



INDUSTRIAL USER SURVEY AND WASTEWATER DISCHARGE APPLICATION

Pursuant to Local, State and Federal law, all persons who are users or may become users of the collection system and Wastewater Treatment Facility are subject to regulation. These regulations apply National Pretreatment Standards to protect the waters of the United States. The industrial user survey allows the City of Merced to maintain these standards with local users. Some of the objectives of these regulations are:

- To prevent the introduction of pollutants into the Collection System which will interfere with the operation of the Wastewater Treatment Facility or contaminate the resulting sludge generated;
To prevent the introduction of pollutants into the Collection System which will pass through the system, inadequately treated, into any waters of the State or otherwise be incompatible with the Wastewater Treatment Facility; and
To provide for the regulation of direct and indirect discharges to the Collection System and Wastewater Treatment Facility, through the issuance of permits to certain nondomestic Users and through enforcement of general requirements for the other Users; authorizes monitoring and enforcement activities, requires User reporting and provides for the setting of fees for the equitable distribution of costs.

1. COMPANY BUSINESS NAME:
Site Location: Phone: ( )
City: State: Zip:
Mailing Address:
City: State: Zip:

2. CHIEF EXECUTIVE OFFICER
Name: Title:
Mailing Address: Phone: ( )
City: State: Zip:

3. PERSON ON SITE (Authorized to Represent this Firm in Official Dealings with the City)
Name: Title:

4. TYPE OF APPLICATION & WASTEWATER SURVEY
[ ] Renewal for existing facility
[ ] Revision for change in discharge or facilities modification
[ ] New facility
[ ] Change in ownership

## 5. GENERAL INSTRUCTIONS

- a. All terms used herein are as defined in the Merced Municipal Code, Title 15.
- b. All persons receiving an Industrial User Survey form are to answer all questions true, accurate and complete.
- c. If water is used in such manner as to produce possible industrial or commercial wastes as indicated by positive answers to any of the Questions 9. a) 4., through 8., you may be required to furnish additional information.
- d. Where industrial or commercial wastes are discharged, a Wastewater Discharge Permit may be issued to the User (or rejected) subject to the requirements of Federal, State and local regulations.
- e. All information and data obtained from this industrial user survey shall be available to the public or other governmental agencies without restrictions unless the owner specifically requests and is able to demonstrate to the satisfaction of the city that the release of such information would divulge information, which would be detrimental to the owner's competitive position.
- f. Submit the completed Application/Survey and attachments to:

City of Merced  
Water Quality Control Division  
1776 Grogan Avenue  
Merced, California 95341

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## 6. GENERAL PERMIT CONDITIONS

- a. A Permit issued in response to this Application/Survey is subject to all applicable provisions of the Merced Municipal Code, NPDES No. CA 0079219 for the operation of the City of Merced Wastewater Treatment Facility and all applicable State and Federal Regulations.
- b. A Permit issued in response to this Application/Survey is required for construction and operation of any industrial or commercial wastewater pretreatment facilities and/or continued operation of existing wastewater pretreatment facilities.
- c. This Application/Survey, a Permit issued in response to this Application/Survey and all reports or information submitted pursuant to the requirements of such Permit must be signed and certified by an authorized representative of the User.
- d. The provisions of a Permit issued in response to this Application/Survey are severable and, if any provision of such Permit or the Application/Survey of any provision of such Permit to any circumstances is held invalid, the Application/Survey of such provision to other circumstances and the remainder of such Permit shall not be affected thereby.
- e. It is the responsibility of each Industrial or Commercial User to insure that all sludges generated by the User of a Permit issued in response to this Application/Survey, are managed under applicable sludge management requirements specified in all applicable State and Federal regulations.
- f. Notice is hereby given that any and all significant violations of provisions of the Merced Municipal Code by the User of a Permit issued in response to this Application/Survey or any other Users of the Collection System and a list of resulting enforcement actions taken by the City of Merced will be published each year in the local newspaper.

**7. INDUSTRIAL CATEGORY**

If your facility employs processes in any of the industrial categories or business activities listed below, place a check beside the category or business activity. (Check all that apply.)

