



## Wastewater Discharge Permit Application

This form must be completed and returned to the CITY OF GREELEY WTRF. Please use additional sheets when necessary to complete any section of this document.

### SECTION A – Facility Information

Facility Name:

Facility Physical Address:

Facility Mailing Address:

Facility Contact Name and Title:

Facility Contact Phone:

Facility Contact Email:

### Section B – Existing Documents

#### Part A – Permit

List all environmental control permits held by the applicant and the agency that issued the permit.

Type of permit (i.e. Air, RCRA, Stormwater)	Permit Number	Issuing Agency

#### Part B – Best Management Practices

1. Is there a Spill Prevention Control Plan in effect for this facility?

Yes ☐ No ☐

- a. If yes, what was the last date of review and update? \_\_\_\_\_

2. Is there an Accidental Spill/Slug Load Plan in effect for this facility?

Yes ☐ No ☐

- a. If yes, what was the last date of review and update? \_\_\_\_\_

3. Is there a Best Management Practices Plan in effect for this facility?

Yes ☐ No ☐

- a. If yes, what was the last date of review and update? \_\_\_\_\_

**SECTION C – Facility Details****Part A – Operating Schedule**

☐ This plant operates 24 hours a day, 7 days a week; or as indicated below:

	Sun	Mon	Tue	Wed	Thur	Fri	Sat
1 <sup>st</sup>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2 <sup>nd</sup>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3 <sup>rd</sup>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**1. Shift details:**

	Hours of operation (i.e. 8am – 5pm)	No. of Employees
1 <sup>st</sup>	<input type="text"/>	<input type="text"/>
2 <sup>nd</sup>	<input type="text"/>	<input type="text"/>
3 <sup>rd</sup>	<input type="text"/>	<input type="text"/>

**2. Months of Operation:**

☐ This plant operates year round; or on the months indicated below:

J	F	M	A	M	J	J	A	S	O	N	D
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**Part B – Operational Characteristics**

*Please provide a brief description of manufacturing or service activities conducted at the facility.*

**Part C – Production Raw Materials**

*Please list all raw materials used and estimate the volume/ weight of those raw materials used in the production of product(s).  
Please use additional sheets if necessary.*

Raw material	Average per day	Maximum per day
<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>

Part D – Production Chemicals

Please list all chemicals/catalysts/intermediates used and estimate the volume/weight of those substances used in the production of product(s). Please use additional sheets if necessary. Include SDS's for listed chemicals/catalysts/intermediates used,

Chemical/catalyst/intermediate	Average per day	Maximum per day

Part E – Production

Please list all products manufactured at your facility and estimate the volume/weight of those products. Please use additional sheets if necessary.

Product	Average per day	Maximum per day

Part F – Water Consumption

Type	Source	Volume (gpd)
<i>Surface Water</i>		
<i>Well Water</i>		
<i>Municipal</i>		
<i>Reuse</i>		
<b>Total Water Consumption</b>		

Part G – Wastewater Discharge

*Include only water that is discharged to the sewer system.*

Wastewater	Daily Avg. Flow	Daily Max Flow	Batch or Continuous
Process:			
Process:			
Process:			
Miscellaneous:			
Non-Contact Cooling Water			
Total			

*If applicable, describe the flow measuring device(s) used to determine the above flows:*

Section D – Treatment

Part A – Raw Water Treatment

*Describe any **raw water treatment processes** used by the facility; include both current and planned systems.*

Part B – Wastewater Pretreatment

*Describe any **wastewater pretreatment processes** used by the facility; include both current and planned systems.*

## Section E –Pollutants

### Part A – Priority Pollutants

Please indicate by placing an "X" in the appropriate box by each listed chemical whether it is known to be absent, suspected to be absent, suspected to be present, or known to be present in your manufacturing or service activity or generated as a byproduct. **Compounds may only be marked as "Known Absent" if testing has been conducted to show they are not present, otherwise, they are only "Suspected Absent".**

For chemical compounds which are indicated to be "known present" please fill in the columns on annual usage and estimated loss to the sewer in pounds per year. Estimated loss to the sewer for a given pollutant may be calculated by using the following formula: (daily concentration value of pollutant) x (daily process flow rate) x (8.34) = Estimated loss /lbs per day. Next, multiply estimated loss/lbs per day by number of operating days in a year to obtain yearly loss to sewer.

