

**CITY OF ST. PETERSBURG  
INDUSTRIAL PRETREATMENT PROGRAM**

**NON-RESIDENTIAL WASTEWATER SURVEY QUESTIONNAIRE**

**Section A. General Information**

1. Company Name \_\_\_\_\_
2. Mailing Address \_\_\_\_\_ Zip Code \_\_\_\_\_
3. Premise Address \_\_\_\_\_ Zip Code \_\_\_\_\_
4. Name, title, and telephone number of person authorized to represent this firm in official dealings with the Director, Public Utilities Department, City of St. Petersburg.  
Name \_\_\_\_\_  
Title \_\_\_\_\_ Telephone \_\_\_\_\_
5. Alternate person to contact concerning information provided herein.  
Name \_\_\_\_\_  
Title \_\_\_\_\_ Telephone \_\_\_\_\_
6. Identify the type of business conducted (auto repair, machine shop, electroplating, warehousing, painting, printing, meat packing, food processing, etc.)  
\_\_\_\_\_  
\_\_\_\_\_  
Sic Code(s) \_\_\_\_\_

*This is to be signed by an authorized official of your firm after adequate completion of this form and review of information by the signing official.*

I have personally examined and am familiar with the information submitted in this document and attachments. Based upon my inquiry of those individuals immediately responsible for the information reported herein, I believe that the submitted information is true, accurate and complete. I am aware there are penalties for submitting false information.

Date \_\_\_\_\_

\_\_\_\_\_  
Signature of Official, (Seal, if Applicable)

*Note to Signing Official: Information provided in this questionnaire shall be available to the public without restriction.*

**Section B. Product or Service Information**

Provide brief narrative description of manufacturing of service activity at premise address:

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**Section C. Plant Operation Characteristics**

1. Are major processes: Batch or continuous  
% Batch \_\_\_\_\_ % Continuous \_\_\_\_\_  
Average number batches per 24 hour day: \_\_\_\_\_ per year \_\_\_\_\_
2. Shift Information:
  - a. Number shifts per work day \_\_\_\_\_
  - b. Number work days per week \_\_\_\_\_
  - c. Average number of employees per shift  
1st \_\_\_\_\_ 2nd \_\_\_\_\_ 3rd \_\_\_\_\_ Total \_\_\_\_\_
  - d. Shift start times:  
1st \_\_\_\_\_ 2nd \_\_\_\_\_ 3rd \_\_\_\_\_

**Section D. Water Consumption and Loss**

1. Raw water source (City, County, Other, explain) \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
2. List past twelve months' water usage from water bills  
\_\_\_\_\_ gallons, from \_\_\_\_\_, 19 \_\_\_\_\_  
through \_\_\_\_\_, 19 \_\_\_\_\_
3. List average volume of discharge or water loss to:  

	<u>Average gal./day</u>
a. Municipal Sewer	_____
b. Storm Sewer	_____

**Section D. Water Consumption and Loss (cont.)**

- c. Surface Water \_\_\_\_\_
- d. Groundwater \_\_\_\_\_
- e. Waste Haulers \_\_\_\_\_
- f. Evaporation \_\_\_\_\_
- g. Contained in Product \_\_\_\_\_
- h. Other (\_\_\_\_\_) \_\_\_\_\_

4. Are there any batch discharges to the City sanitary sewer?: If yes, indicate the following:

Frequency \_\_\_\_\_  
Volume \_\_\_\_\_  
Chemical Constituents \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

5. Describe any wastewater treatment equipment or process in use:  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

6. Describe any raw water treatment process utilized:  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**Section E. Wastewater Information**

1. If any wastewater analyses have been performed on the wastewater discharge(s) from your facilities, attach a copy of the most recent data to this questionnaire. 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).

2. Does your facility use flow equalization or pH adjustment prior to discharging into the sewer?

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3. Does your facility have any provisions to respond to a chemical spill into the wastewater system?

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4. Does your facility generate any by-products which have associated wastewaters?

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5. Check for the usage of chemical cleaners for equipment washdown. Acids (e.g., muriatic, sulfuric, phosphoric, acetic, etc.), surfactants, caustic soda, soda ash and phosphates are commonly used as cleaners. How are these materials stored and used?

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6. Check the frequency and volume of any boiler blowdown. Check on the usage of additives to the boiler make-up waters. Do the additives contain any metals or priority pollutants?

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7. How does your facility dispose of spent chemical solutions?

