

SOUTHWEST LICKING COMMUNITY WATER & SEWER DISTRICT

P.O.Box 215 Etna, Ohio 43018
69 Zellers Lane Pataskala, Ohio 43062
Phone (740)927-0410 Fax (740)927-4700

PRETREATMENT SURVEY QUESTIONNAIRE

General Instructions: Please read these instruction and the questionnaire prior to completing this form. EVERY question should be answered completely. If a question does not apply to this facility, indicate Not Applicable, "N/A". Use the most recent 12-month period as the information data base; if normal operations vary from this time period, note accordingly. Since this questionnaire was developed to cover a broad range, type, and size of commercial/industrial facilities, some questions may not be readily understandable; therefore, selected questions are given clarifying instructions. If you have any questions concerning this form, contact:

Michael A. Frommer, P.E., General Manager
Southwest Licking Community Water and Sewer District
P.O.Box 215
Etna, Ohio 43018
(710) 927-0410

Once completed, sign and return this form.

Specific Instructions:

Section I: General Information

1 - 5 Self Explanatory

Section II: Product or Service Information

1. Waste water is any liquid wastes; sanitary, process, cooling, etc.
2. Standard Industrial Classification (SIC) codes are four (4) digit numbers used to classify business establishments by the type of activity in which they are engaged. It is important to correctly classify the facility. If the SIC codes are not known, give as complete a process description of the manufacturing/ service activity at this facility as possible; SIC codes will be completed upon receipt of the questionnaire. If one (1) product/service is produced but it incorporates several separate identifiable processes, list all appropriate SIC codes in order of importance.
3. Wherever possible, give the chemical constituents of these items; do not use trade names.

Section III: General Water/Wastewater Information

1 - 2 Self Explanatory

STOP! REVIEW THE QUESTIONNAIRE STATEMENT AND CONTINUE AS DIRECTED.

Section IV: Facility Operational Characteristics

1. A batch operation is one conducted in a single lot, while a continuous operation proceeds without interruption.

2 - 7 Self Explanatory

Section V: Water Use Information

1. Indicate the 12-month period covered. "Total Usage" should give the amount of water utilized by the facility in this time

period. SPECIFY UNITS used and calculate the “Daily Average” using the same units.

2. Self Explanatory
3. Be specific when entering this information; if actual volumes are not known, estimate volumes and note accordingly. SPECIFY UNITS.

Section VI: Wastewater Information

- 1 - 2 Self Explanatory
3. Batch wastewaters are generated by a particular process, then totally discharged at one time.
- 4 - 5 Self Explanatory
6. Be specific when entering this information; if actual volumes are not known, estimate volumes and note accordingly. SPECIFY UNITS.
7. Mark the boxes which characterize the facility’s wastewater.
8. Priority pollutants, Table 1, are substances USEPA has determined to be acutely toxic. Indicate whether any of these pollutants are present on-site, used or discharged with the facility’s wastewater; if discharged with the wastewater, follow the general statement at the bottom of the table.

STOP! REVIEW THE QUESTIONNAIRE STATEMENT AND CONTINUE AS DIRECTED.

Section VII: Pretreatment Information

1. Self Explanatory
2. Residuals are solid or liquid substances removed from wastewater via treatment processes prior to discharge to the sanitary sewer.
3. Self Explanatory
4. Baseline monitoring reports are required from specific industries regulated by federal categorical pretreatment standards.

Section VIII: Sewer Connection and Discharge Information

1. Self Explanatory

- b. List of raw materials: _____
- c. List of catalysts / intermediates: _____
- d. List of by-products: _____

III. GENERAL WATER / WASTEWATER INFORMATION

- 1. Does this facility discharge ANY wastewater to the District sanitary sewer? YES NO
- 2. Does this facility have a National Pollutant Discharge Elimination System (NPDES) permit(s)? YES NO

If "yes", list the Permit Number(s): _____ Expiration Date: _____

Does the permitted facility discharge any wastewater not covered by the NPDES permits? YES NO