Chemical Compound / CAS Number	Known Absent	Suspected Absent	Suspected Present	Known Present	Annual Usage lbs/yr	Estimated loss to sewer lbs/yr
1. Acenaphthene/83-32-9						
2. Acrolein/107-02-8						
3. Acrylonitrile/107-13-1						
4. Benzene/71-43-2						
5. Benzidine/92-87-5						
6. Carbon Tetrachloride/56-23-5						
7. Chlorobenzene/108-90-7						
8. 1, 2, 4-trichlorobenzene/120-82-1						
9. Hexachlorobenzene/118-74-1						
10. 1, 2,-Dichloroethane/107-06-2						
11. 1, 1, 1-Trichloroethane/71-55-6						
12. Hexachloroethane/67-72-1						
13. 1, 1-Dichloroethane/75-34-3						
14. 1, 1, 2-Trichloroethane/79-00-5						
15. 1,1,2,2-Tetrachloroethane/79-34-5						
16. Chloroethane/75-00-3						
17. Bis(chloromethyl) Ether/542-88-1						
18. Bis(2-chloroethyl) Ether/111-44-4						
19. 2-Chloroethyl Vinyl Ether/110-75-8						
20. 2-Chloronaphthalene/91-58-7						
21. 2, 4, 6-Trichlorophenol/88-06-2						
22. Parachlorometa Cresol/59-50-7						
23. Chloroform/67-66-3						
24. 2-Chlorophenol/95-57-8						
25. 1, 2-Dichlorobenzene/95-50-1						

Chemical Compound / CAS Number	Known Absent	Suspected Absent	Suspected Present	Known Present	Annual Usage lbs/yr	Estimated loss to sewer lbs/yr
26. 1, 3-Dichlorobenzene/541-73-1						
27. 1, 4-Dichlorobenzene/106-46-7						
28. 3, 3-Dichlorobenzidine/91-94-1						
29. 1, 1-Dichloroethylene/75-35-4						
30. 1, 2-Trans-dichloroethylene/156-60-5						
31. 2, 4-Dichlorophenol/120-83-2						
32. 1, 2-Dichloropropane/78-87-5						
33. 1, 3 -Dichloropropylene/542-75-6						
34. 2, 4-Dimethylphenol/105-67-9						
35. 2, 4-Dinitrotoluene/121-14-2						
36. 2, 6-Dinitrotoluene/606-20-2						
37. 1, 2-Diphenylhydrazine/122-66-7						
38. Ethylbenzene/100-41-4						
39. Fluoranthene/206-44-0						
40. 4-Chlorophenyl phenyl ether/7005-72-3						
41. 4-Bromophenyl phenyl ether/101-56-3						
42. Bis(2-Chloroisopropyl) ether/108-60-1						
43. Bis(2-chloroethoxy) methane/111-41-1						
44. Methylene chloride/75-09-2						
45. Methyl chloride/74-87-3						
46. Methyl bromide/74-83-9						
47. Bromoform/75-25-2						
48. Dichlorobromomethane/75-27-4						
49. Trichlorofluoromethane/75-69-4						
50. Dichlorodifluoromethane/75-71-8						
51. Chlorodibromomethane/124-48-1						
52. Hexachlorobutadiene/87-68-3						
53. Hexachlorocyclopentadiene/77-47-4						
54. Isophorone/78-59-1						
55. Naphthalene/91-20-3						
56. Nitrobenzene/98-95-3						
57. 2-Nitrophenol/88-75-5						
58. 4-Nitrophenol/100-02-7						
59. 2, 4-Dinitrophenol/51-28-5						

Chemical Compound / CAS Number	Known Absent	Suspected Absent	Suspected Present	Known Present	Annual Usage lbs/yr	Estimated loss to sewer lbs/yr
60. 4, 6-Dinitro-o-cresol/534-52-1						
61. N-Nitrosodimethylamine/62-75-9						
62. N-Nitrosodiphenylamine/86-30-6						
63. N-Nitrosodi-n-propylamine/621-64-7						
64. Pentachlorophenol/87-86-5						
65. Phenol/108-95-2						
66. Bis(2-ethylhexyl) Phthalate/117-81-7						
67. Butyl benzyl Phthalate/84-68-2						
68. Di-n-butyl Phthalate/84-74-2						
69. Di-n-octyl Phthalate/117-84-0						
70. Diethyl Phthalate/84-66-2						
71. Dimethyl Phthalate/131-11-3						
72. Benzo(a)anthracene/56-55-3						
73. Benzo(a)pyrene/50-32-8						
74. 3, 4-Benzofluoranthene/205-99-2						
75. Benzo(k)fluoranthene/207-08-9						
76. Chrysene/218-01-9						
77. Acenaphthylene/208-96-8						
78. Anthracene/120-12-7						
79. Benzo(ghi)perylene/191-24-2						
80. Fluorene/86-73-7						
81. Phenanthrene/85-01-8						
82. Dibenzo(a, h)anthracene/53-70-3						
83. Indeno(1, 2, 3,-cd)pyrene/193-39-5						
84. Pyrene/129-00-0						
85. Tetrachloroethylene/129-18-4						
86. Toluene/108-88-3						
87. Trichloroethylene/79-01-6						
88. Vinyl Chloride/75-01-4						
89. Aldrin/309-00-2						
90. Dieldrin/60-57-1						
91. Chlordane/57-74-9						
92. 4, 4-DDT/50-29-3						
93. 4, 4-DDE/72-55-9						