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8. How does your facility manage film processors?

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9. Does your facility use a silver recovery unit? Who services it and how often?

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10. Check what types of janitorial cleaners are used. How are they stored?

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11. How many sinks does your facility have and how are they used?

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12. Where is your neutralization tank trap located? (Under the sink or outside underground)

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13. Do you have records of servicing your neutralization tank?

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14. How are solvents used?

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15. Are there any sources of uncontaminated cooling water in the plant? Are there any sources of recirculated or once-through cooling waters? What is the disposal method of the cooling water?

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16. Are cooling towers used? If yes, what are the chemical additives? How frequently are towers blown down? Where does the blowdown go? Are closed systems ever bypassed? Under what circumstances?

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17. How are chemicals stored and what are the eventual destinations?

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18. What are the floor wash down procedures (frequency, water usage, detergents)?

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19. What are the paint cleaning procedures? What is the chemical usage, destination, and storage of paint, thinner other solvents in proximity to floor drains?

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20. Priority Pollutant Information:

Please indicate by placing an "X" beside the compounds found in Table I that you would expect to find in your wastewater discharged to the sewer.



**TABLE I**

**65 TOXIC POLLUTANTS LISTED IN CONSENT DECREE AND  
REFERENCED IN 307(a) OF THE CLEAN WATER ACT OF 1977**

Acenaphthene	Endrin and metabolites
Acrolein	Ethylbenzene
Acrylonitrile	Fluoranthene
Aldrin/Dieldrin	Haloethers
Antimony and compounds	Halomethanes
Arsenic and compounds	Heptachlor and metabolites
Asbestos	Hexachlorobutadiene
Benzene	Hexachlorocyclopentadiene
Benzidine	Hexachlorocyclohexane
Beryllium and compounds	Isophorone
Cadmium and compounds	Lead and compounds
Carbon Tetrachloride	Mercury and compounds
Chlordane	Naphthalene
Chlorinated benzenes	Nickel and compounds
Chlorinated ethanes	Nitrobenzene
Chloralkyl ethers	Nitrophenols
Chlorinated naphthalene	Nitrosamines
Chlorinated phenols	Pentachlorophenol
Chloroform	Phenol
2-chlorophenol	Phthalate esters
Chromium and compounds	Polychlorinated biphenyls (PCB's)
Copper and compounds	Polynuclear aromatic hydrocarbons
Cyanides	Selenium and compounds
DOT and metabolites	Silver and compounds
Dichlorobenzenes	2,3,7,8,-Tetrachlorodibenzo- p-dioxin (TCDD)
Dichlorobenzidine	Tetrachloroethylene
Dichloroethylenes	Thallium and compounds
2, 4-dichlorophenol	Toluene
Dichloropropane & Dichloropropene	Toxaphene
2, 4-dimethylphenol	Trichloroethylene
Dinitrotoluene	Vinyl chloride
Diphenylhydrazine	Zinc and compounds
Endosulfan and metabolites	

**Section F. Wastewater Information**

1. If your facility employs processes in any of the 42 industrial categories or business activities listed below and any of these processes generate wastewater or waste sludge, place a check beside the category or business activity (check all that apply).

