The City of SAN DIEGO
Public Utilities Department
Industrial Wastewater Control Program

DIRECTIONS FOR FILLING OUT THE INDUSTRIAL USER DISCHARGE PERMIT APPLICATION

Dischargers of industrial wastewater into the Metropolitan Sewerage System are required to obtain and maintain a permit from the Industrial Wastewater Control Program. The information requested in this permit application will be used to determine those industrial users required to obtain such a permit. Consequently, everyone must complete sections A through E. IMPORTANT: If wastewater is generated from other than restrooms or cafeterias, or if there is a discharge into a storm drain, you must complete sections F through J.

Please note failure to submit a completed application within the timeframe specified may result in enforcement action.

Thank you for your cooperation.

Industrial Wastewater Control Program Manager

9192 Topaz Way, MS 901D
San Diego, CA 92123

T (858) 654-4100
sandiego.gov

SAN DIEGO METROPOLITAN SEWERAGE SYSTEM

SIGNIFICANT INDUSTRIAL USER DISCHARGE PERMIT APPLICATION

Mail completed and signed applications to:
Industrial Wastewater Control Program
City of San Diego
9192 Topaz Way M.S. 901-D
San Diego, CA. 92123-1119
Phone/Fax: (858) 654-4100 / (858) 654-4110

Ind. No._____
Reviewer _____
Date _____

SECTION A - GENERAL INFORMATION

1. Applicant: _____
   Legal Company Name DBA
   ☐ Corporation ☐ Partnership ☐ Sole Proprietor
2. Name(s) of Owner(s): _____
3. Facility Address: _____ City: _____ Zip Code:_____
   Street
4. Mailing Address: _____ City: _____ Zip Code:_____
   (if different) Street
5. Persons to contact concerning this application:

Administration	Title	Phone Number	Extension	Fax Number

(Person with signatory authority to whom legal documents should be directed. See Page 7 of application for signatory requirements and statement.)

Inspection	Title	Phone Number	Extension	Fax Number

Sampling	Title	Phone Number	Extension	Fax Number

6. Send self-monitoring report forms to: ☐ Facility Address ☐ Mailing Address ☐ Billing Address
   Attention (Contact): ☐ Administrative ☐ Inspection ☐ Sampling
7. Brief description of the main products or services:_____
   _____
8. SIC Codes: _____
9. Billing Address: _____City: _____Zip Code: _____
   Street
   Attention (Contact): _____
10. Facility generating wastewater is: ☐ Existing ☐ Proposed Start Date: _____

SECTION B - WATER USAGE

1. Hours of operation: S _____ M _____ T _____ W _____ Th_____ F _____ Sa _____
2. Average number of on site employees per shift: 1st _____ 2nd _____ 3rd _____ Total _____
3. Purchased water: ☐ City of San Diego ☐ Other water company (specify) _____
   A. Water service account numbers: _____
   B. Are meters shared with any other facilities? ☐ Yes ☐ No
   C. What is the average consumption per work/production day averaged over the past 12 months? _____GPD

4. Other water sources: ☐ Wells ☐ Bay/ocean water ☐ Impounded storm water ☐ Other _____

A. Are other water sources metered? ☐ Yes ☐ No

B. What is your average non-city water consumption per work/production day, averaged over the previous 12 months?

_____ GPD

5. Total average daily water consumption per work/production day (add lines 3C and 4B) _____ GPD

6. Does this facility use water for purposes other than restrooms, cafeterias, non contact cooling, boilers, HVAC and irrigation?

☐ Yes ☐ No

7. Is there any process discharge to storm drains? ☐ Yes ☐ No

If yes, list NPDES Permit Number(s) _____

Please estimate below the sources and quantities of waste water discharges and water losses at the facility using average daily flows in gallons per day (GPD).

SOURCES OF WASTEWATER DISCHARGES AND WATER LOSSES	**Sewer Conn #_____**	**Sewer Conn #_____**	**Sewer Conn #_____**	**Sewer Conn #_____**	**Total Usage**
Sanitary Discharges:					
Restrooms (13 gpd/on-site employee)					
Kitchens & cafeterias (2 gpd/customer)					
One-pass noncontact cooling water					
Process Discharges:					
Cooling tower bleed					
Boiler blowdown					
Water softener regenerant					
Reverse osmosis reject (supply water)					
Deionizer regenerant (supply water)					
Plant and equipment washdown					
Industrial process flow (totals from pg 3)					
Other					
Water Losses:					
Irrigation (0.088 gpd/sf of irrigated land)					
Cooling tower evap. (2.4 gpm/100 tons)					
Boiler steam loss					
Production process evaporation					
Product inclusion					
Hauled off-site for waste disposal					
Employee use (1 gpd/on-site employee)					
TOTAL					

SECTION C - INDUSTRIAL WASTE WATER (Include all uses not specifically listed on the previous page.)

