

CITY OF TAMPA
WASTEWATER DEPARTMENT
INDUSTRIAL WASTEWATER DISCHARGE PERMIT APPLICATION

Submit completed application to:

Industrial Waste Section
Howard F. Curren Advanced Wastewater Treatment Plant
2700 Maritime Blvd.
Tampa, Florida 33605
Phone: (813) 247-3451 ext. 222 or 263

Instructions for Industrial Wastewater Discharge Permit Application

General:

1. Attach additional sheets for any information you report that does not readily fit in the space provided on this form.
2. Answer questions completely and accurately, contact the Industrial Waste Section at (813) 247-3451 ext. 222 or 263 during business hours for assistance with the application.
3. Indicate "None" or "NA" (not applicable) if necessary rather than leaving blanks to better help us understand the activities at your facility.
4. Clearly indicate any information as "planned," "estimated," "typically," "projected," etc., if that information does not represent current or actual activities at the time you date and sign this application.

Section B

3. Use Attachment A or the most current edition of the North American Industrial Classification System (NAICS) manual (available from the Government Printing Office) which may be found at a library. Provide NAICS Code Numbers for all processes and activities at your facility. Attachment A is a partial listing and may not include an appropriate NAICS Code for your facility.
4. Attachment D has an example of a Schematic Flow Diagram as requested by this section.

Section D

5. Attachment D has an example of a Site Plan showing water service, wastewater discharge, and stormwater lines entering and exiting the facility. In the site plan you provide, clearly reference these lines to the textual information given in this application.
12. Equipment and facility washdown includes floor washdown as well.
13. Contact cooling water is cooling water that during the process comes into contact with process materials, thereby becoming contaminated (i.e., not as pure as before the contact took place). Non-contact cooling water has not contacted process materials.
14. Indicate frequency, duration, and gallons of blowdown water per day. Indicate where you dispose of boiler water when a boiler is drained for servicing.
15. Sanitary wastewater only includes water used in restrooms and/or lunchrooms. If sanitary flow is not metered, provide an estimate based on 15 gal/day/employee.
16. List and describe any waste flows returned to the sewer not included in your answers to questions 10 through 15.

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Current Permit # _____

SECTION A. GENERAL INFORMATION

1. Company Name: _____

2. Facility Address: _____

City _____ St _____ Zip _____

3. Mailing Address: _____

City _____ St _____ Zip _____

4. Contact Person/Title: _____

Phone: _____ FAX: _____

5. Owner/Plant Manager: _____

Phone: _____ FAX: _____

6. Contact email address: _____

SECTION B. FACILITY ACTIVITIES

1. Type of Industry: _____

2. North American Industrial Classification System (NAICS) Codes. List NAICS codes for all activities at your facility in descending order of percentage of facility activity, include attachment if more than five NAICS codes. (See Attachment A.)

a. _____ b. _____ c. _____ d. _____ e. _____

3. Give a complete description of manufacturing or service activities at the facility:

4. Schematic Flow Diagram (see Attachment D). For each activity in which wastewater is or will be generated, provide a diagram of the flows of all raw materials, waters, wastewaters, and products from the start of the activity to completion. Label each input, process unit, and output so they may be referenced to the facility activity information provided above and in other parts of this application.

5. Products and Amounts (see Attachment B). You may use a preprinted list you already have available in-house if it provides the necessary information.

6. Raw Materials, Chemicals, and Compounds on site (see Attachment C). You may use a preprinted list you already have available in-house if it provides the necessary information. Provide a diagram of where bulk materials and chemicals are stored on site.

7. If toxic, corrosive, or bulk chemicals are stored or used, do you have a Materials Management and Secondary Containment Program? _____ (if yes, please attach)

8. Is Hazardous Waste (per 40 CFR 261) generated? _____ (y/n) Are non-hazardous substances generated? _____ (y/n)

a. If yes, what? _____

b. Where is it stored? _____

c. Where is it disposed of? _____

d. Who disposes of it? _____

9. Do you currently have hazardous or nonhazardous substances analyzed? _____ (y/n)

10. Are there seasonal variations of activities at this facility? _____ (y/n)

11. Which months are typically considered:

On Season: _____ Off Season: _____

On season: days of operation: S M T W R F S Hours of operation: _____

Production employees: _____ Total # employees: _____

Off season: days of operation: S M T W R F S Hours of operation: _____

Production employees: _____ Total # employees: _____

12. Are any process changes or expansions planned during the next three years that could alter wastewater volumes or characteristics? Consider production processes as well as air or water pollution treatment processes that may affect the discharge.

