



Wastewater Discharge Permit Application

All Industrial/Commercial users of the Boxelder Sanitation District Wastewater Treatment Works are required to complete this application pursuant to District Rules and Regulations, Parts 8,9,10,11,and 12. Additionally, the industrial user is required to update the wastewater discharge permit application whenever significant changes are made in an industrial process or operation.

All industrial users must complete all of the sections of this application. If a specific section is not applicable to your operation then indicate by filling in the space with N/A.

The completed and signed application must be submitted to: Kevin Schmitz, Industrial Pretreatment at 3201 E. Mulberry, Unit Q. Ft. Collins, Colorado 80522. Your cooperation is greatly appreciated. Should you have any questions or require assistance in filling out this application please contact Kevin Schmitz, Industrial Pretreatment at 720-460-7108 or by email at kevins@boxeldersanitation.org.

SECTION A. GENERAL INFORMATION:

1. Business name of applicant: _____

2. Mailing address: _____

3. Facility address (if different than mailing)

4. Company representative responsible for overall operation of the facility listed above:

Name: _____

Title: _____

Phone: _____

5. Check one: Existing Discharge
 Proposed Discharge, if proposed expected date
 of discharge _____

SECTION B. PRODUCT SERVICE INFORMATION

1. Check all activities that are present at your facility:

- | | | |
|--|---|--|
| <input type="checkbox"/> Assembly | <input type="checkbox"/> Medical Care | <input type="checkbox"/> Retail Trade |
| <input type="checkbox"/> Electroplating | <input type="checkbox"/> Flammables, Explosives | <input type="checkbox"/> Metal Finishing |
| <input type="checkbox"/> Vehicle/Equip. Wash | <input type="checkbox"/> Office Units | <input type="checkbox"/> Food |
| <input type="checkbox"/> Processing | <input type="checkbox"/> Painting, Stripping or Finishing | <input type="checkbox"/> Wholesale |
| <input type="checkbox"/> Warehousing | <input type="checkbox"/> Government | <input type="checkbox"/> Plant |
| Trade <input type="checkbox"/> Food Service | | |
| Wash Down | | |
| <input type="checkbox"/> Laboratory | <input type="checkbox"/> Printing | <input type="checkbox"/> Photo |
| laboratory | | |
| <input type="checkbox"/> Repair Shop, Garage | <input type="checkbox"/> Manufacturing | <input type="checkbox"/> Laundry |
| <input type="checkbox"/> Dry Cleaners | <input type="checkbox"/> Research | <input type="checkbox"/> Other |

(Specify) _____

2. Description of the operations performed at this facility, **from** raw materials **to** finished product. **Please attach additional sheet, Exhibit B-2.**

3. List applicable Standard Industrial Classification (SIC) Code(s) for all processes. (If more than one applies, list in descending order of importance.)

A. _____ B. _____ C. _____ D. _____

4. List principal raw materials used. Use additional sheets if necessary.

_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

5. List any intermediates or catalysts if used or produced.

_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

6. Is a spill prevention control and countermeasure plan prepared for the facility?
_____ YES _____ NO

7. List all environmental control permits (identifying the agency issuing the permit) held by this facility.

<u>Permit Type & Number</u>	<u>Issuing Agency</u>
_____	_____
_____	_____
_____	_____
_____	_____

SECTION C. PLANT OPERATIONAL CHARACTERISTICS

1. Shift Information:

Shift	Shift Start Time	Shift End Time	Average No. of Employees
1st Shift	_____	_____	_____
2nd Shift	_____	_____	_____
3rd Shift	_____	_____	_____

2. Shifts normally worked each day:

	Sun.	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.
1st Shift	___	___	___	___	___	___	___
2nd Shift	___	___	___	___	___	___	___
3rd Shift	___	___	___	___	___	___	___