a. Industrial Categories

- |  |  |
|--|--|
| (1) <input type="checkbox"/> Aluminum Forming                  | (27) <input type="checkbox"/> Metal Finishing  |
| (2) <input type="checkbox"/> Asphalt Manufacturing             | (28) <input type="checkbox"/> Metal Molding and Casting                                  |
| (3) <input type="checkbox"/> Battery Manufacturing             | (29) <input type="checkbox"/> Mineral and Ore Processing                                 |
| (4) <input type="checkbox"/> Beverage Bottling                 | (30) <input type="checkbox"/> Nonferrous Metal, Form & Powders                           |
| (5) <input type="checkbox"/> Canning Foods                     | (31) <input type="checkbox"/> Nonferrous Metals Manufacturing                            |
| (6) <input type="checkbox"/> Carbon Black Manufacturing        | (32) <input type="checkbox"/> OCPSF, Organic Chemicals, Plastics, & Synthetic Fiber Mfg. |
| (7) <input type="checkbox"/> Cement Manufacturing              | (33) <input type="checkbox"/> Oil & Gas Extraction                                       |
| (8) <input type="checkbox"/> Coil Coating                      | (34) <input type="checkbox"/> Paint Formulating  |
| (9) <input type="checkbox"/> Copper Forming                    | (35) <input type="checkbox"/> Roofing Materials Manufacturing                            |
| (10) <input type="checkbox"/> Dairy Products Processing        | (36) <input type="checkbox"/> Pesticide Manufacturing                                    |
| (11) <input type="checkbox"/> Electronic Components Mfg.       | (37) <input type="checkbox"/> Petroleum Refining   |
| (12) <input type="checkbox"/> Electroplating                   | (38) <input type="checkbox"/> Pharmaceutical Manufacturing                               |
| (13) <input type="checkbox"/> Explosives Manufacturing         | (39) <input type="checkbox"/> Phosphate Manufacturing                                    |
| (14) <input type="checkbox"/> Feedlots                         | (40) <input type="checkbox"/> Photographic Developing                                    |
| (15) <input type="checkbox"/> Ferro Alloy Manufacturing        | (41) <input type="checkbox"/> Plastic Injection Molding and Forming                      |
| (16) <input type="checkbox"/> Fertilizer Manufacturing         | (42) <input type="checkbox"/> Porcelain Enameling  |
| (17) <input type="checkbox"/> Foundries: Metal Mold & Casting  | (43) <input type="checkbox"/> Printing and Publishing                                    |
| (18) <input type="checkbox"/> Glass Manufacturing              | (44) <input type="checkbox"/> Rendering  |
| (19) <input type="checkbox"/> Grain Mills                      | (45) <input type="checkbox"/> Rubber Manufacturing                                       |
| (20) <input type="checkbox"/> Gum & Wood Chemicals Mfg.        | (46) <input type="checkbox"/> Soap & Detergent Manufacturing                             |
| (21) <input type="checkbox"/> Ink Formulating                  | (47) <input type="checkbox"/> Textile Mills  |
| (22) <input type="checkbox"/> Inorganic Chemical Manufacturing | (48) <input type="checkbox"/> Timber products processing                                 |
| (23) <input type="checkbox"/> Laundry                          | (49) <input type="checkbox"/> <b>Service</b>   |
| (24) <input type="checkbox"/> Leather Tanning & Finishing      | (50) <input type="checkbox"/> <b>Other</b>   |
| (25) <input type="checkbox"/> Meat Processing                  |  |
| (26) <input type="checkbox"/> Medical Care Operations          |  |

b. Provide a brief narrative description of the manufacturing, production or service activities your firm performs.

Number	Description of Activities

c. Indicate Standard Industrial Classification Number(s) [SIC Code(s)] for all processes (if more than one applies, list in descending order of importance.

**7. INDUSTRIAL CATEGORY (Continued)**

d. List chemicals and other materials (both liquid and solid) which are used or stored in containers equal to or greater than 50 gallons. (Attach additional sheets if needed.)

Chemical / Material	Size of Container	# of Containers on Hand

Chemical / Material	Size of Container	# of Containers on Hand

**8. SOURCES OF WATER**

- a) Water Sources Gallons Per Day (GPD)
- 1) City         GPD
  - 2) Onsite Well         GPD
  - 3) Other         GPD         Specify:
- b) Name of Water Authority:         City of Merced
- c) Name of Water Bill Account:
- d) Water Bill Account Number:

**9. SPECIFIC USES OF WATER**

a. Identify the Uses of Incoming Water (Estimate Gallons Per Day, GPD)

Use	Amount (GPD)	Metered
1. Domestic (Restrooms)		<input type="checkbox"/>
2. Boiler make-up		<input type="checkbox"/>
3. Cooling Water, Non-contact		<input type="checkbox"/>
4. Cooling Water, Contact		<input type="checkbox"/>
5. Processing Product		<input type="checkbox"/>
6. Washdown of Plant and/or Equipment		<input type="checkbox"/>
7. Air Pollution Control Unit		<input type="checkbox"/>
8. Other (specify)		<input type="checkbox"/>
9. <b>Total (1) through (8)</b>		

**10. BUSINESS HOURS AND NUMBER OF EMPLOYEES**

a. Days per week that the facility is open for operations: \_\_\_\_\_

b. Number of Employees: \_\_\_\_\_

	1 <sup>st</sup> Shift		2 <sup>nd</sup> Shift		3 <sup>rd</sup> Shift	
Number of Hours						
Average # of Employees						
Start Time						

**11. PROCESS WASTES**

a. Are any liquid wastes, by-products, material residues or sludges from this facility disposed of by a means other than discharging to the City of Merced Collection System?

