

**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 instructions 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:

Donald S. Rector, P.E., General Manager  
Southwest Licking Community Water & Sewer District  
P.O.Box 215  
Etna, Ohio 43018  
(740-927-0410)

Once completed, sign and return this form.

**SPECIFIC INSTRUCTIONS**

Section I: General Information

1. - 5. Self Explanatory

Section II: Product or Service Information

1. Wastewater 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



**III. GENERAL WATER / WASTEWATER INFORMATION**

- 1. Does this facility discharge ANY wastewater to the District's sanitary sewer system?  Yes  No
  
- 2. Does this facility have a National Pollutant Discharge Elimination System (NPDES) permit(s)?  Yes  No
  
- 3. Does the permitted facility discharge ANY wastewater not covered by the NPDES permit(s)?  Yes  No

If "yes", give details: \_\_\_\_\_  
\_\_\_\_\_

4. If answers to questions 1-3 are "no", describe the methods used to dispose of wastewaters and liquid wastes:  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**IF THE RESPONSE TO QUESTION 1 OF THIS SECTION 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 AND RETURN TO THE INDICATED ADDRESS.**

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

7. 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:

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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: \_\_\_\_\_

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5. Are raw water treatment processes employed?

Yes No

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

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6. Are any water recycling or material reclaiming processes utilized?

Yes No

If "yes", please describe:

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**VII. WASTEWATER INFORMATION**

1. Are all wastewaters discharged to the sanitary sewer?

Yes No

If "no", describe other wastewater disposal methods:

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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:	<u>Outlet</u>	<u>Estimated Average Discharge</u> (specify units)
		Sanitary Sewer	_____
		Storm Water	_____
		Surface Water	_____
		Waste Hauler	_____
		Evaporation	_____
		Contained in Product	_____
		Total	_____

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

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

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 TO THE INDICATED ADDRESS.**

**VII. PRETREATMENT INFORMATION**

1. Are wastewaters treated prior to discharge to the sewer?  Yes  No

If "yes", describe treatment system:

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2. Are any residuals generated from the pretreatment process?

Yes No

If "yes", describe residuals:

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Indicate the quantity of residuals created (specify units):

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Describe method of residue disposal:

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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 District 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:

Number of facility sewer outlets:

Size (inches):

Flow (gallons per day):

Type of waste conveyed:

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If "no", describe the method of wastewater disposal?

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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.

**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 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