If "yes", give details: _____

If answers to questions 1 and 2 are "no", describe the methods to dispose of wastewaters and liquid wastes: _____

**IF THE RESPONSE TO QUESTION 1 OF SECTION III IS "NO", COMPLETE SECTIONS I, II, AND III AND RETURN THIS FORM TO THE INDICATED ADDRESS.
 IF THE RESPONSE TO QUESTION 1 IS "YES", COMPLETE THE REST OF THIS FORM.**

IV. FACILITY OPERATIONAL CHARACTERISTICS

- 1. Type of operation: Batch Continuous Both

If "Batch", average number of batches in 24-hours: _____

- 2. Number of days per week of operation: _____

- 3. Number of hours per day of operation: _____

- 4. Shift Information:

	1st	2nd	3rd
Start Time:	_____	_____	_____
Number of Employees:	_____	_____	_____

- 5. Is there a scheduled shutdown? YES NO

If "yes", indicate when: _____

6. Is production seasonal? YES NO

If "yes", indicate periods of maximum production and products: _____

Is expansion planned within the next three (3) years? YES NO

If "yes", indicate: New Products
 Same Products, Additional Capacity
 New Facility

V. WATER USE INFORMATION

1. Enter water use information below, noting yearly time period covered (month / year to month / year):

_____ to _____ and units (gallons, CF, etc.)

SOURCE	CUSTOMER ACCOUNT NUMBER	TOTAL USAGE	DAILY AVERAGE
CITY	_____	_____	_____
WELL	_____	_____	_____
SURFACE	_____	_____	_____
OTHER	_____	_____	_____

2. Does water use vary greatly during the production Year? YES NO
Week? YES NO
Day? YES NO

If "yes", describe periods of maximum and minimum use: _____

3. List water consumption within the facility:

TYPE	ESTIMATED AVERAGE VOLUME (SPECIFY UNITS)
Cooling Water	_____
Boiler Feed	_____
Process Water Contained in Product	_____

Sanitary _____

Other (Specify) _____

TOTAL _____

4. Are corrosion or biological inhibiting chemicals added to facility water systems which are discharged to the sewer?

YES NO If "yes", indicate chemicals: _____

5. Are raw water treatment processes employed? YES NO

If "yes", list processes and method of residue disposal: _____

6. Are any water recycling or material reclaiming processes utilized? YES NO

If "yes", please describe: _____

VI. WASTEWATER INFORMATION

1. Are all wastewaters discharged to the sanitary sewer? YES NO

If "no", describe other wastewater disposal methods: _____

2. Is sanitary wastewater discharged separately from process wastewater? YES NO

3. If batch wastewater is discharged to the sewer, list batch discharge?

Frequency: _____

Volume: _____

Nature of batch waste: _____

4. Is an analysis of the wastewater available? YES NO

If "yes", attach a copy of the most recent analysis and describe sampling location. Include date, time of sampling, and type of discharge (total plant discharge, process waste only, etc.).

5. Is a sampling manhole or other access available to collect a wastewater sample? YES NO

6. List average volume of discharge or water loss to:

OUTLET	ESTIMATED AVERAGE DISCHARGE (SPECIFY UNITS)
Sanitary Sewer	_____
Storm Sewer	_____
Surface Water	_____
Waste Hauler	_____
Evaporation	_____
Contained in product	_____
TOTAL	_____