**A. 42 Industrial Categories**

- |     |                          |  |
|-----|--------------------------|--|
| 1)  | <input type="checkbox"/> | Aluminum Forming                               |
| 2)  | <input type="checkbox"/> | Asbestos Manufacturing                         |
| 3)  | <input type="checkbox"/> | Battery Manufacturing                          |
| 4)  | <input type="checkbox"/> | Builder's Paper                                |
| 5)  | <input type="checkbox"/> | Carbon Black                                   |
| 6)  | <input type="checkbox"/> | Cement Manufacturing                           |
| 7)  | <input type="checkbox"/> | Coil Coating                                   |
| 8)  | <input type="checkbox"/> | Copper Forming                                 |
| 9)  | <input type="checkbox"/> | Dairy Products Processing                      |
| 10) | <input type="checkbox"/> | Electrical and Electronic Components           |
| 11) | <input type="checkbox"/> | Electroplating                                 |
| 12) | <input type="checkbox"/> | Feedlots                                       |
| 13) | <input type="checkbox"/> | Ferroalloy Manufacturing                       |
| 14) | <input type="checkbox"/> | Fertilizer Manufacturing                       |
| 15) | <input type="checkbox"/> | Fruits and Vegetables Processing Manufacturing |
| 16) | <input type="checkbox"/> | Glass Manufacturing                            |
| 17) | <input type="checkbox"/> | Grain Mills Manufacturing                      |
| 18) | <input type="checkbox"/> | Ink Formulating                                |
| 19) | <input type="checkbox"/> | Inorganic Chemicals                            |
| 20) | <input type="checkbox"/> | Iron and Steel Manufacturing                   |
| 21) | <input type="checkbox"/> | Leather Tanning and Finishing                  |
| 22) | <input type="checkbox"/> | Meat Processing                                |
| 23) | <input type="checkbox"/> | Metal Finishing                                |
| 24) | <input type="checkbox"/> | Metal Molding and Casting                      |
| 25) | <input type="checkbox"/> | Nonferrous Metals Forming                      |
| 26) | <input type="checkbox"/> | Nonferrous Metals Manufacturing                |
| 27) | <input type="checkbox"/> | Paint Formulating                              |
| 28) | <input type="checkbox"/> | Paving and Roofing (Tars and Asphalt)          |
| 29) | <input type="checkbox"/> | Pesticides                                     |
| 30) | <input type="checkbox"/> | Petroleum Refining                             |
| 31) | <input type="checkbox"/> | Pharmaceuticals                                |
| 32) | <input type="checkbox"/> | Phosphate Manufacturing                        |
| 33) | <input type="checkbox"/> | Porcelain Enameling                            |
| 34) | <input type="checkbox"/> | Pulp and Paper                                 |
| 35) | <input type="checkbox"/> | Rubber Processing                              |
| 36) | <input type="checkbox"/> | Seafood Processing                             |
| 37) | <input type="checkbox"/> | Soaps and Detergents Manufacturing             |
| 38) | <input type="checkbox"/> | Steam Electric                                 |
| 39) | <input type="checkbox"/> | Sugar Processing                               |
| 40) | <input type="checkbox"/> | Timber Products Manufacturing                  |
| 41) | <input type="checkbox"/> | Plastics Molding and Forming                   |
| 42) | <input type="checkbox"/> | Textile Mills                                  |



B. Other Business Activity

- Dairy Products
- Slaughter/Meat Packing/Rendering
- Food/Edible Products Processor
- Beverage Bottler
- Radiator Repair
- Hospital/Nursing Home
- Printing/Photography Processing
- Marina/Boat Yard
- Vehicle Repair/Service Station

2. Pretreatment devices or processes used for treating wastewater or sludge (check as many as appropriate).

- Air flotation
- Centrifuge
- Chemical precipitation
- Chlorination
- Cyclone
- Filtration
- Flow Equalization
- Grease or oil separation, type \_\_\_\_\_
- Grease trap
- Grit Removal
- Ion Exchange
- Neutralization, pH correction
- Ozonation
- Reverse Osmosis
- Screen
- Sedimentation
- Septic tank
- Solvent separation
- Silver Recovery
- Spill protection
- Sump
- Biological treatment, type \_\_\_\_\_
- Rainwater diversion or storage \_\_\_\_\_
- Other chemical treatment, type \_\_\_\_\_
- Other physical treatment, type \_\_\_\_\_
- Other, type \_\_\_\_\_
- No pretreatment provided

3. If any wastewater analyses have been performed on the wastewater discharge(s) from your facilities, attach a copy of the most recent data to this questionnaire. 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).

**Section G. Other Wastes**

1. Are any liquid wastes or sludges from this firm disposed of by means other than discharge to the sewer system?

yes  no

If "no", skip remainder of Section G.

If "yes", complete item 2 and 3.

2. These wastes may best be described as:

Estimated Gallons or Pounds/Year

- Acids and Alkalis \_\_\_\_\_
- Heavy Metal Sludges \_\_\_\_\_
- Inks/Dyes \_\_\_\_\_
- Oil and/or Grease \_\_\_\_\_
- Organic Compounds \_\_\_\_\_
- Paints \_\_\_\_\_
- Pesticides \_\_\_\_\_
- Plating Wastes \_\_\_\_\_
- Pretreatment Sludges \_\_\_\_\_
- Solvents/Thinners \_\_\_\_\_
- Other Hazardous Wastes (specify) \_\_\_\_\_
- \_\_\_\_\_
- Other Wastes (specify) \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_

3. For the above checked wastes, does your company practice:

- on-site storage
- off-site storage
- on-site disposal
- off-site disposal

Briefly describe the method(s) of storage or disposal checked above.