SECTION C. WATER PROFILE

1. Water sources / usage (indicate gpd or 100ft³) C = City/County SW = Surface Water W = Well O = Other

Current: C _____ SW _____ W _____ O _____

2. Water meters (indicate if a charge {cg} or a credit {cd} meter)
Size Type Utilities account # (utility name) cg/cd

- a. _____
- b. _____
- c. _____

SECTION D. TYPES OF WASTEWATER / QUANTITIES

1. Estimated portion of the waters from Section C to be returned to the sanitary sewers:

Current: C _____ SW _____ W _____ O _____

Future: C _____ SW _____ W _____ O _____

2. Is wastewater metered? _____ (y/n)

3. Discharge meters:
Size Type Utilities account # (utility name) cg/cd

- a. _____
- b. _____
- c. _____

4. If this is an existing facility, where are wastewaters currently discharged?

_____ Sewer (utility name) : _____)

_____ Septic tank

_____ Ditch, creek, other surface water body

Permitting Authority _____

Permit number _____

_____ Removed by a waste hauler

Company name _____

Contact name & phone _____

_____ Other, explain _____

5. Describe all current and proposed discharge lines exiting facility: (provide a site plan with discharge lines referenced to list below, see Attachment D).

<u>Line Size</u>	<u>Location of Discharge Line (from bldg or property)</u>	<u>Average Flow(gpd)</u>
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

6. Indicate any equipment or processes used to pretreat wastewaters prior to discharge from your facility. (indicate current - C, or planned - P):

- _____ Air flotation
- _____ Biological treatment, type: _____
- _____ Centrifuge
- _____ Chemical coagulation or precipitation
- _____ Chlorination
- _____ Filtration, type: _____
- _____ Flow equalization
- _____ Grease trap or interceptor
- _____ Grinding pump
- _____ Grit removal
- _____ Ion exchange
- _____ Neutralization, pH correction
- _____ Oil separation, type: _____
- _____ Ozonation
- _____ Reverse osmosis
- _____ Screening
- _____ Sedimentation
- _____ Solvent separation
- _____ Other chemical treatment, type: _____
- _____ Other physical treatment, type: _____
- _____ Other, type: _____

7. Describe processes indicated above (indicate current or planned): _____

8. Describe any water recycling, reuse, waste minimization or material reclaiming processes utilized:

9. Do you have any current analytical data representative of the type of wastewater you will be discharging? _____ (y/n)
If yes, please attach a copy of the most recent analysis. (Provide lab name & phone #)

10. Indicate estimated quantities and hours of the day wastewater will be discharged:

Process: _____

11. Process Discharge will be (percent) Batch: _____ Continuous: _____

12. Equipment and Facility washdown: _____

13. Cooling water: _____ (Contact or Non-contact)

14. Boiler water: _____

Boiler water disposal: _____

15. Sanitary: _____

16. Other: _____

17. Peak hourly discharge flow: _____ gpd

18. Maximum daily discharge flow: _____ gpd

19. Annual daily average: _____ gpd

20. If batch discharges will occur, indicate:

a. Number of batch discharges per day _____

b. Average discharge per batch _____ gals _____ gpm (discharge flow rate)

c. Times of batch discharges days of week time of day (if random 'X' here _____)

_____	_____
_____	_____
_____	_____

d. Batch discharges will be _____ % of total facility discharge

SECTION E. CATEGORICAL FACILITIES

1. Please identify any of the pretreatment categories listed below that are known to be applicable, or will be applicable, to this facility. If none of these categories are applicable to the facility, initial here: _____ .

