Industrial Waste Survey

Industrial Pretreatment Program
City of Gardner Wastewater
1150 Santa Fe. Street
Gardner, KS 66030

Part I - General Information

Section 1	Date:		
	Industry Name:		
	Business Address:		
	Mailing Address:		
	Contact:	Name:	
		Title:	
		Telephone:	
		Fax:	
		E-Mail:	

Section 2	**Plant Operation** (briefly describe manufacturing activities or services performed at the above location)	
	Length of Time Industry Located at Present Location?	

Section 3	**Principal Products or Services**	
	Product/Service	Annual Unit Production Rate

Section 4	**North American Industry Classification System (NAICS)** (if more than one, list in descending order of importance according to value of production or sales)				

Section 5	**Employment** (average number of employees per shift):	**1st**		**2nd**		**3rd**		
	Shift Hours Normally Worked Each Day (e.g., 8 am – 5 pm)							
		Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
	1st Shift							
	2nd Shift							
	3rd Shift							

Section 6	**Annual Variation in Operation**				
	Is There a Scheduled Shutdown?				
	If "YES", When is the Scheduled Shutdown?			to	
	Is Production Seasonal?				
	If "YES",	When is the Period of Full Production?		to	
		When is the Period of Limited Production?		to	
		When is the Period of No Production?		to	

Part II - Water & Wastewater

Section 7	**Plant Potable Water** (gallons per day)			
	Water Source	Minimum Flow (gpd)	Maximum Flow (gpd)	Average Flow (gpd)
	City of Gardner:			
	Other (specify):			

Section 8	**Plant Water Requirements**		
	Water Usage	Gallons Per Day	Percent (%) Discharged to Gardner Sanitary Sewer System.
	Cooling Water Makeup:		
	Boiler Feed:		
	Process Water Makeup:		
	Sanitary:		
	Other (specify):		

Section 9	**Plant Average Wastewater Discharge**	
	Volume Discharged to the City of Gardner Sanitary Sewer System? (gallons per day)	
	Is the Plant a Direct Discharger?	
	If "YES", What is the NPDES Number?	
	Other Method of Wastewater Disposal? (specify)	

Section 10	**Waste Haulers**	
	Name of Contractor(s):	
	Address of Contractor(s):	
	Location of Disposal Site(s):	
	Type of Wastewater(s):	
	Volume of Wastewater (s):	

Section 11

Plant Connections to the County Sanitary Sewer System

No. *	Name or Location of Connection	Size of Conduit	General Type of Waste Flow (e.g., process)	Discharge Frequency: C = Continuous I = Intermittent B = Batch	Average Rate When Flowing (gallons per day)
1					
2					
3					
4					
5					
6					

**** Please Provide Map of All Connections***

Describe Each Batch or Intermittent Discharge and Define the Discharge Frequency

Section 12

Wastewater Characteristics

For each of the connections identified in SECTION 11, specify, if known, the following wastewater characteristics for relatively low flow, average, and relatively high conditions. If no analyses have been done, do not complete this part. If upon review, sampling and analysis if found to be necessary, then City of Gardner will notify you.

Connection No.1

Pollutant	Low	Average	High	Pollutant	Low	Average	High
Flow (gpd)				Cyanide, mg/L			
pH				TOC, mg/L			
BOD, mg/L				Ammonia Nitrogen, mg/L			
COD, mg/L				Arsenic, mg/L			
Color, units				Cadmium, mg/L			
Total Solids, mg/L				Chromium, Hexavalent, mg/L			
TSS, mg/L				Chromium, Total, mg/L			
Settleable Solids, mg/L				Copper, mg/L			
Oil & Grease, mg/L				Lead, mg/L			
Phenols, mg/L				Iron, mg/L			
Chloride, mg/L				Manganese, mg/L			
Sulfate, mg/L				Mercury, mg/L			
Sulfide, mg/L				Nickel, mg/L			
Phosphorus, Total , mg/L				Zinc, mg/L			

Use Separate Page for Each Additional Connection Identified in SECTION 11

Describe the sampling program which produced the analytical data.
Specify the sampling date(s) and the organization conducting the analyses.

