



City of Springfield
225 Fifth Street
Springfield, Oregon 97477
(541) 726-3694
(541) 726-2309 FAX

Industrial Pretreatment Program
Public Works Department
Environmental Services Division

WASTEWATER DISCHARGE PERMIT APPLICATION

WASTEWATER DISCHARGE SURVEY

COMPANY NAME: _____

General Instructions

This form serves as a multi-purpose document. Section I should be filled out by all existing and proposed new non-domestic facilities (industrial and commercial establishments). The other sections only need to be completed if the affected facility has a process wastewater discharge(s), or proposes to discharge process wastewater(s) (i.e., the wastewater is not domestic in origin). Please take the time to fill out the form thoroughly and adequately. (Process wastewater also includes such items as spent solvents and chemicals dumped down floor drains, sinks.)

- | | |
|-------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Section I | General Information: All questions should be answered. <u>If you answer "No" to question #23, there is no need to go to the next sections. Simply sign the form and submit it to the city at the address shown below. Proposed new businesses should provide best estimates to appropriate questions in Sections II and III.</u> |
| Section II | Water/Wastewater Data: completed by all users discharging or proposing to discharge process wastewater. |
| Section III | Plant/Process Data Wastewater Treatment: completed by all users discharging or proposing to discharge process wastewater. |

RETURN COMPLETED FORM TO:

City of Springfield, ATTN: Bill Hamann
Department of Public Works
Environmental Services Division
225 Fifth Street
Springfield, OR 97477

If you have any questions, please contact:

City of Springfield Industrial Pretreatment Program at 726-3693

WASTEWATER DISCHARGE SURVEY/PERMIT APPLICATION

Section I - General Information

1. Company Name: _____
2. Division: _____
3. Mailing Address: _____
Street Address: _____
City, State, & Zip Code _____
Year established on site: _____
5. Representative completing this form:
Name _____
Title _____
Phone # _____
6. Person to be contacted in case of emergency:
Name _____
Title _____
Phone # _____
7. For existing businesses:
Is the building presently connected to the public sewer system? Yes _____ No _____
If Yes, sewer account number _____
If No, have you applied for sewer hookup? Yes _____ No _____
8. For new businesses:
Will you be occupying an existing vacant building (such as in an industrial park)? Yes _____ No _____
Have you applied for a building permit if a new facility will be constructed? Yes _____ No _____
Will you be connected to the public sewer system? Yes _____ No _____
9. Average number of employees per shift: Day _____ Swing _____ Grave _____ Total _____
10. Normal operating schedule: hours/day _____ days/week _____

11a.If your facility employs or will be employing processes in any of the industrial categories or business activities listed below (regardless of whether they generate wastewater, waste sludge, or hazardous wastes), place a check beside the category or business activity (check all that apply).

- Adhesives
- Aluminum forming
- Anodizing
- Automobile repair
- Battery manufacturing
- Beverage bottler
- Can making
- Car wash
- Chemical etching and milling
- Coil coating
- Copper forming
- Dairy products
- Electric and electronic components
- Electroplating
- Electroless plating
- Explosives manufacturing
- Food processing
- Food products machinery
- Foundries
- Groundwater treatment
- Gum and wood chemicals
- Inorganic chemicals
- Iron and steel
- Laundries
- Leather tanning and finishing
- Mechanical products
- Metal finishing
- Metal coating (chromating, phosphating, coloring)
- Nonferrous metals
- Organic chemicals
- Paint and ink

11a. Continued

- Pesticides
- Petroleum refining
- Pharmaceuticals
- Photographic/film processing
- Plastic and synthetic materials
- Plastics processing
- Porcelain enamel
- Printed circuit board manufacture
- Printing and publishing
- Pulp, paper, and fiberboard
- Rubber products
- Slaughter/meat packing/rendering
- Soaps and detergent
- Solvent recycling
- Steam electric generating
- Textile mills
- Timber products
- Wood preserving
- Waste recycler
- Water treatment

11b. Standard Industrial Classification Number(s) (SIC Code).

12. Give a brief description of your business.

13. Do you or will you discharge oils, grease, or fats to the public sewer? Yes _____ No _____
If yes, is there or will there be an oil and grease trap in your sewer connection? Yes _____ No _____
If yes, what is your normal frequency of cleaning the oil and grease trap?