- 40 CFR Part 467 - Aluminum Forming
- 40 CFR Part 427 - Asbestos Manufacturing
- 40 CFR Part 461 - Battery Manufacturing
- 40 CFR Part 431 - Builders Paper and Board Mills
- 40 CFR Part 407 - Canned and Preserved Fruits And Vegetables Processing
- 40 CFR Part 408 - Canned and Preserved Seafood Processing
- 40 CFR Part 458 - Carbon Black
- 40 CFR Part 411 - Cement Manufacturing
- 40 CFR Part 437 - Centralized Waste Treatment
- 40 CFR Part 434 - Coal Mining
- 40 CFR Part 465 - Coil Coating
- 40 CFR Part 468 - Copper Forming
- 40 CFR Part 405 - Dairy Products
- 40 CFR Part 469 - Electric or Electronic Component Manufacturing
- 40 CFR Part 413 - Electroplating
- 40 CFR Part 457 - Explosives Manufacturing
- 40 CFR Part 412 - Feedlots
- 40 CFR Part 424 - Ferroalloy Manufacturing
- 40 CFR Part 418 - Fertilizer Manufacturing
- 40 CFR Part 426 - Glass Manufacturing
- 40 CFR Part 406 - Grain Mills
- 40 CFR Part 454 - Gum and Wood Chemicals
- 40 CFR Part 460 - Hospitals
- 40 CFR Part 447 - Ink Formulating
- 40 CFR Part 415 - Inorganic Chemicals
- 40 CFR Part 420 - Iron and Steel
- 40 CFR Part 425 - Leather Tanning or Finishing
- 40 CFR Part 432 - Meat Products
- 40 CFR Part 464 - Metal Casting or Molding
- 40 CFR Part 433 - Metal Finishing
- 40 CFR Part 436 - Mineral Mining and Processing
- 40 CFR Part 471 - Nonferrous Metals Forming & Metal Powders
- 40 CFR Part 421 - Nonferrous Metals Manufacturing
- 40 CFR Part 435 - Oil and Gas Extraction
- 40 CFR Part 440 - Ore mining and Dressing
- 40 CFR Part 414 - Organic Chemicals Manufacturing
- 40 CFR Part 446 - Paint Formulating
- 40 CFR Part 443 - Paving or Roofing Materials
- 40 CFR Part 455 - Pesticide Chemicals
- 40 CFR Part 419 - Petroleum Refining
- 40 CFR Part 439 - Pharmaceutical
- 40 CFR Part 422 - Phosphate Manufacturing
- 40 CFR Part 459 - Photographic Processing (includes Micrographics)
- 40 CFR Part 463 - Plastics Molding and Forming
- 40 CFR Part 466 - Porcelain Enamel
- 40 CFR Part 430 - Pulp, Paper, Paperboard
- 40 CFR Part 428 - Rubber
- 40 CFR Part 417 - Soap or Detergent Manufacturing
- 40 CFR Part 423 - Steam Electric
- 40 CFR Part 409 - Sugar Processing
- 40 CFR Part 410 - Textile Mills
- 40 CFR Part 429 - Timber Products
- 40 CFR Part 442 - Transportation Equipment Cleaning

If none of the pretreatment categories are applicable at this facility, you do not need to complete the rest of this section.

For facilities subject to Categorical Pretreatment Standards: Provide the wastewater discharge flows, with schematic reference number (Section B. - #4), for each of your processes or proposed processes.

2. Regulated Wastewater Streams

<u>No.</u>	<u>Regulated Process</u> (40 CFR Subpart)	<u>Average Flow(gpd)</u>	<u>Maximum Flow(gpd)</u>	<u>Type of Discharge</u> (batch, continuous, none)

3. Non - Regulated Wastewater Streams

<u>No.</u>	<u>Unregulated Process</u>	<u>Average Flow(gpd)</u>	<u>Maximum Flow(gpd)</u>	<u>Type of Discharge</u> (batch, continuous, none)

4. Dilution Streams

<u>No.</u>	<u>Description of Dilution</u>	<u>Average Flow(gpd)</u>	<u>Maximum Flow(gpd)</u>	<u>Type of Discharge</u> (batch, continuous, none)

5. Has a baseline monitoring report (BMR) been submitted to the City of Tampa Industrial Waste Section?
_____ (y/n)

6. Facilities subject to Total Toxic Organic (TTO) standards provide the following information: (All electroplaters, metal finishers, and printed circuit board manufacturers must complete this section.)