3. Is operation subject to seasonal variation? _____ Yes _____ No

If yes, please explain _____

4. Do shifts vary by department? _____ Yes _____ No

If yes, please explain _____

5. Are there shutdowns for vacation, maintenance or other reasons?

_____ Yes _____ No

If yes, please explain _____

6. Are major processes? _____ Batch _____ Continuous

If batch, how often are batches discharged? _____

What volume is discharged? _____

SECTION D. WATER USE

- 1. Water Source ELCO Water
 Other, Explain _____
- 2. Name on water bill: _____
- 3. Water Service Account Number: _____
- 4. If water is paid for by landlord, give name and address:
Name: _____
Address: _____
City: _____ State: _____ Zip _____
- 5. List approximate water consumption in plant:
Boiler feed _____ GPD (Gallons per Day)
Cooling Water _____ GPD
Evaporation _____ GPD
Contained in Product _____ GPD
Process water _____ GPD
Rinse water _____ GPD
Sanitary System _____ GPD
Other _____ GPD
(Specify) _____

Explanation of how consumption was estimated: _____

SECTION E. WASTEWATER DISCHARGE

- 1. Is discharge to sewer? Intermittent Steady
- 2. Does this facility generate any wastewater other than from restrooms, cafeterias, or food preparation areas? Yes No
- 3. Are there changes proposed which will cause generation of wastewaters other than from restrooms, cafeterias, or food preparation areas? Yes No
If yes, explain proposed changes and date they will become effective:

SECTION F. WASTEWATER GENERATION

1. Attach a drawing of the industrial complex, to scale if possible, showing locations of internal sewers, major drainage areas and service connection(s) to the District sewers. Assign a number to each drainage area, and available sampling points, if any, for each drainage area. For reference and field orientation, please include north arrow, buildings, streets, alleys, and other pertinent structures.

2. How many fixtures are contained in each building or buildings?

- | | |
|-----------------------------|-----------------------------|
| _____ restrooms sink | _____ restroom toilets |
| _____ locker-room showers | _____ restroom urinals |
| _____ safety showers | _____ clean-up (slop) sinks |
| _____ water faucets | _____ water fountains |
| _____ floor drains | _____ grease/sand traps |
| _____ other (explain) _____ | |

3. Briefly describe individual industrial processes generating wastewater: **(Use additional sheets if necessary)**

a. Cleaning processes using detergents or rinses that discharge directly to the sewer:

b. Boiler and/or cooling water that has chemical additives, that is discharged to the city: _____

c. Cafeteria wastewater: _____

Number of people served daily: _____

d. Other process wastewater: _____

SECTION G. WASTEWATER INFORMATION

1. Please indicate gallons per day discharged from the activities listed below. Indicated discharge location and pH.

Type	Quantity (GPD)	Drainage Area Reference (from F-1)	pH Range
Sanitary	_____	_____	_____
Process (From F-3)	_____	_____	_____
a.	_____	_____	_____
b.	_____	_____	_____
c.	_____	_____	_____
d.	_____	_____	_____
e.	_____	_____	_____
f.	_____	_____	_____
Boiler (non-treated)	_____	_____	_____
Cooling (non-treated)	_____	_____	_____
Plant and Equip. Wash	_____	_____	_____
Other (Specify)	_____	_____	_____

2. For each drainage area listed in Section F1, indicate the constituents that could be present in the wastewater discharge as a result of process operations.

<u>Drainage Area Reference Number</u>	Constituent
_____	Algicides
_____	Ammonia
_____	Chlorides
_____	Cyanides
_____	Disinfectants
_____	Dissolved Metals *
_____	Flammable Substances
_____	Fluorides
_____	High pH, pH>9.0 (caustics, etc.)
_____	Low pH, pH<6.5 (acids, etc.)
_____	Hydrocarbons

* Metals Include: Arsenic, Beryllium, Cadmium, Chromium, Copper, Iron, Lead, Manganese, Mercury, Molybdenum, Nickel, Selenium, Silver and Zinc.