Section 13

Pretreatment of Wastewater Discharge

Describe any existing or planned facilities for the pretreatment of plant wastewater discharges.
(include completion dates for planned facilities and removal efficiencies for all facilities)

Part III - Disposition of Chemicals

Section 14	**Inventory of Chemicals**	
	Identify any trade name chemicals used at your plant or business and estimate the amount of each used per month. (please provide annual inventory, if available)	
	Name of Chemical	Estimated Amount Used Per Month
	**** Attach Additional Page(s) as Necessary***	

Section 15	**Spill Prevention Program**
	Briefly describe any current program which you have instituted to prevent the accidental spill of toxic chemicals into the City of Gardner Sanitary Sewer System.

Section 16	**Priority Pollutants**
	Identify on **ATTACHMENT "A"** any of the chemicals which are stored, used in production of goods or services at your facility, or known to be discharged from your premises as either a liquid or solid waste. Indicate for each item checked your average monthly use or storage.

Section 17	**Prohibited Discharges**
	Thoroughly read and review the prohibited discharges listed in **ATTACHMENT "B"**.

	Hazardous Waste
Section 18	Identify on **ATTACHMENT "C"** your hazardous waste generator status, hazardous constituents and discharge volume/frequency to the City of Gardner Sanitary Sewer System.

	Certification Statement	
Section 19	To the best of my knowledge, the information which I have provided is this survey is complete and accurate, and to my knowledge the wastewater discharge from my company will not violate the prohibited discharges listed in **ATTACHMENT "B"**.	
	Signature of Official:	
	Name of Official: (print)	
	Title of Official:	
	Date:	

**** Additional information should be supplied on company letterhead.***

Return original completed survey, <u>within two (2) weeks of receipt</u>, to:

City of Gardner
Attn: Wastewater Department
1150 East Santa Fe. Street
Gardner, KS 66030

Questions: 913-856-0985

Industrial Waste Survey

ATTACHMENT "A"

Name of Chemical	Check ✓ if Present	Quantity Used or Stored Per Month
Acenaphthene		
Acenaphthylene		
Acrolein		
Acrylonitrile		
Aldrin		
Anthracene		
Antimony		
Arsenic		
Asbestos		
Benzene		
Benzidine		
Benzo(a)anthracene		
Benzo(a)pyrene		
Benzo(ghi)perylene		
Benzo(k)fluoranthene		
3,4-benzofluoranthene		
Beryllium		
Alpha-BHC		
Beta-BHC		
Delta-BHC		
Gamma-BHC		
Bis(chloromethhyl) ether		
Bis(2-chloroethoxy) methane		
Bis(2-chloroethyl) ether		
Bis(2-ethylhexyl) phthalate		
Bis(2-chloroisopropy) ether		
Bromoform		
4-bromophenyl phenyl ether		
Butyl benzyl phthalate		
Cadmium		
Carbon tetrachloride		
Chlordane		
Chlorobenzene		
Chlorodibromomethane		
Chloroethane		
2-chloroethyl vinyl ether		
Beta-endosulfan		
Endosulfan sulfate		
Endrin		
Endrin aldehyde		

Name of Chemical	Check ✓ if Present	Quantity Used or Stored Per Month
Chloroform		
2-chloronaphthalene		
2-chlorophenol		
4-chlorophenyl phenyl ether		
Chromium		
Chrysene		
Copper		
Cyanide		
4,4'-DDD		
4,4'-DDE		
4,4'-DDT		
Di-n-butyl phthalate		
Di-n-octyl phthalate		
Dibenzo(a,h)anthracene		
1,2-dichlorobenzene		
1,3-dichlorobenzene		
1,4-dichlorobenzene		
3,3-dichlorobenzidine		
Dichlorobromomethane		
Dichlorodifluoromethane		
1,1-dichloroethane		
1,2-dichloroehtane		
1,1-dichloroethylene		
2,4-dichlorophenol		
1,2-dichloropropane		
1,3-dichloropropylene		
Dieldrin		
Diethyl phthalate		
Dimethyl phthalate		
2,4-dimethylphenol		
4,6-dinitro-o-cresol		
2,4-dinitrophenol		
2,4-dinitrotoluene		
2,6-dinitrotoluene		
1,2-diphenylhydrazine		
Alpha-endosulfan		
PCB-1016		
PCB-1221		
PCB-1232		
PCB-1242		