Bldg. #	Process	40 CFR Category [1] (If applicable)	WW Generated [2]		Metered or Estimated	Conn #___ (If known)	Daily Max Flow [3]	Discharge Type [4]	Batches Per	Pretreat Y/N	Process Start
			Discharged	Not Dischg.							

1 - See Attachment A
2 - Average Gallons Per **Calendar** Day
3 - Maximum Discharge Per **Production** Day
4 - B = Batch; C = Continuous; I = Intermittent; N = No Discharge

SECTION D - ON SITE CHEMICAL INFORMATION

Attach a list of chemicals which are used or stored at this facility. Include estimated quantities stored on the premises for each chemical. Chemical lists prepared for other agencies are acceptable.

SECTION E - PRIORITY POLLUTANT INFORMATION

Please indicate, by placing an "x" by each listed chemical, which are used in your operation or generated as a byproduct. Some compounds are also known by other names.

Present	Present	Present
☐ asbestos (fibrous)	☐ carbon tetrachloride	☐ endrin aldehyde
☐ cyanide (total)	☐ chlordane	☐ ethylbenzene
☐ antimony (total)	☐ 4-chloro-3-methylphenol	☐ fluoranthene
☐ arsenic (total)	☐ chlorobenzene	☐ fluorine
☐ beryllium (total)	☐ chloroethane	☐ heptachlor
☐ cadmium (total)	☐ 2-chloroethyl vinyl ether	☐ heptachlor epoxide
☐ chromium (total)	☐ chloroform	☐ hexachlorobenzen
☐ copper (total)	☐ chloromethane	☐ hexachlorobutadiene
☐ lead (total)	☐ 2-chloronaphthalene	☐ hexachlorocyclopentadiene
☐ mercury (total)	☐ 2-chlorophenol	☐ hexachloroethane
☐ nickel (total)	☐ 4-chlorophenyl phenyl ether	☐ indeno (1,2,3-cd) pyrene
☐ selenium (total)	☐ chrysene	☐ isophorone
☐ silver (total)	☐ 4,4'-DDD	☐ methylene chloride
☐ thallium (total)	☐ 4,4'-DDE	☐ naphthalene
☐ zinc (total)	☐ 4,4'-DDT	☐ nitrobenzene
☐ acenaphthene	☐ dibenzo (a,h) anthracene	☐ 2-nitrophenol
☐ acenaphthylene	☐ dibromochloromethane	☐ 4-nitrophenol
☐ acrolein	☐ 1,2-dichlorobenzene	☐ N-nitrosodimethylamine
☐ acrylonitrile	☐ 1,3-dichlorobenzene	☐ N-nitrosodi-n-propylamine
☐ aldrin	☐ 1,4-dichlorobenzene	☐ N-nitrosodiphenylamine
☐ anthracene	☐ 3,3' dichlorobenzidine	☐ PCB-1016
☐ benzene	☐ 1,1-dichloroethane	☐ PCB-1221
☐ benzidine	☐ 1,2-dichloroethane	☐ PCB-1232
☐ benzo (a) anthracene	☐ 1,1-dichloroethylene	☐ PCB-1242
☐ benzo (a) pyrene	☐ 1,2-trans-dichloroethylene	☐ PCB-1248
☐ 3,4-benzofluoroanthene	☐ 2,4-dichlorophenol	☐ PCB-1254
☐ benzo (g,h,i) perylene	☐ 1,2-dichloropropane	☐ PCB-1260
☐ benzo (b) fluoroanthene	☐ 1,2-dichloropropylene	☐ pentachlorophenol
☐ a-BHC (alpha)	☐ dieldrin	☐ phenanthrene
☐ b-BHC (beta)	☐ diethyl phthalate	☐ phenol
☐ d-BHC (delta)	☐ 2,4-dimethyl phenol	☐ pyrene
☐ g-BHC (gamma)	☐ di-n-butyl phthalate	☐ 2,3,7,8-tetrachlorodibenzo-p-dioxin
☐ bis (2-chloroethyl) ether	☐ di-n-octyl phthalate	☐ 1,1,2,2-tetrachloroethane
☐ bis (2-chloroethoxy) methane	☐ 4,6-dinitro-o-cresol	☐ tetrachloroethylene
☐ bis (2-chloroisopropyl) ether	☐ 2,4-dinitrophenol	☐ toluene
☐ bis (chloromethyl) ether	☐ 2,4-dinitrotoluene	☐ toxaphene
☐ bis (2-ethylhexyl) phthalate	☐ 2,4-dinitrotoluene	☐ 1,2,4-trichlorobenzene
☐ bromodichloromethane	☐ 1,2,-diphenylhydrazine	☐ 1,1,1-trichloroethane
☐ bromoform	☐ a-endosulfan (alpha)	☐ 1,1,2-trichloroethane
☐ bromomethane	☐ b-endosulfan (beta)	☐ trichloroethylene
☐ 4-bromophenyl phenyl ether	☐ endosulfan sulfate	☐ 2,4,6-trichlorophenol
☐ butybenzyl phthalate	☐ endrin	☐ vinyl chloride