Where do you dispose of trapped oil and grease? _____

14. Have you been issued a local, state, or federal environmental discharge permit? Yes _____ No _____
If yes, please list the permit(s): _____
-

15. Do you or will you have chemical storage containers, tanks, bins, or ponds at your facility? (This includes hot tanks, plating booths, rinse tanks, stripping tanks, etc.) Yes _____ No _____
If yes, please attach a description of their location, contents, size, type, and frequency and method of cleaning. Indicate if buried metal containers have cathodic protection.

16. Do you or will you have floor drains in your manufacturing (MFR) or chemical storage area? Yes _____ No _____

17. If you have chemical storage containers, tanks, bins, ponds, or floor drains in MFR area, could an accidental spill lead to a discharge to:

- _____ an onsite disposal system
- _____ Public sewer system (eg. Through a floor drain)
- _____ Storm drain
- _____ to ground
- _____ Other Specify:

18. Do you have an accidental spill prevention program to prevent spills of chemicals or slug discharges from entering the city's collection system? Yes _____ No _____

If yes, please attach.

19. Are any liquid wastes or sludges from this firm disposed of by means other than discharge to the sewer system? Yes _____ No _____

If yes, complete the following:

These wastes may be described as:

	Estimated gallons or pounds per year
_____ Acids and alkalies	_____
_____ Heavy metal sludges	_____
_____ Inks/dyes	_____
_____ Oil and/or grease	_____
_____ Organic compounds	_____
_____ Paints	_____
_____ Pesticides	_____
_____ Plating wastes	_____
_____ Pretreatment sludge	_____
_____ Solvents/thinners	_____
_____ Other wastes(specify)	_____
_____	_____
_____	_____

For the above checked wastes, does your company practice:

- _____ Onsite storage _____ Onsite disposal
 _____ Offsite storage _____ Offsite disposal

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

20. Do you have a cooling water discharge? Yes _____ No _____

If yes, does cooling water discharge to:

- _____ Sanitary sewer
 _____ Storm sewer

21. Do you have a boiler blowdown discharge? Yes _____ No _____

If yes, does boiler blowdown discharge to:

- _____ Sanitary sewer
 _____ Storm sewer

SIGNATURE PAGE

Qualified Professional Certification:

I hereby certify under penalty of law that this information was obtained in accordance with the applicable procedures and requirements as specified in the federal General Pretreatment Regulations and amendments thereto, and the city's sewer use ordinance. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

The statement below shall be certified by any industrial user which is subject to categorical pretreatment standards under 40 CRF 403.6 and 40 CFR Chapter I, Subchapter N.:

I certify that the applicable National Categorical Pretreatment Standards will will not **be met on a consistent basis.**

Name (print)

Signature Title Date Phone

Authorized Representative Statement: (Corporate official, partner, fiduciary, or this duly authorized representative if this person is responsible for the overall operation of the facility from which the discharge originates).

I certify under penalty of law that I have personally examined and I am familiar with the information in this report and all attachments therein. Furthermore, based on my inquiry of those persons immediately responsible for obtaining the information contained in this report. I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. I further certify that the sampling results reported are representative of normal work cycles and expected pollutant discharges.

Name (print)

Signature Title Date Phone

NOTE:

Both the Qualified Professional Certification and the Authorized Representative Statement sections must be signed.

COMPLETE ONLY IF YOU ANSWERED "YES" TO QUESTION 23.

Section II - Water/Wastewater Data

1. Water use and distribution--Estimate the average quantity of water in gal/day received and wastewater discharged daily (for new businesses estimate flows).

	Source			Disposal		
	City Water	Private Well	Other	Sanitary Sewer	Storm Sewer	Other
Domestic (restrooms, lunchrooms, etc)						
Processes						
Boiler/Cooling Tower						
Cooling Water Contact						
Washing (equipment washdown)						
Irrigation						
Air Pollution Control						
Contained in Product						
Evaporation						
Storm Water						
Other (describe)						
Total:						

2. Are the discharges or will the discharges be _____ batch _____ or continuous
3. If batch discharge occurs or will occur, indicate:
- (a) Percent processing as batch _____
- (b) Percent processing as continuous _____
- (c) Number of batch discharges _____ per month
- (d) Time of batch discharges _____ at _____
 (Days of week) (hours of day)
- (e) Average quantity per batch _____ gallons
- (f) Flow rate _____ gallons/minute