Attachment "A" - Continued

Name of Chemical	Check ✔ if Present	Quantity Used or Stored Per Month
Ethylbenzene		
Fluoranthene		
Fluorene		
Heptachlor		
Heptachlor epoxide		
Hexachlorobenzene		
Hexachlorobutadiene		
Hexachlorocyclopentadiene		
Hexachloroethane		
Indeno(1,2,3-cd)pyrene		
Isophorone		
Lead		
Mercury		
Methyl bromide		
Methyl chloride		
Methylene chloride		
Naphthalene		
Nickel		
Nitrobenzene		
2-nitrophenol		
4-nitrophenol		
N-nitrosodi-n-propylamine		
N-nitrosodimethylamine		
N-nitrosodiphenylamine		
Parachlorometa cresol		

Name of Chemical	Check ✔ if Present	Quantity Used or Stored Per Month
PCB-1248		
PCB-1254		
PCB-1260		
Pentachlorophenol		
Phenanthrene		
Phenol		
Pyrene		
Selenium		
Silver		
2,3,7,8-tetrachlorodibenzo-p-dioxin		
1,1,2,2-tetrachloroethane		
Tetrachloroethylene		
Thallium		
Toluene		
Toxaphene		
1,2-trans-dichloroethylene		
1,2,4-trichlorobenzene		
1,1,1-trichloroethane		
1,1,2-trichloroethane		
Trichloroethylene		
Trichlorofluoromethane		
2,4,6-trichlorophenol		
Vinyl chloride		
Zinc		

ATTACHMENT "B"

The following is excerpted from the City of Gardner Municipal Code: Chapter 13, subsection 36

ARTICLE 4 - PRETREATMENT

CHAPTER 13.36. WASTEWATER DISCHARGE STANDARDS

Section 1. General. The Utility Director shall have the authority to limit volume, rate, strength, or nature of wastewater discharge to any public sanitary sewer by any user. Pollutants, substances, or wastewater prohibited by this subpart shall not be processed or stored in such a manner that they could be discharged to the POTW.

Section 2. Prohibited Discharges. No person or user shall introduce into any public sanitary sewer or into the sewerage system any pollutant which causes pass through, interference or significant inhibition of microbial activity, nor shall any person or user introduce any of the following into any public sanitary sewer or the sewerage system:

(a) Any gasoline, benzene, naphtha, fuel oil, or other liquid, solid, or gas which could potentially create a fire or explosion hazard in the sewerage system, including, but not limited to, waste streams with a closed cup flash point of less than 140º F (60ºC) using the test methods specified in 40 C.F.R. § 261.21 or which exceed a five percent lower explosive limit (5% LEL) measured as methane.

(b) Pollutants which result in the presence of toxic gases, vapors, or fumes within the sewerage system in a quantity that may cause acute human health and/or safety problems.

(c) Any discharge containing toxic or poisonous solids, liquids, or gases in sufficient quantity, either singly or by interaction with other wastes, to injure or interfere with any wastewater treatment process, constitute a hazard to humans or animals, create a public nuisance, or create any hazard in the receiving waters of the wastewater treatment plant.

(d) Any discharge having a pH less than 5.5 or greater than 10.5, unless the Utility Director has approved an exception.

(e) Solid or viscous substances of fats, wax, grease or oils in quantities or form capable of obstructing the flow in sewers, or otherwise result in interference.