SECTION F - DRAWING AND INFORMATION SUBMITTAL REQUIREMENTS

(Diagrams may be submitted separately or combined as long as the required information is included.)

1. Facility Diagram(s):
   Attach a diagram of the facility that includes all sewer drains (indicating regulated connections), sewer laterals and physical means of spill containment (berms). Identify chemical and waste storage areas. For wet process areas show tank layout, volumes and contents.
2. Plot Plan(s):
   Attach a plot plan that identifies all storm drains and external sanitary sewer drain connections and the tributary areas to each drain; assign a unique ID # to each drain. For each sewer drain, provide the tributary area in sq ft, and list all measures in place to prevent the inflow of storm water; where there are multiple drains, this information can be attached as a separate sheet
3. Process Flow Diagram(s):
   Attach a diagram giving an overview of the process(es) which take place at your facility. Indicate which processes use water and which generate wastestreams.
4. Water Distribution Diagram:
   Start at the city water meter and proceed through the water distribution system, showing the process served and the average daily in-flow to each process in gallons per day (GPD). Show submeters, and where the in-flow is metered, so indicate. All water delivered through the city meter should be accounted for; additionally, any in-coming water from a non-metered source, such as well-water or water received with raw materials, should be identified and tracked. From each process served (e.g. printed circuit board manufacturing, electroplating, film processing, steam cleaning), show wastewater flow and losses, if any, in GPD. The diagram should end where the facility lateral(s) meet the city sewer. For all non-metered flows, document how the reported flow was determined; include supporting calculations. Total in-coming water must equal total wastewater plus losses.
5. Wastewater Treatment Diagram:
   Attach a diagram of the wastewater treatment system (if any). Indicate from which process each wastestream originates and the final discharge points.

SECTION G - SPILL PREVENTION

1. Does this facility have a written spill prevention control and countermeasure plan? ☐ Yes ☐ No

2. Are there any sewer drains in your manufacturing, chemical or waste storage areas? ☐ Yes ☐ No
   If yes, describe measure taken to prevent spills from entering the sewer system.

_____

_____

_____

_____

3. Discharge from your wastewater pretreatment system is: ☐ Manual ☐ Automatic ☐ NA
   (If NA, skip to next section.)

4. Are acid or caustic in volumes greater than 55 gallons plumbed into your pretreatment system? ☐ Yes ☐ No

5. Describe any measures taken to prevent bypass through the treatment system in case of treatment system failure.
   (Attach additional pages if necessary.)

_____

_____

_____

SECTION H - NON-SEWERED WASTES

WASTE TYPE	EST.QTY/YR (INCLUDE UNITS)	HAULER # FROM BELOW
Acids and Alkalies		
Grease		
Paints		
Pesticides		
Plating Wastes		
Pretreatment Sludges		
Sump Wastes		
Waste Oils		
Waste Product		
Waste Solvents		
Other (Specify)		

2. Are any of the above wastes placed with trash for disposal? ☐ Yes ☐ No

   If yes, specify _____

3. EPA generator number: _____

4. Name(s) and address(es) of all waste haulers.

   A. _____ D. _____

   _____ _____

   _____ _____

   _____ _____

   B. _____ E. _____

   _____ _____

   _____ _____

   _____ _____

   C. _____ F. _____

   _____ _____

   _____ _____

   _____ _____

SECTION I - CONFIDENTIALITY

Federal regulations have been promulgated by EPA to protect industry from public distribution of proprietary information which might threaten or alter the competitive advantage of the industry. Effluent data, which may not be held confidential, includes:

1. A general description of the location and/or nature of the source of pollutants, to the extent necessary to identify the source and distinguish it from other sources; and
2. Information necessary to determine the identity, amount, frequency, concentration, temperature, or other characteristics (to the extent related to water quality) of the pollutants which the source has discharged, or which, under an applicable standard or limitation, the source was authorized to discharge.