4. List existing or proposed plant sewer outlets, size and flow (assign sequential reference number to each sewer starting with No. 1):

Ref. No.	Sewer Size (inches)	Descriptive location of sewer connection or discharge point	Daily Avg. Flow (GPD)

5. General Characteristic of wastewater or proposed wastewater discharge: provide specific values for a, b, d, e, f

(a) Temperature: _____

(b) pH level: _____

(c) Flammable or explosive materials: _____ Yes _____ No

(d) Fats, oil and grease (mg/L): _____

(e) Biochemical Oxygen Demand (mg/L): _____

(f) Total Suspended Solids (mg/L) _____

(g) Solid or viscous material: _____ Yes _____ No

(h) Toxics: _____ Yes _____ No

(i) Solvents: _____ Yes _____ No

Please include additional responses to question 5 if your facility has more than one wastewater discharge.

6. Toxic Pollutants: Examine your raw materials/chemicals list and your Material Handling Sheet to assist in completing the list. Please indicate by placing an "X" in the appropriate space by each listed chemical whether it is used as a raw material, contained in products, or present in wastewater. Some compounds are known by other names. Please refer to the Synonym Listing for those compounds which have an asterisk (*).

Item No.	Chemical Compound	Used as raw Material	Contained in Product	Present in Wastewater
1.	ammonia			
2.	asbestos			
3.	cyanide			
4.	antimony & compounds			
5.	arsenic & compounds			
6.	beryllium & compounds			
7.	cadmium & compounds			
8.	chromium & compounds			
9.	copper & compounds			
10.	lead & compounds			
11.	mercury & compounds			
12.	nickel & compounds			
13.	selenium & compounds			
14.	silver & compounds			
15.	thallium & compounds			
16.	zinc & compounds			
17.	acenaphthene			
18.	acenaphthylene			
19.	acrolein			
20.	acrylonitrile			
21.	aldrin			
22.	anthracene			
23.	benzene			
24.	benzidine			
25.	benzo(a)anthracene*			
26.	benzo(a)pyrene*			
27.	benzo(b)fluoranthene			
28.	benzo(g,h,i)perylene*			
29.	benzo(k)fluoranthene*			
30.	a-BHC(alpha)			
31.	b-BHC(beta)			
32.	d-BHC(delta)			
33.	g-BHC*(gamma)			
34.	bis(2-chloroethyl)ether*			
35.	bis(2-chloroethoxy)methane*			
36.	bis(2-chloroisopropyl)ether*			
37.	bis(chloromethyl)ether*			
38.	bis(2-ethylhexyl)phthalate*			
39.	bromodichloromethane*			
40.	bromoform*			
41.	bromoethane*			
42.	4-bromophenylphenyl ether			
43.	Butylbenzyl phthalate			
44.	Carbon tetrachloride*			
45.	Chlordane			
46.	4-chloro-3-methylphenol*			
47.	Chlorobenzene			
48.	Chloroethane*			
49.	2-chloroethylvinyl ether			
50.	Chloroform*			
51.	Chloromethane*			
52.	2-chloronaphthalene			
53.	2-chlorophenol*			
54.	4-chlorophenylphenyl ether			
55.	Chrysene*			
56.	4,4'-DDD*			
57.	4,4'-DDE*			
58.	4,4'-DDT*			
59.	Dibenzo(a,h)anthracene*			
60.	Dibromochloromethane*			
61.	1,2-dichlorobenzene*			
62.	1,3-dichlorobenzene*			
63.	1,4-dichlorobenzene*			