Chemical Compound / CAS Number	Known Absent	Suspected Absent	Suspected Present	Known Present	Annual Usage lbs/yr	Estimated loss to sewer lbs/yr
94. 4, 4-DDD/72-54-8						
95. a-Endosulfan-Alpha/959-98-8						
96. b-Endosulfan-Beta/33213-65-9						
97. Endosulfan Sulfate/1031-07-8						
98. Endrin/72-20-8						
99. Endrin Aldehyde/7421-93-4						
100. Heptachlor/76-44-8						
101. Heptachlor Epoxide/1024-57-3						
102. a-BHC-Alpha/319-84-6						
103. b-BHC-Beta/319-85-7						
104. r-BHC (lindane)-Gamma/58-89-9						
105. g-BHC-Delta/319-86-8						
106. PCB-1242 (Arochlor 1242)/53469-21-9						
107. PCB-1254 (Arochlor 1254)/27323-18-8						
108. PCB-1221 (Arochlor 1221)/11104-28-2						
109. PCB-1232 (Arochlor 1232)/11141-16-5						
110. PCB-1248 (Arochlor 1248)/12672-29-6						
111. PCB-1260 (Arochlor 1260)/11096-82-5						
112. PCB-1016 (Arochlor 1016)/12674-11-2						
113. Toxaphene/8001-35-2						
114. Antimony						
115. Arsenic						
116. Asbestos						
117. Beryllium						
118. Cadmium						
119. Hexavalent Chromium						
120. Copper						
121. Cyanide						
122. Lead						
123. Mercury						
124. Nickel						
125. Selenium						
126. Silver						
127. Thallium						



Chemical Compound / CAS Number	Known Absent	Suspected Absent	Suspected Present	Known Present	Annual Usage lbs/yr	Estimated loss to sewer lbs/yr
128. Zinc						
129. 2,3,7,8 – Tetrachlorodibenzo-p-dioxin (TCDD) / 1746-01-6						

#### Part B – Additional Pollutants

*Describe any additional chemicals used by the facility that may be spilled or discharged to the system. (i.e. Sterilizing cleaners that may contain strong bases/acids, corrosion control solutions that may contain metals and harsh chemicals...) Please use additional sheets if necessary and attach any applicable SDS sheets.*

Chemical Compound	Volume Stored (gallons)	Approx. Volume Discharged to Sewer (gallons)

#### Part C – Hazardous Waste Notification

	<i>Initial below if true</i>
--	------------------------------

1. No hazardous wastes are discharged to the sanitary sewer.

2. Less than 15 kilograms or 33.1 pounds of hazardous wastes are discharged to the sanitary sewer per calendar month (1 oz. in 1 gal. = 8.34 lbs) (<33.1 = 3.77 gallons per month)

***If #1 or #2 applied, please proceed to #6. Otherwise, proceed to #3.***

3. Any quantity of acute (as defined in 40 CFR 261.30(d) and 261.33(e)), hazardous wastes are discharged to the sanitary sewer per calendar month.

4. More than 15 kilograms or 33.1 pounds of hazardous wastes are discharged to the sanitary sewer system per calendar month.

5. More than 100 kilograms or 220.7 pounds of hazardous wastes are discharged to the sanitary sewer per calendar month.

***Please continue if #3 or #5 applied. Otherwise, please proceed to #6.***

Please describe the wastes indicated on #3 or #5 below.

Name(s) of hazardous waste: \_\_\_\_\_

EPA hazardous waste numbers: \_\_\_\_\_

Method of discharge: ☐ Continuous ☐ Batch ☐ Other

6. I have a program in place to reduce the volume and toxicity of hazardous wastes generated to the degree I have determined to be economically practical.

## SECTION F – Site Plan

*Please attach an updated sewer site plan or pretreatment schematic along with your completed permit application.*

- *The site plan must include and label the following:*
  1. *Processing area(s)/equipment*
  2. *Pretreatment area(s)/equipment (if applicable)*
  3. *Chemical storage area(s)*
  4. *Sewer discharge point(s)*

## SECTION G – Certification

*"I, \_\_\_\_\_ (duly authorized representative of the above named facility), 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 fine and imprisonment for knowing violations."*

*Signature* \_\_\_\_\_

*Date* \_\_\_\_\_

Return the completed form to City of Greeley WTRF via mail to:

**Industrial Pretreatment Program**

**Greeley WTRF**

300 East 8<sup>th</sup> St,

Greeley, CO 80631