Drainage Area
Reference Number

Constituent

_____	Nitrates
_____	Nitrites
_____	Oil & Grease (animal or vegetable origin)
_____	Oil & Grease (petroleum or mineral origin)
_____	Pesticides
_____	PCB's
_____	Phenol's
_____	Phosphorus
_____	Radioactive Substances
_____	Rubber, Latex, Plastic, Glass, etc.
_____	Salt Brines
_____	Shredded Garbage
_____	Solvents
_____	Sulfates
_____	Sulfides
_____	Surfactants (detergents)
_____	Wastes High in Organic Content
_____	Other _____

SECTION H. WASTEWATER PRETREATMENT

1. Is any form of wastewater pretreatment (see listed below) practiced at this facility?
_____ Yes _____ No

If no, skip question 2 and go to Section I.

2. For each waste stream treated before discharge, check the appropriate boxes for the types of pretreatment used at this facility:

Type of Pretreatment	Drainage Area <u>Reference Number</u>
Gasoline Trap	_____
Grease Trap	_____
Sand Trap	_____
Oil Separation	_____
Solvent Recovery	_____
Silver Recovery	_____
Sedimentation	_____
Chemical Addition	_____

Type of Pretreatment	Drainage Area <u>Reference Number</u>
Neutralization/pH Adjustment	_____
Biological	_____
Filtration	_____
Reverse Osmosis	_____
Ion Exchange	_____
Equalization	_____
Other (Specify)	_____
_____	_____
_____	_____
_____	_____

SECTION I. CHEMICAL STORAGE

1. Do you use or store any chemicals or petroleum products in quantities greater than five (5) gallons? _____ Yes _____ No

If yes, list chemical, its use, quantity kept on hand (including oil, gasoline or detergents).

<u>Chemical</u>	<u>Use</u>	<u>Quantity</u>
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

(Use additional sheets as necessary)

2. Is there a specific storage place for these chemicals? _____ Yes _____ No; if yes, how close is the closest floor drain _____ FT. Is it easily accessible in case of a spill? _____

3. Do you have a spill prevention plan and procedures developed and implemented? _____ Yes _____ No

4. Do you have spill clean-up procedures formulated and posted?
_____Yes _____No

5. Are all employees trained in spill prevention and clean-up procedures?
_____Yes _____No

SECTION J. EPA PRIORITY POLLUTANT INFORMATION

1. Please indicate by placing an "X" in the appropriate space by each listed chemical used in your manufacturing or service activity or generated as a by product whether the chemical is discharged to the municipal sewer system or is used but not discharged to the sewers. Some compounds are known by other names.