7. Indicate below the general character of this facility's wastewater:

- | | | |
|---|---|--|
| <input type="checkbox"/> Sanitary Wastes Only | <input type="checkbox"/> Flammable | <input type="checkbox"/> Ethers |
| <input type="checkbox"/> Acids / Acidic | <input type="checkbox"/> Organic Solvents | <input type="checkbox"/> Aldehydes / Ketones |
| <input type="checkbox"/> Alkalis / Caustic | <input type="checkbox"/> Latex Materials | <input type="checkbox"/> Organic Acids |
| <input type="checkbox"/> Pickling | <input type="checkbox"/> Resins / Monomers | <input type="checkbox"/> Soaps / Detergents |
| <input type="checkbox"/> Metal Cleaning | <input type="checkbox"/> Waxes | <input type="checkbox"/> Oils |
| <input type="checkbox"/> Metal Preparation | <input type="checkbox"/> Inorganic Solids | <input type="checkbox"/> Fats / Grease |
| <input type="checkbox"/> Plating / Electrocoating | <input type="checkbox"/> (sand, gravel, etc.) | <input type="checkbox"/> Hot Wastes |
| <input type="checkbox"/> Paints / Pigments | <input type="checkbox"/> Phenolic | <input type="checkbox"/> Radioactive |
| <input type="checkbox"/> Dyes / Inks | <input type="checkbox"/> Alcohols | <input type="checkbox"/> Others |

8. Are any of the pollutants in Table 1 (attached) handled at this facility, used in product manufacture or a by-product which may be discharged to the sewer system?

YES NO

If "yes", indicate these pollutants with a check mark.

IF THIS FACILITY DISCHARGES SANITARY WASTEWATER ONLY, COMPLETE SECTIONS I THROUGH VI AND RETURN THIS FORM

VII. PRETREATMENT INFORMATION

1. Are wastewaters treated prior to discharge to the sewer? YES NO

If "yes", describe treatment system: _____

2. Are any residuals generated from the pretreatment process? YES NO

If "yes", describe residuals: _____

Indicate the quantity of residuals created (specify units): _____

Describe method of residue disposal: _____

Is the residue considered a hazardous waste as defined by the Resource Conservation and Recovery Act?

- YES NO UNDETERMINED

3. Is there a Spill Prevention, Control, and Containment Plan in effect for this facility? YES NO

4. Has a Baseline Monitoring Report (required by 40 CFR 403.12) been submitted to the Ohio EPA or USEPA?

- YES NO If "yes", did the City receive a copy? YES NO

VIII. SEWER CONNECTION AND DISCHARGE INFORMATION

1. Is the facility connected to the sanitary sewer system? YES NO

If "yes", list the number of facility sewer outlets, size (inches), flow (gallons per day), and type of waste conveyed:

If "no", describe the method of wastewater disposal: _____

2. Attach a simple drawing showing a general process flow diagram and indicate in-plant sampling sites, treatment processes, wastewater flow outputs, service connections, etc.

If you need assistance or have questions, please contact:

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TABLE 1: PRIORITY POLLUTANTS

**IDENTIFY THOSE PRIORITY POLLUTANTS SUSPECTED OR KNOWN TO BE DISCHARGED
IN THE FACILITY'S WASTEWATER WITH A CHECK MARK**

CHLORINATED ALKANES:

- _____ Methyl Chloride
- _____ Methylene Chloride
- _____ Methyl Bromide
- _____ Chloroform
- _____ Bromoform
- _____ Carbon Tetrachloride
- _____ Dichlorobromomethane
- _____ Trichlorofluoromethane*
- _____ Dichlorodifluoromethane
- _____ Chlorodibromomethane
- _____ Chloroethane
- _____ 1, 1-Dichloroethane
- _____ 1, 2-Dichloroethane
- _____ 1, 1, 1-Trichloroethane
- _____ 1, 1, 2-Trichloroethane
- _____ 1, 1, 2, 2-Tetrachloroethane
- _____ Hexachloroethane
- _____ 1, 1-Dichloroethylene
- _____ 1, 2-Trans-dichloroethylene
- _____ 1, 2-Dichloropropane
- _____ 1, 2-Dichloropropylene
- _____ Trichloroethylene
- _____ Tetrachloroethylene
- _____ Vinyl Chloride
- _____ Hexachlorobutadiene
- _____ Hexachlorocyclopentadiene

CHLORINATED AROMATICS

- _____ 1, 2, 4-Trichlorobenzene
- _____ Chlorobenzene
- _____ Hexachlorobenzene
- _____ 2-Chloronaphthalene
- _____ 1, 2-Dichlorobenzene
- _____ 1, 3-Dichlorobenzene
- _____ 1, 4-Dichlorobenzene