64.	3,3-dichlorobenzidine			
65.	Dichlorodifluoromethane*			
66.	1,1-dichloroethane*			
67.	1,2-dichloroethane*			
68.	1,1-dichlorethene*			
69.	Trans-1,2-dichloroethene*			
70.	2,4-dichlorophenol			
71.	1,2-dichloropropane*			
72.	(cis & trans)1,3-dichloropropene*			
73.	Dieldrin			
74.	Diethyl phthalate*			
75.	2,4-dimethylphenol*			
76.	Dimethyl phthalate			
77.	Di-n-butyl phthalate			
78.	Di-n-octyl phthalate*			
79.	4,6-dinitro-2-methylphenol*			
80.	2,4-dinitrophenol			
81.	2,4-dinitrotoluene			
82.	2,6-dinitrotoluene			
83.	1,2-diphenylhydrazine*			
84.	Endosulfan I*			
85.	Endosulfan II*			
86.	Endosulfan sulfate			
87.	Endrin			
88.	Endrin aldehyde			
89.	Ethylbenzene			
90.	Fluoranthene			
91.	Fluorene*			
92.	Heptachlor			
93.	Heptachlor epoxide			
94.	Hexachlorobenzene			
95.	Hexachlorobutadiene			
96.	Hexachlorocyclopentadiene*			
97.	Hexachloroethane*			
98.	Indeno (1,2,3-cd)pyrene*			
99.	Isophorone*			
100.	Methylene chloride*			
101.	Naphthalene			
102.	Nitrobenzene			
103.	2-nitrophenol*			
104.	4-nitrophenol*			
105.	N-nitrosodimethylamine*			
106.	N-nitrosodipropylamine*			
107.	N-nitrosodiphenylamine*			
108.	PCB-1016*			
109.	PCB-1221*			
110.	PCB-1232*			
111.	PCB-1242*			
112.	PCB-1248*			
113.	PCB-1254*			
114.	PCB-1260*			
115.	Pentachlorophenol			
116.	Phenanthrene			
117.	Phenol			
118.	Pyrene			
119.	2,3,7,8-tetrachlorodibenzo-p-dioxin*			
120.	1,1,2,2-tetrachloroethane*			
121.	Tetrachloroethene*			
122.	Toluene*			
123.	Toxaphene			
124.	1,2,4-trichlorobenzene			
125.	1,1,1-trichloroethane*			
126.	1,1,2-trichloroethane*			
127.	Trichloroethene*			
128.	Trichlorofluoromethane*			
129.	2,4,6-trichlorophenol			
130.	Vinyl chloride*			

Synonym Listing

CHEMICAL COMPOUND	SYNONYM	CHEMICAL COMPOUND	SYNONYM
benzo(a)anthracene	1,2-benzathracene	di-n-octyl phthalate	di-(2-ethylhexyl)phthalate
benzo(a)pyrene	2,3-benzphenanthrene	4,6-dinitro-2-methylphenol	4,6-dinitro-ortho-cresol
benzo(g,h,i)perylene	3,4-benzopyrene	1,2-diphenylhydrazine	hydrazobenzene
benzo(k)fluoroanthene	1,12-benzoperylene	endosulfan I	a-endosulfan-alpha
g-BHC(gamma)	11,12-benzofluoroanthene	endosulfan II	b-endosulfan-beta
bis(2-chloroethyl)ether	lindane	fluorene	(alpha)-diphenylene methane
bis(2-chloroethoxy)methane	2,2-dichloroethyl ether	hexachlorobenzene	perchlorobenzene
bis(2-chloroisopropyl)ether	2,2-dichloroethoxy methane	hexachlorocyclopentadiene	perchlorocyclopentadiene
bis(chloromethyl)ether	2,2-dichloroisopropyl ether	hexachloroethane	perchloroethane
bis(2-ethylhexyl)phthalate	(sym)dichloromethyl ether	indeno(1,3,3-cd)pyrene	2,3-ortho-phenylene pyrene
bromodichloromethane	2,2-diethylehexyl phthalate	isophorone	3,4,5-trimethyl-2-cyclohexen-1-one
bromoform	dichlorobromomethane	methylene chloride	dichloromethane
bromomethane	tribromomethane	2-nitrophenol	ortho-nitrophenol
carbon tetrachloride	methyl bromide	4-nitrophenol	para-nitrophenol
4-chloro-3-methylphenol	tetrachloromethane	N-nitrosodimethylamine	dimethyl-nitrosoamine
chloroethane	ortho-chloro-meta-cresol	N-nitrosodipropylamine	N-nitroso-di-n-propylamine
chloroform	ethylchloride	N-nitrosodiphenylamine	diphenyl-nitrosoamine
chloromethane	trichloromethane	PCB-1016	Arochlor-1016
2-chlorophenol	methyl chloride	PCB-1221	Arochlor-1221
chrysene	ortho-chlorophenol	PCB-1232	Arochlor-1232
4,4-DDD	1,2-benzphenanthrene	PCB-1242	Arochlor-1242
	dichlorodiphenyldichloroethane	PCB-1248	Arochlor-1248
	p,p-TDE	PCB-1254	Arochlor-1254
	tetrachlorodiphenylethane	PCB-1260	Arochlor-1260
4,4-DDE	dichlorodiphenyltrichloroethylene	2,3,7,8-tetrachlorodibenzo-	
	p,p-DDX	p-dioxin	TCDD
4,4-DDT	dichlorodiphenyltrichloroethane	1,1,2,2-tetrachlorethane	acetylene tetrachloride
dibenzo(a,h)anthracene	1,2,5,6-dibenzanthracene	tetrachloroethene	perchloroethylene
dibromochloromethane	chlorodibromomethane		tetrachloroethylene
1,2-dichlorobenzene	ortho-dichlorobenzene	toluene	methylbenzene
1,3-dichlorobenzene	meta-dichlorobenzene		toluol
1,4 dichlorobenzene	para-dichlorobenzene	1,1,1-trichloroethane	methyl chloroform
dichlorodifluoromethane	difluorodichloromethane	1,1,2-trichloroethane	vinyl trichloride
	fluorocarbon-12	trichloroethene	trichlorethylene
1,1-dichloroethane	ethylidene chloride	trichlorofluoromethane	fluorocarbon-11
1,2-dichloroethane	ethylene chloride		fluorotrichloromethane
	ethylene dichloride	vinyl chloride	chloroethene
1,1-dichloroethene	1,1-dichloroethylene		chloroethylene
(trans)-1,2-dichloroethene	acetylene dichloride		
	1,2(trans)-dichloroethylene		
1,2-dichloropropane	propylene dichloride		
(cis & trans)1,3-dichloropropene	(cis & trans)1,3-dichloropropylene		
diethyl phthalate	ethyl phthalate		
2,4-dimethylphenol	2,4-xyleneol		

