a new statement shall be submitted to WSSC individual.	ne
Signature of Delegated Individual	Date	Signature of Authorized Representative Date	
Delegated Individual E-mail		Delegated Individual Phone Number	
<ul> <li>officer means:</li> <li>1. The president, secretary, treasurer, or a vice-preside similar policy or decision-making functions forthe corpora 2. The manager of one or more manufacturing, product which govern the operation of the regulated facility incluinitiate and direct other comprehensive measures to as ensure that the necessary systems are established of requirements; and where authority to sign documents I</li> <li>b. By a general partner or proprietor if the Industrial User sc. By a principal executive officer or director having resports is a Federal, State, or local governmental entity.</li> <li>d. By a duly authorized representative of the individual dee 1. The authorization is made in writing by the individual or</li> </ul>	ubmitting the report ation; or tion, or operating iding having the ex- ssure long-term er r actions taken to has been assigned submitting the report onsibility for the ow , or their agent. signated in paragra a position having	ts is a corporation. For the purpose of this paragraph, a responsible corport ion in charge of a principal business function, or any other person who per facilities, provided, the manager is authorized to make management decise complicit duty of making major capital investment recommendations invironmental compliance with environmental laws and regulations, car gather complete and accurate information for control mechanism of or delegated to the manager in accordance with corporate procedures. Ints is a partnership or sole proprietorship, respectively. rerall operation of the discharging facility if the Industrial User submitting aph a., b., or c. of this Section if:	forms sions s, and n g the

responsibility, or having overall responsibility for environmental matters for the company; and 3. The written authorization is submitted to the Washington Suburban Sanitary Commission (WSSC).

If authorization in paragraph a-d. above is no longer accurate because a different individual or position has responsibility, a new written authorization must be submitted to the WSSC prior to or together with any reports to be signed by an authorized representative.

## **Certification Statement** (Required)

I certify under penalty of perjury and law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

#### Certified by:

Authorized Representative (print):	
Title:	
Signature:	Date:
Prepared by:	
Name (print):	
Title:	
Signature:	Date:

Mail completed application to:

Washington Suburban Sanitary Commission Regulatory Services Division Industrial Discharge Control Section, 11th Floor 14501 Sweitzer Lane Laurel, Maryland 20707-5901

If preferred, application can be emailed to <u>IndustrialDischargeControl@WSSCWater.com</u> before mailing original signed document to WSSC Water.