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: Dave Lewis, Industrial Pretreatment Coordinator 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 Dave Lewis, Industrial Pretreatment Coordinator at 970-658-1165 or by email at dlewis@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:

_____Assembly	_____Medical Care	_____Retail Trade
_____Electroplating	_____Flammables, Explosives	_____Metal Finishing
_____Vehicle/Equip. Wash	_____Office Units	_____Food Processing
_____Warehousing	_____Painting, Stripping or Finishing	_____Wholesale Trade
_____Food Service	_____Government	_____Plant Wash Down
_____Laboratory	_____Printing	_____Photo laboratory
_____Repair Shop, Garage	_____Manufacturing	_____Laundry
_____Dry Cleaners	_____Research	_____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 <u>all</u> environmental control permits (identifying the agency issuing the permit) held by this facility.

Permit Type & Number	Issuing Agency
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

SECTION C. PLANT OPERATIONAL CHARACTERISTICS

1. Shift Information:

	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.

Drainage Area Reference Number	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 Reference Number

Gasoline Trap	_____
Grease Trap	_____
Sand Trap	_____
Oil Separation	_____
Solvent Recovery	_____
Silver Recovery	_____
Sedimentation	_____
Chemical Addition	_____

Type of Pretreatment	Drainage Area Reference Number
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).

Chemical	Use	Quantity
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

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

(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. acenapthylene _____ _____ _____
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-cdhloroisopropyl) ether _____ _____ _____
37. bis (chloromethyl) ether _____ _____ _____
38. bis (2-ethylhexyl) phalate _____ _____ _____
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. dichlorodiflouromethane _____ _____ _____
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-dintrotoluene _____ _____ _____
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. hetachlor 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-nitrosodiumethylamine	_____	_____	_____
106. n-nitrosodiphenylamine **	_____	_____	_____
107. n-nitrosidiphenylamine	_____	_____	_____
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)

Item No.	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 _____
___ Oil _____
___ Waste Solvent _____
___ Inks/Dyes _____
___ Paints _____
___ Acids _____
___Plating Waste _____
___Other (explain) _____

___ Pretreatment Sludge _____
___ Pesticides _____
___ Radioactive _____
___ Waste Product _____
___ Thinner _____
___ Caustics _____

_____
_____

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 ( ) _____

Disposal Location:
_____
_____
Pickup Frequency:
_____
_____

b. Name_____
Address_____
_____
_____
Phone ( ) _____

Disposal Location:
_____
_____
Pickup Frequency:
_____
_____

Attach additional sheets if necessary.

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: _____