(f) Heat in amounts which will inhibit biological activity in the treatment works resulting in interference, but in any case heat in such quantities that the temperature at the POTW exceeds 104ºF (40ºC), unless the Utility Director has approved an exception. In no case shall the Utility Director approve an exception that exceeds 150ºF (65ºC).

(g) Any discharge from significant industrial users permitted under the authority of Chapter 13.36 of this Code containing fats, wax, grease or oils, whether emulsified or not, containing substances which may solidify or become viscous at temperatures between 32ºF (0ºC) and 150ºF (65ºC), and which exceed 200 mg/L, unless another numeric limit or measurement methodology is approved by the Utility Director. This discharge requirement does not apply to food service facilities.

(h) Any petroleum oil, non-biodegradable cutting oil, or products of mineral oil origin in amounts that will cause interference or pass through.

(i) Any silver-bearing wastewater from photo-finishing processes not treated with a silver recovery unit prior to discharge.

(j) Any discharge containing iron, chromium, copper, zinc, and similar objectionable or toxic substances; or wastes exerting an excessive disinfection requirement or adversely affecting sludge disposal methods utilized by the Utility Director, to such degree that any such material measured at the source exceeds the limits established by the Environmental Department for such materials.

(k) Any discharge of odor-producing substances in concentrations exceeding the limits which may be established by the Utility Director as necessary, after treatment of the composite wastewater to meet the requirements of state, federal, or other public agencies of jurisdiction for such discharge to the receiving waters.

(l) Any radioactive wastes or isotopes except in compliance with limits established by the Utility Director or in compliance with applicable State or Federal Regulations.

(m) Any pollutant, including oxygen-demanding pollutants, released in a discharge at a flow rate and/or pollutant concentration which will cause interference with a treatment facility, and/or a significant load on the sewerage works.

(n) Any pollutant which causes excessive discoloration, such as, but not limited to, dye wastes, vegetable tanning solutions, and water-based inks which consequently impart color to the POTW's effluent, thereby causing it to violate its NPDES (National Pollutant Discharge Elimination System) permit.

(o) Any discharges which cause unusual volumes of flow, mass and/or concentration of wastes constituting slug loadings.

(p) Any discharge which does not comply with the applicable categorical pretreatment standards set out in 40 C.F.R., Chapter I, Subchapter N, Parts 405-471, now in effect or as may later be amended.

(q) Any approved trucked or hauled wastes, except at discharge points designated by the Utility Director.

(r) Storm water, surface water, ground water, roof runoff, subsurface drainage, swimming pool drainage and non-contact cooling water, unless the Utility Director approves an exception.

(s) Discharge of any substance which, if otherwise disposed of, would be a hazardous waste under 40 C.F.R. § 261, is prohibited unless the Utility Director approves an exception.

(t) Any discharge which, in the opinion of the Utility Director, causes the POTW's daily operation and maintenance schedule to be significantly disrupted.

Industrial Waste Survey

ATTACHMENT "C"

State of Kansas - RCRA Notification
40 CFR 403.12(p)

Industry Name:		
Business Address:		
Mailing Address:		
Contact :	Name:	
	Title:	
	Telephone:	

Hazardous Waste Generator Status									
Check ✓ Applicable Status:	Non-Generator ☐	CESQG ☐	KSQG ☐	SQG ☐	LQG ☐

Hazardous Wastes Discharged to County Sanitary Sewer		
Name of Waste Considered Hazardous	EPA Hazardous Waste ID No. for the Waste	Type of Discharge (Continuous, Intermittent, Batch)

Please Complete the Table Below if Your Industry Discharges More Than 25 Kg (55 lbs.) Per Month:

Name of Waste	Hazardous Constituents	Amount Discharged * (Kg per month)	Concentration * (mg/L)	Total Amount * Discharged Over Next 12 Months (Kg)
**** Provide for Each Hazardous Constituent Listed***				

Attach Additional Page(s) as Necessary