CHLORINATED ETHERS

- _____ Bis (Chloromethyl) Ether*
- _____ 2-Chloroethyl Vinyl Ether
- _____ 4-Bromophenyl Phenyl Ether
- _____ Bis (2-Chloroethoxy) Methane
- _____ Bis (2-Chloroethyl) Ether
- _____ 4-Chlorophenyl Phenyl Ether
- _____ Bis (2-Chloroisopropyl) Ether

AROMATICS

- _____ Benzene
- _____ Toluene
- _____ Ethyl Benzene
- _____ Naphthalene
- _____ Fluoranthene
- _____ Acenaphthene
- _____ Benzo (a) Anthracene
- _____ Benzo (a) Pyrene
- _____ Chrysene
- _____ Indeno (1, 2, 3-c, d) Pyrene
- _____ 3, 4-Benzofluranthene
- _____ Benzo (k) Fluoranthene
- _____ Acenaphthylene
- _____ Benzo (g, h, i) Perylene
- _____ Fluorene
- _____ Phenanthrene
- _____ Dibenzo (a, h) Anthracene
- _____ Pyrene
- _____ Anthracene

PHTHALATE ESTERS

- _____ Bis (2-ethylhexyl) Phthalate
- _____ Butyl Benzyl Phthalate
- _____ Di-n-butylphthalate
- _____ Di-n-octylphthalate
- _____ Diethylphthalate
- _____ Dimethylphthalate

PHENOLS

- _____ Phenol
- _____ 2-Chlorophenol
- _____ 2, 4-Dichlorophenol
- _____ Pentachlorophenol
- _____ 2-Nitrophenol
- _____ 2, 4-Dimethylphenol
- _____ 4-Nitrophenol
- _____ 2, 4-Dinitrophenol
- _____ 4, 6-Dinitro-ocresol
- _____ 2, 4, 6-Trichlorophenol
- _____ Para-chloro-meta-cresol

*These pollutants have been removed from the priority pollutant list on January 8, 1981 (FR, Vol. 46, No. 5, p. 2266) and February 4, 1981 (FR, Vol. 46, No. 23, p. 10723)

TABLE 1: PRIORITY POLLUTANTS (continued)

**IDENTIFY THOSE PRIORITY POLLUTANTS SUSPECTED OR KNOWN TO BE DISCHARGED
IN THE FACILITY'S WASTEWATER WITH A CHECK MARK**

SUBSTITUTED AROMATICS

____ Nitrobenzene
____ 2, 4-Dinitrotoluene
____ 2, 6-Dinitrotoluene
____ 2, 3, 7, 8-Tetrachlorodibenzo-p-dioxin
____ Benzidine
____ 3, 3-Dichlorobenzidine
____ 1, 2-Diphenylhydrazine

POLYCHLORINATED BIPHENYLS

____ PCB-1242
____ PCB-1254
____ PCB-1248
____ PCB-1221
____ PCB-1232
____ PCB-1260
____ PCB-1016

PESTICIDES

____ Aldrin
____ Dieldrin
____ Chlordane
____ 4, 4-DDT
____ 4, 4-DDE
____ 4, 4-DDD
____ Endosulfan-alpha
____ Endosulfan-beta
____ Endosulfan-sulfate
____ Endrin
____ Endrin Aldehyde
____ Heptachlor
____ Heptachlor Epoxide
____ BHC-alpha
____ BHC-beta
____ BHC (lindane) - gamma
____ BHC-delta
____ Toxaphene

MISCELLANEOUS

____ Acrolein
____ Acrylonitrile
____ Asbestos
____ Cyanide
____ Isophorone
____ N-nitrosodimethylamine
____ N-nitrosodiphenylamine
____ N-nitrosodi-n-propylamine

METALS

____ Antimony
____ Arsenic
____ Beryllium
____ Cadmium
____ Chromium
____ Copper
____ Lead
____ Mercury
____ Nickel
____ Selenium
____ Silver
____ Thallium
____ Zinc