a. Are any of the toxic organics regulated in the applicable pretreatment standards on hand at the facility?
_____ (y/n)

b. Has a baseline monitoring report (BMR) been submitted to the City of Tampa Industrial Waste Section that includes TTO information?
_____ (y/n)

c. Has a toxic organics management plan (TOMP) been submitted to the City of Tampa Industrial Waste Section?
_____ (y/n)

d. Does the facility intend to submit the TTO certification alternative semi-annually to the City of Tampa Industrial Waste Section in lieu of monitoring for TTO?
_____ (y/n)

SECTION F. SIGNATORY REQUIREMENTS

This application must be signed by a duly authorized representative of the user:

1. If the user is a corporation:

(a) The president, secretary, treasurer, or a 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 providing the manager is authorized to make management decisions that 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 individual wastewater discharge permit requirements; and where authority to sign documents has been assigned or delegated to the manager in accordance with corporate procedures.

2. If the user is a partnership or sole proprietorship: a general partner or proprietor, respectively.

3. If the user is a Federal, State, or local government facility: a director or highest official appointed or designated to oversee the operations and performance of the activities of the government facility, or their designee.

4. The individuals described in paragraphs 1 through 3, above, may designate a duly authorized representative if the authorization is in writing, the authorization specifies the individual or position responsible for the overall operation of the facility from which the discharge originates or having overall responsibility for environmental matters for the company, and 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."

By _____
(signature) (date)

Name _____
(typed)

Title _____

***(If the signer is a designate as described in paragraph 4, above, written authorization from the users' duly authorized representative specifying the designate and the designate's position must be submitted with the application.)

Attachment A North American Industrial Classification System Codes – Partial Listing

For additional information visit the Census Bureau Web Site below.

<http://www.census.gov/epcd/www/naics.html>

1100	Agriculture, Forestry, Fishing and Hunting		
1110	Crop Production	3254	Pharmaceutical and Medicine Manufacturing
1120	Animal Production		Paint, Coating, and Adhesive
1125	Aquaculture	3255	Manufacturing
1140	Fishing, Hunting and Trapping		Soap, Cleaning Compound, and Toilet
	Mining, Quarrying, and Oil and Gas Extraction	3256	Preparation Manufacturing
2100	Gas Extraction		Other Chemical Product and Preparation
2110	Oil and Gas Extraction	3259	Manufacturing
2122	Metal Ore Mining		Plastics and Rubber Products
	Nonmetallic Mineral Mining and	3260	Manufacturing
2123	Quarrying		Nonmetallic Mineral Product
2200	Utilities	3270	Manufacturing
	Electric Power Generation, Transmission	3272	Glass and Glass Product Manufacturing
2211	and Distribution		Cement and Concrete Product
2212	Natural Gas Distribution	3273	Manufacturing
2213	Water, Sewage and Other Systems	3274	Lime and Gypsum Product Manufacturing
2300	Construction	3310	Primary Metal Manufacturing
2361	Residential Building Construction		Alumina and Aluminum Production and
2362	Nonresidential Building Construction	3313	Processing
2371	Utility System Construction		Nonferrous Metal (except Aluminum)
3100-	Manufacturing	3314	Production and Processing
3300		3315	Foundries
3110	Food Manufacturing	3320	Fabricated Metal Product Manufacturing
	Fruit and Vegetable Preserving and		Architectural and Structural Metals
3114	Specialty Food Manufacturing	3323	Manufacturing
3115	Dairy Product Manufacturing	3325	Hardware Manufacturing
3116	Animal Slaughtering and Processing		Coating, Engraving, Heat Treating, and
	Seafood Product Preparation and	3328	Allied Activities
3117	Packaging		Other Fabricated Metal Product
3118	Bakeries and Tortilla Manufacturing	3329	Manufacturing
3119	Other Food Manufacturing		Agriculture, Construction, and Mining
	Beverage and Tobacco Product	3331	Machinery Manufacturing
3120	Manufacturing		Computer and Peripheral Equipment
3121	Beverage Manufacturing	3341	Manufacturing
3150	Apparel Manufacturing		Communications Equipment
3161	Leather and Hide Tanning and Finishing	3342	Manufacturing
3162	Footwear Manufacturing		Semiconductor and Other Electronic
3210	Wood Product Manufacturing	3344	Component Manufacturing
3221	Pulp, Paper, and Paperboard Mills		Navigational, Measuring, Electromedical,
3231	Printing and Related Support Activities	3345	and Control Instruments Manufacturing
	Petroleum and Coal Products		Electric Lighting Equipment
3240	Manufacturing	3351	Manufacturing
3250	Chemical Manufacturing	3352	Household Appliance Manufacturing
	Resin, Synthetic Rubber, and Artificial	3353	Electrical Equipment Manufacturing
	Synthetic Fibers and Filaments	3363	Motor Vehicle Parts Manufacturing
3252	Manufacturing		Aerospace Product and Parts
	Pesticide, Fertilizer, and Other	3364	Manufacturing
3253	Agricultural Chemical Manufacturing	3365	Railroad Rolling Stock Manufacturing
		3366	Ship and Boat Building
			Household and Institutional Furniture and
		3371	Kitchen Cabinet Manufacturing