Item No.	Chemical	Discharged	Used, Not Discharged	Not applicable
1.	ammonia	_____	_____	_____
2.	asbestos (fibrous)	_____	_____	_____
3.	cyanide (total)	_____	_____	_____
4.	antimony (total)	_____	_____	_____
5.	arsenic (total)	_____	_____	_____
6.	beryllium (total)	_____	_____	_____
7.	cadmium (total)	_____	_____	_____
8.	chromium (total)	_____	_____	_____
9.	copper (total)	_____	_____	_____
10.	lead (total)	_____	_____	_____
11.	mercury (total)	_____	_____	_____
12.	nickel (total)	_____	_____	_____
13.	selenium (total)	_____	_____	_____
14.	silver (total)	_____	_____	_____
15.	thallium (total)	_____	_____	_____
16.	zinc (total)	_____	_____	_____
17.	acenaphthene	_____	_____	_____
18.	acenaphthylene	_____	_____	_____
19.	acrolein	_____	_____	_____
20.	acrylonitrile	_____	_____	_____
22.	anthracene	_____	_____	_____
21.	aldrin	_____	_____	_____
23.	benzene	_____	_____	_____
24.	benzidine	_____	_____	_____
25.	benzo(a)anthracene	_____	_____	_____
26.	benzo(a)pyrene	_____	_____	_____
27.	benzo(b)flouranthene	_____	_____	_____
28.	benzo (g, h, i) perylene	_____	_____	_____
29.	benzo (k) flouranthene	_____	_____	_____
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. bromomethane	_____	_____	_____
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-dichlorbenzene	_____	_____	_____
62. 1, 3-dichlorbenzene	_____	_____	_____
63. 1, 4-dichlorbenzene	_____	_____	_____
64. 3, 3'-dichlorbenzidine	_____	_____	_____
65. dichlorodifluoromethane	_____	_____	_____
66. 1, 1-dichloroethane	_____	_____	_____
67. 1, 2-dichloroethane	_____	_____	_____
68. 1, 1-dichloroethene	_____	_____	_____
69. trans-1, 2-dichloroethene	_____	_____	_____
70. 2, 4-dichlorphenol	_____	_____	_____
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. hexachlorbenzene	_____	_____	_____
95. hexachlorobutadiene	_____	_____	_____
96. hexachlorocyclopentadiene	_____	_____	_____
97. hexachlorethane	_____	_____	_____
98. indeno (1, 2, 3-cd) pyrene	_____	_____	_____
99. isophorone	_____	_____	_____
100. methylene chloride	_____	_____	_____
101. naphthalene	_____	_____	_____
102. nitrobenzene	_____	_____	_____
103. 2-nitrophenol	_____	_____	_____
101. naphthalene	_____	_____	_____
102. nitrobenzene	_____	_____	_____
103. 2-nitrophenol	_____	_____	_____
104. 4-nitrophenol	_____	_____	_____
105. n-nitrosodimethylamine	_____	_____	_____
106. n-nitrosodiphenylamine **	_____	_____	_____
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-tetrachlorethane | _____ | _____ | _____ |
| 121. tetrachloroethane | _____ | _____ | _____ |
| 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 | _____ | _____ | _____ |

2. List those chemical compounds indicated in the previous question as being discharged and provide the following information. If the concentration is not known indicate by marking "unknown".

(Use additional sheets as necessary)

No.	Item Chemical Compound	Annual Usage	Discharge Concentration
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

SECTION K. NON-DISCHARGE WASTES

1. Are any liquid wastes or sludges generated at this site?

_____ Yes _____ No

If no skip to Section L. If yes, check the following items that best describe the waste and quantity. Use additional sheets if necessary.

- | | | | |
|---------------------|-------|-------------------------|-------|
| ___ Grease | _____ | ___ Pretreatment Sludge | _____ |
| ___ Oil | _____ | ___ Pesticides | _____ |
| ___ Waste Solvent | _____ | ___ Radioactive | _____ |
| ___ Inks/Dyes | _____ | ___ Waste Product | _____ |
| ___ Paints | _____ | ___ Thinner | _____ |
| ___ Acids | _____ | ___ Caustics | _____ |
| ___ Plating Waste | _____ | | |
| ___ Other (explain) | _____ | | |

2. Does your company remove the above checked wastes from the facility?

_____ Yes _____ No

3. If yes explain how they are removed, where they are removed to and who removes them.
Attach a separate sheet.

4. Does your company practice on site disposal of any of the above checked wastes?

_____ Yes _____ No

Specify _____

5. Are any of the above checked wastes placed in the trash for disposal?

_____ Yes _____ No

Specify _____

6. If an outside firm removes or disposes of any of the above checked wastes, state the name(s) and Address (es) of all waste haulers. Indicate the wastes picked up and frequency.

a. Name _____
Address _____

Phone () _____

b. Name _____
Address _____

Phone () _____

Disposal Location:

Pickup Frequency:

Attach additional sheets if necessary.

Disposal Location:

Pickup Frequency:

SECTION L. CERTIFICATION

NOTE TO SIGNING OFFICIAL: Information and data used identifying the nature and frequency of a discharge to the wastewater utility shall be available to the public. Requests for confidential treatment of information, other than discharge data, shall be made according to the procedures outlined in Boxelder Sanitation District, Rules and Regulations.

Effluent data may not be kept confidential.

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted, is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fines and imprisonment for knowing violations.

Name: _____

Signature: _____

Title: _____

Date: _____