An industry desiring to assert a confidentiality claim for proprietary information must do so in writing by marking the allegedly confidential document, page, or sections "Confidential", "Trade Secret", or "Proprietary"; information so marked will be held confidential pending legal review.

SECTION J - CERTIFICATION

The certification statement below must be signed as required in items 1, 2, 3 or 4 below:

1. By a responsible corporate officer, if the Industrial User submitting the reports is a corporation. For the purpose of this section, a responsible corporate officer means:
   A. a president, secretary, treasurer, or vice-president of the corporation in charge of a principal business function, or any other person who performs similar policy- or decision-making functions for the corporation; or
   B. the manager of one or more manufacturing, production or operating facilities, provided the manager is authorized to make management decisions which govern the operation of the regulated facility, including having the explicit or implicit duty of making major capital investment recommendations, and initiate and direct other comprehensive measures to assure long-term environmental compliance with environmental laws and regulations; can ensure that the necessary systems are established or actions taken to gather complete and accurate information for control mechanism requirements; and where authority to sign documents has been assigned or delegated to the manager in accordance with corporate procedures.
2. By a general partner or proprietor, if the Industrial User submitting the reports is a partnership or sole proprietorship, respectively.
3. By the principal executive officer or director having responsibility for the overall operation of the discharging facility, if the Industrial User submitting the reports is a Federal, State, or local governmental entity, or their agents.
4. By a duly authorized representative of the individual designated in item 1, 2 or 3 of this section if:
   A. the authorization is made in writing by the individual described in item 1, 2 or 3;
   B. the authorization specifies either an individual or a position having responsibility for the overall operation of the facility from which the Industrial Discharge originates, such as the position of plant manager, operator of a well, or a well field superintendent, or a position of equivalent responsibility, or having overall responsibility for environmental matters for the company; and
   C. the written authorization is submitted to the City.

"I certify under penalty of 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 who manage the system, or those 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."

I further certify that I qualify for signatory authority, as set forth in 40 CFR 403.12(l), based on the above criteria:

Check one: ☐ 1(A) ☐ 1(B) ☐ (2) ☐ (3) ☐ 4

Signature _____ Title _____

Print Name _____ Date _____

If you wish to delegate signatory authority to a qualified representative, complete a Delegation of Signatory Authority form.

ATTACHMENT A

Since June 26, 1978, the Environmental Protection Agency (EPA) has developed regulations for pretreatment of industrial wastes discharged to publicly owned treatment works as required by the Clean Water Act. The following categories are currently regulated; however, the EPA may add or delete categories in the future.