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

- Aeration
- Air flotation
- Centrifuge
- Chemical precipitation
- Chlorination
- Cyclone
- Filter Press
- 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
- Spill protection
- Sump
- Biological treatment, type:
- Rainwater diversion or storage:
- Other chemical treatment, type:
- Other physical treatment, type:
- Other, type:

12. Describe the loading rate, design capacity, physical size, etc. of each pretreatment device or process checked above. If the facility is a proposed facility, attach engineering report, plans, and specifications.

13. Any planned changes in wastewater treatment? _____ Yes _____ No
If yes, describe below.

Section III - Business/Facility Description

PURPOSE--The business description is primarily used to determine the substances which may enter into the wastewater discharge from the business activity.

1. Business activity - Complete a separate Section III for each major or proposed business activity or product line on premises. An activity is a major class of manufacturing. Only one building layout (question 5) is required.

Activity:_____ SIC Nos.:_____

(a) Raw materials used or planned for use in this activity:

(b) Chemicals used or planned for use:

(c) Product (new businesses: provide best estimates):

TYPE OF PRODUCT (Brand Names)	Past calendar year Amounts Per Day(Daily Units)		Estimate this calendar year Amounts Per Day(Daily Units)	
	Average	Maximum	Average	Maximum

(d) Process description: Describe each wastewater generating process.

(e) Substances discharged: Give common and technical names of each major raw material and product that may be discharged to the sewer.

2. Discharge Period

(a) Hours of Day operated or planned:

Mon	Tue	Wed	Thu	Fri	Sat	Sun

(b) Time duration of discharge or planned:

Mon	Tue	Wed	Thu	Fri	Sat	Sun

3. Variation of operation

Is the business or proposed activity:

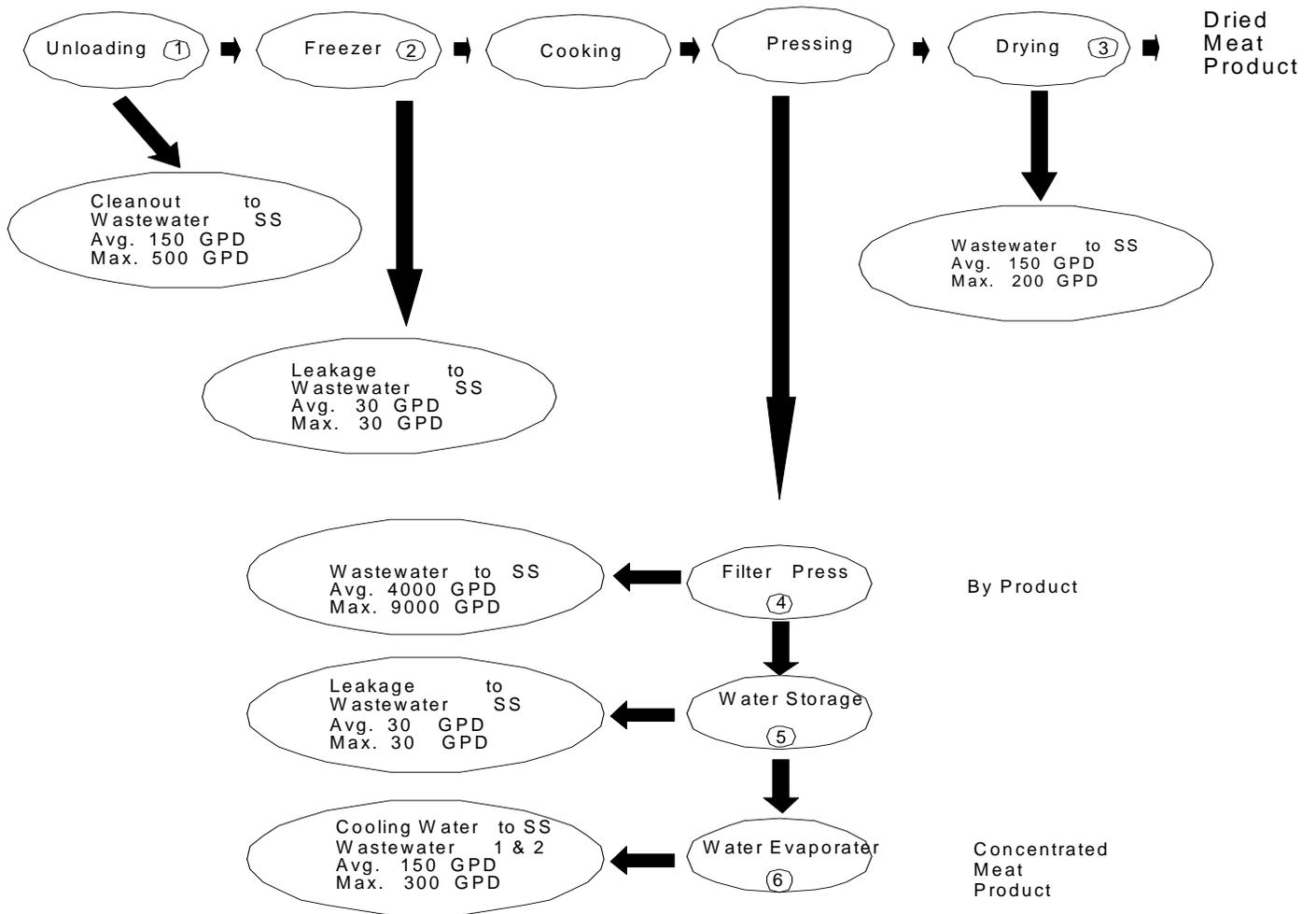
_____ Continuous through the year

_____ Seasonal -- Check the months of the year during which discharge occurs.

Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.

4. Process flow schematic. For each major activity in which wastewater is generated, draw a diagram of the flow of materials and water from start to completed activity, showing all unit processes generating wastewater. Also, for each process give the date it was established on site. Number each unit process having a wastewater discharge to the sanitary sewer (see section II, question 4). Use these numbers when showing this unit process in the building layout schematic. To determine your average and maximum daily volumes of wastewater flow, you may have to read water meters, sewer meters, or make estimates of volumes that are not directly measurable. Use an additional sheet of 8X11 paper for each major activity. An example is provided below.

FIGURE I
ACTIVITY: Meat Processing



5. Building layout. Provide a scale building layout or plant site plan. Approved building plans may be substituted. A north arrow and scale must be shown. Clearly identify the location of each existing and proposed sampling manhole and side sewer as well as all wastewater and drainage plumbing. Number each unit process discharging wastewater to the community sewer. Use the same numbering system used in the flow schematic. An example plan is shown below.

FIGURE 2
ANYBODY'S MEAT CO.
 (SCALE: 1" = 100')