3399 Other Miscellaneous Manufacturing

4200 Wholesale Trade

4230 Merchant Wholesalers, Durable Goods

4240 Merchant Wholesalers, Nondurable Goods
Paper and Paper Product Merchant

4241 Wholesalers
Grocery and Related Product Merchant

4244 Wholesalers
Farm Product Raw Material Merchant

4245 Wholesalers
Chemical and Allied Products Merchant

4246 Wholesalers
Petroleum and Petroleum Products

4247 Merchant Wholesalers
Miscellaneous Nondurable Goods

4249 Merchant Wholesalers

4400- Retail Trade

4500

4410 Motor Vehicle and Parts Dealers
Building Material and Garden Equipment
and Supplies Dealers

4440 and Supplies Dealers

4450 Food and Beverage Stores

4451 Grocery Stores

4452 Specialty Food Stores

4461 Health and Personal Care Stores

4471 Gasoline Stations

4530 Miscellaneous Store Retailers

4800- Transportation and Warehousing

4900

4810 Air Transportation

4820 Rail Transportation

4830 Water Transportation

4841 General Freight Trucking

4842 Specialized Freight Trucking

4854 School and Employee Bus Transportation

4855 Charter Bus Industry

4860 Pipeline Transportation

4880 Support Activities for Transportation

4881 Support Activities for Air Transportation

4931 Warehousing and Storage

5100 Information

5110 Publishing Industries (except Internet)
Newspaper, Periodical, Book, and

5111 Directory Publishers

5112 Software Publishers
Motion Picture and Sound Recording

5120 Industries

5121 Motion Picture and Video Industries

5200 Finance and Insurance

5210 Monetary Authorities-Central Bank

5300 Leasing
Automotive Equipment Rental and
Leasing

5321 Leasing

**5400 Professional, Scientific, and
Technical Services**
Scientific Research and Development
Services

5417 Services

5419 Other Professional, Scientific, and
Technical Services

**Administrative and Support and
Waste Management and
Remediation Services**

5600 Remediation Services
Waste Management and Remediation
Services

5620 Services

5621 Waste Collection

5622 Waste Treatment and Disposal
Remediation and Other Waste
Management Services

5629 Management Services

**Health Care and Social
Assistance**

6200 Assistance

6212 Offices of Dentists

6213 Offices of Other Health Practitioners

6214 Outpatient Care Centers

6215 Medical and Diagnostic Laboratories

6221 General Medical and Surgical Hospitals

**Arts, Entertainment, and
Recreation**

7100 Recreation
Amusement, Gambling, and Recreation
Industries

7130 Industries

7131 Amusement Parks and Arcades

7132 Gambling Industries
Other Amusement and Recreation
Industries

7139 Industries

**Accommodation and Food
Services**

7200 Services
RV (Recreational Vehicle) Parks and
Recreational Camps

7212 Recreational Camps

7220 Food Services and Drinking Places

**Other Services (except Public
Administration)**

8100 Administration)

8111 Automotive Repair and Maintenance

8120 Personal and Laundry Services

8123 Drycleaning and Laundry Services

For additional information visit the Census Bureau Web Site below.