- Yes (If "yes", please complete Section 11.)  
 No (If "no", skip remainder of Section 11.)

b. These wastes may best be described as:

Generated Wastes	Description	Estimated Gallons or Pounds Per Year Generated
Acids		
Alkalies		
Heavy Metal Sludges		
Inks/Dyes		
Oil and/or Grease		
Organic Compounds		
Paints		
Pesticides		
Settleable Residues		
Solvents		
Other Hazardous Wastes		
By-Products		
Other Wastes		

c. For the above checked wastes, does your company practice?

- On-site Storage  
 Off-site Storage  
 On-site Disposal  
 Off-site Disposal

d. Has an Accidental Discharge Control and Countermeasure Plan been prepared for the facility?

- Yes
- No

e. Briefly describe the method(s) of storage or disposal checked above. Indicate whether landfill, incineration, resource recovery, contract hauling or RCRA regulated practices. Identify contract parties or facilities involved.

**12. PRETREATMENT**

a. Is any water utilized at the facility pretreated before it is discharged to the City Collection System? *(Possible water uses requiring pretreatment are: contaminated cooling water, water used for processing product, equipment facility washdown, air pollution control unit)*

- Yes (If "Yes", please complete Section 12.)
- No (If "No", skip remainder of Section 12.)

b. Indicate all pretreatment devices or processes used for treating wastewater or sludge. (Check all that are utilized.)

- |   |   |
|---|---|
| <input type="checkbox"/> Activated carbon                     | <input type="checkbox"/> Ion Exchange         |
| <input type="checkbox"/> Air stripping                        | <input type="checkbox"/> Microfiltration      |
| <input type="checkbox"/> Centrifuge/ Cyclone Separation       | <input type="checkbox"/> Nanofiltration       |
| <input type="checkbox"/> Chemical Precipitation               | <input type="checkbox"/> Ozonation            |
| <input type="checkbox"/> Chlorination                         | <input type="checkbox"/> pH Neutralization    |
| <input type="checkbox"/> Cyanide Destruction                  | <input type="checkbox"/> Reverse Osmosis      |
| <input type="checkbox"/> Dissolved Air Flootation             | <input type="checkbox"/> Screening            |
| <input type="checkbox"/> Filtration                           | <input type="checkbox"/> Septic Tank          |
| <input type="checkbox"/> Flocculation                         | <input type="checkbox"/> Silver Recovery      |
| <input type="checkbox"/> Flow Equalization                    | <input type="checkbox"/> Solvent Separation   |
| <input type="checkbox"/> Grease or Oil Separation (Petroleum) | <input type="checkbox"/> Biological Treatment |
| <input type="checkbox"/> Grease Trap (Animal/Vegetable)       | <input type="checkbox"/> Ultrafiltration      |
| <input type="checkbox"/> Grit Sedimentation                   | <input type="checkbox"/> Other *              |

\* specify: \_\_\_\_\_

**12. PRETREATMENT (Continued)**

- c. Are major pretreatment operations  batch or  continuous?
- d. If the major pretreatment operations are batch, indicate the average number of batches per 24-hour day.
- e. Is any new or modified pretreatment planned for this facility within the next 5 years?  
 Yes (If "Yes", attach detailed plans and operational descriptions.)  
 No
- f. List raw materials that come in contact with process water.

1) _____	5) _____	9) _____
2) _____	6) _____	10) _____
3) _____	7) _____	11) _____
4) _____	8) _____	12) _____

**13. OPERATIONS EFFECTING PRETREATMENT**

- a. Is operation subject to seasonal variation?  
 Yes  
 No
- b. If "Yes", indicate:
- (1) Seasonal maximum waste flow  gallons per day (GPD) during the months of
- (2) Seasonal minimum waste flow  gallons per day (GPD) during the months of
- c. Does operation shut down for vacation, maintenance, or other reasons?  
 Yes  
 No
- If "Yes" indicate period when shutdown occurs: \_\_\_\_\_
- g. List any water recycling processes in use.

Type of process	Describe

**14. MONITORING**

a. Permits and Wastewater Analyses

(1) List all environmental permits. (i.e.: NPDES, air, storm runoff)

Type of Permit	Permit Number	Expiration Date

(2) Have your wastes been sampled by the City or Merced County Environmental Health Department?

Yes

No

(3) If "Yes", then when was the last date? \_\_\_\_\_

c. If any chemical wastewater analyses have been performed on the wastewater discharge(s) from your facility, attach a copy of the most recent data to this application. Be sure to include the date of the analysis, name of laboratory performing the analysis, and location(s) from which sample(s) were taken (attach sketches, plans, etc., as necessary).

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**15. EXECUTION OF APPLICATION**

Company Name: \_\_\_\_\_

Authorized Signature: \* \_\_\_\_\_

Title: \_\_\_\_\_

Date: \_\_\_\_\_

*\* Authorized signature must correspond to Item 2 or 3 from Page 1 of this Application.*