1. **Aluminum Forming (40 CFR 467)**: The deformation of aluminum or aluminum alloys into specific shapes by hot or cold working such as rolling, extrusion, forging, and drawing, plus associated aluminum casting operations including heat treatment, casting and surface treatments.
2. **Battery Manufacturing (40 CFR 461)**: The production of modular electric power sources where all or part of the fuel is contained within the unit and electric power is generated directly from a chemical reaction rather than indirectly through a heat cycle engine.
3. **Carbon Black Manufacturing (40 CFR 458)**: The manufacture of carbon black by the furnace, thermal, channel or lamp processes.
4. **Coil Coating (40 CFR 465)**: The sequence of steps or operations which clean, surface or conversion coat, and apply an organic (paint) coating to a long thin strip or coil of metal.
5. **Can Making (40 CFR 465)**: The process or processes used to manufacture a can from a base metal, including aluminum and steel (seamless cans only).
6. **Copper Forming (40 CFR 468)**: The manufacture of formed copper and copper alloy products by hot rolling, cold rolling, drawing, extrusion, and forging, plus ancillary operations which include surface treatment (pickling, tumbling, burnishing, alkaline cleaning, and surface milling), heat treatment, hydrotesting, sawing, and surface coating with molten metal.
7. **Electrical and Electronic Components (40 CFR 469)**: The manufacture of semiconductors, electronic crystals, cathode ray tubes, and luminescent materials.
8. **Electroplating (40 CFR 413)**: The manufacturing of printed circuit boards or any of the following operations: electroplating, anodizing, conversion coating, electroless plating, chemical etching and milling.
9. **Fertilizer Manufacturing (40 CFR 418)**: The manufacture of sulfuric acid, ammonia, urea, ammonium nitrate, nitric acid, ammonium sulfate, and mixed and blend fertilizers.
10. **Glass Manufacturing (40 CFR 426)**: The manufacture of fiberglass insulation, sheet glass, rolled glass, plate glass, float glass, automotive glass, glass containers, glass tubing, television picture tubes, incandescent lamp envelopes, and hand pressed and blown glass.
11. **Ink Formulating (40 CFR 447)**: The formulation of oil-base ink where the tank washing system uses solvents.
12. **Inorganic Chemicals Manufacturing (40 CFR 415)**: The manufacture of basic inorganic chemicals including alkalies and chlorine, industrial gases, and inorganic pigments.
13. **Iron and Steel (40 CFR 420):** Basic steel manufacturing operations.
14. **Leather Tanning and Finishing (40 CFR 425)**: The tanning, currying, and finishing of hides and skins into leather.
15. **Metal Finishing (40 CFR 433)**: This category has six core processes which include: electroplating, anodizing, conversion coating, electroless plating, chemical etching and milling, and the manufacturing of printed circuit boards. If one of these operations is present, then the discharge from the following associated operations is also regulated: cleaning, machining, grinding, polishing, tumbling, burnishing, impact deformation, pressure deformation, shearing, heat treating, thermal cutting, welding, brazing, soldering, flame spraying, sand blasting, other abrasive jet machining, electric discharge machining, electrochemical machining, electron beam machining, laser beam machining, plasma arc machining, ultrasonic machining, sintering, laminating, hot dip coating, sputtering, vapor plating, thermal infusion, salt bath descaling, solvent degreasing, paint stripping, painting, electrostatic painting, electropainting, vacuum metalizing, assembly, calibration, testing, and mechanical plating.
16. **Metal Molding and Casting (40 CFR 464)**: The pouring or injection of molten metal into a mold with the cavity of the mold representing, within close tolerances, the dimensions of the final product. This category includes aluminum, copper, ferrous, and zinc casting.
17. **Nonferrous Metals Manufacturing (40 CFR 421)**: The processing of nonferrous ore concentrates (primary) and scrap metals (secondary) to recover and increase the metal purity contained in these materials.
18. **Nonferrous Metals Forming (40 CFR 471)**: The deformation of a metal (other than iron) or metal alloy (other than iron as the major component by weight) into specific shapes by hot or cold rolling, drawing, extruding, forging, swaging, cladding and tube reducing, and ancillary operations which include casting, heat treatment, surface treatment, alkaline cleaning, solvent degreasing, product testing, surface coating, sawing, grinding, tumbling, burnishing, and wet air pollution control.
19. **Organic Chemicals, Plastics, and Synthetic Fibers (40 CFR 414)**: The manufacture of organic chemicals, plastics, or synthetic fibers. Companies which simply formulate or package these materials are excluded.
20. **Paint Formulating (40 CFR 446)**: The formulation of oil-base paint where tank cleaning is performed using solvents.
21. **Paving and Roofing Materials (40 CFR 443)**: Production of asphalt paving and roofing emulsions, asphalt concrete, asphalt roofing materials, and linoleum and asphalt felt floor coverings.
22. **Pesticide Formulating, Packaging, and Repackaging (40 CFR 455)**: The formulation, packaging or repackaging (PFPR) of active pesticide ingredients at pesticide manufacturing facilities and at standalone PFPR facilities.
23. **Petroleum Refining (40 CFR 419)**: Production of gasoline, kerosene, distillate fuel oils, residual fuel oils and lubricants,

through fractionation or straight distillation of crude oil, redistillation of unfinished petroleum derivatives, cracking or other processes.

24. **Pharmaceutical Manufacturing (40 CFR 439)**: Pharmaceutical manufacturing by fermentation, extraction, chemical synthesis, mixing/compounding and formulation.
25. **Porcelain Enameling (40 CFR 466)**: That sequence or combination of steps or operations which prepare the metal surface and apply a porcelain or fused silicate coating to the metal basis material.
26. **Pulp, Paper, and Paperboard and the Builders' Paper and Board Mills (40 CFR 430 and 431)**: Pulp mills, paper mills, paperboard mills, and building paper and building board mills.
27. **Rubber Manufacturing (40 CFR 428)**: The molding, extruding, or fabrication of rubber products (including latex) and the reclamation of rubber.
28. **Soap and Detergent Manufacturing (40 CFR 417)**: Blending or packaging liquid detergents or manufacture of dry detergents by spray drying, drum drying, or dry blending.
29. **Steam Electric Power Generation (40 CFR 423)**: The generation of electricity for distribution and sale using either fossil-type fuel (coal, oil, or gas) or nuclear fuel in conjunction with a thermal cycle that has a steam/water thermodynamic medium.
30. **Textile Mills (40 CFR 410)**: The fiber preparation and manufacturing/processing parts of the textile industry.
31. **Timber Products (40 CFR 429)**: Manufacturing plants whose primary raw material is wood and whose products range from finished products to hardboard and preserved wood.