<http://www.census.gov/epcd/www/naics.html>

Figure 1. Schematic Flow Diagram

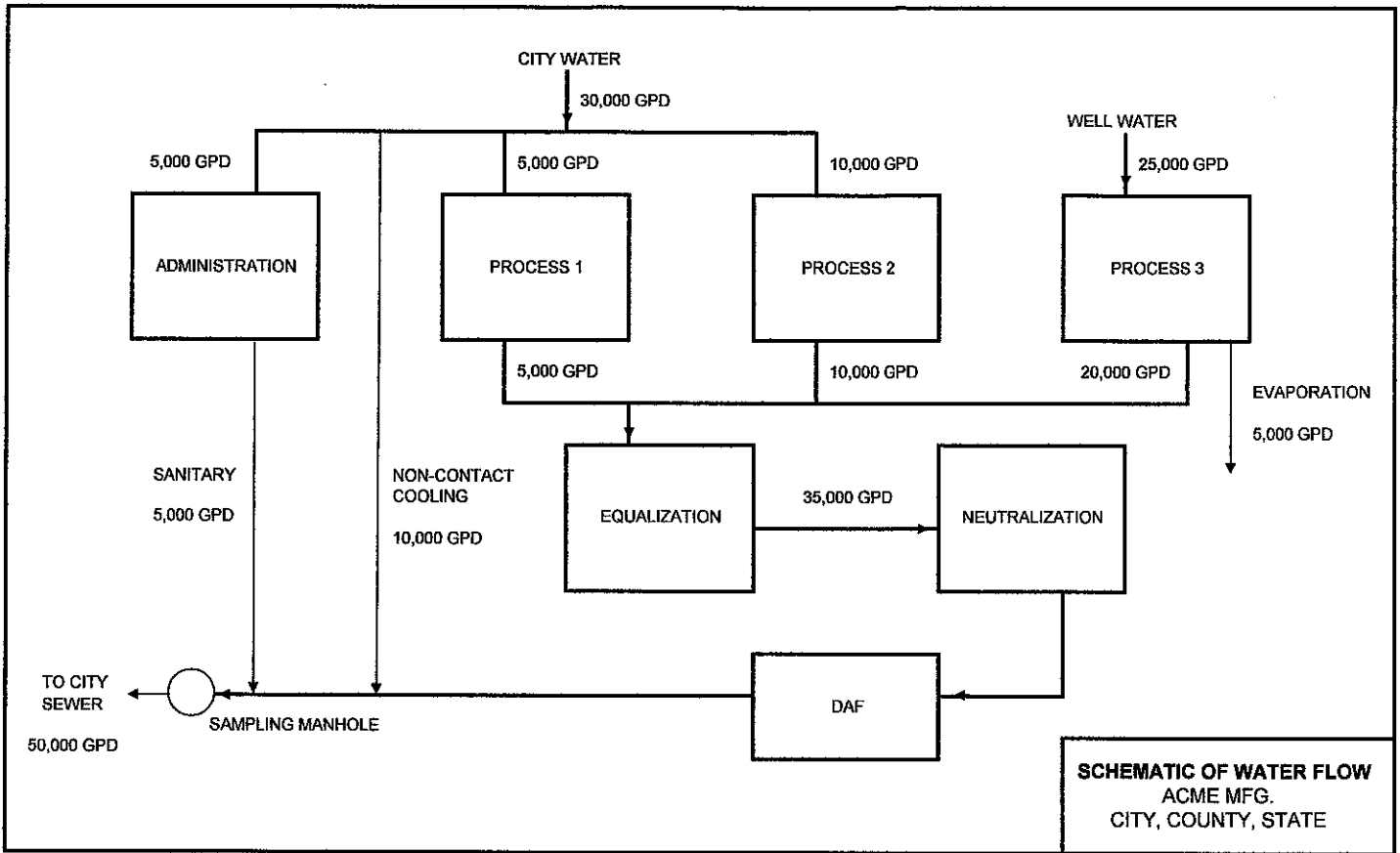


Figure 2. Site Plan

