



City of Boulder Public Works

Wastewater Classification Survey

All industrial users of the City of Boulder wastewater utility system are required to submit a completed Wastewater Classification Survey (WWCS) as required by the Boulder Revised Code Title 11 Chapter 3 (BRC 11-3). The user is required to update the survey whenever significant changes are made in an industrial operation or process.

All industrial users must complete Section A-E and Section J. If wastewater is generated from sources other than restrooms, cafeterias, or food preparation areas you must complete ALL sections.

There may be a \$100.00 filing fee as described at BRC 4-20-31. All Industrial Users that hold a discharge permit are required to submit the fee, others should contact the Industrial Pretreatment Program at COBPretreatment@BoulderColorado.gov for more information or to request an invoice.

Please return the completed survey to:

City of Boulder, Industrial Pretreatment Program
4049 75th Street, Boulder, CO 80301

A. General Information

Business Name: _____

Mailing Address: _____

Site Address: _____

Contact Information:

Type:	Name:	Title:	Phone:	Email:
Principal Executive Officer (VP or higher) or General Partner or Proprietor				
Environmental Day-to-Day Contact:				
Finance Contact:				
Other:				

Type of Discharge:

Existing: Proposed: Proposed Date: _____

B. Product / Service Information

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 mark beside the category of business activity (check ALL that apply).

	Airport Deicing
	Aluminum Forming
	Asbestos Manufacturing
	Assembly
	Battery Manufacturing
	Biotechnology
	Can Making
	Canned & Preserved Fruit & Vegetable Processing
	Canned & Preserved Seafood
	Carbon Black Manufacturing
	Cement Manufacturing
	Centralized Waste Treatment
	Chemical Manufacturing
	Coal Mining
	Coil Coating
	Concentrated Animal Feeding Operations
	Concentrated Aquatic Animal Production
	Construction & Development
	Cooling Towers
	Copper Forming
	Dairy Product Processing
	Education / Vocation
	Electrical & Electronic Components
	Electroplating
	Engraving / Coating
	Explosives Manufacturing
	Fertilizer Manufacturing
	Ferroalloy Manufacturing
	Flammables / Explosives on site
	Food Processing
	Foundries (Metal Molding & Casting)
	Gas Station
	Glass Manufacturing
	Government
	Grain Mills
	Gum & Wood Chemicals Manufacturing
	Hospital / Medical Care
	Ink Formulation
	Inorganic Chemicals Manufacturing
	Iron & Steel Manufacturing
	Laboratory
	Landfill
	Laundry / Dry Cleaning
	Leather Tanning & Finishing
	Machine Shop

	Manufacturing (not otherwise listed)
	Marijuana (MIP, Testing, or Grow Only)
	Meat & Poultry Products
	Metal Finishing
	Metal Products & Machinery
	Metal Molding & Casting
	Mineral Mining & Processing
	Nonferrous Metals Forming & Metal Powders
	Nonferrous Metals Manufacturing
	Office Unit
	Oil & Gas Extraction
	Ore Mining & Dressing
	Organic Chemicals, Plastics, & Synthetic Fibers
	Paint Formulating
	Paint / Stripping / Finishing
	Paving & Roofing Materials (Tars & Asphalt)
	Pesticide Chemicals
	Petroleum Refining
	Pharmaceutical Manufacturing
	Phosphate Manufacturing
	Photographic Processing
	Plant Wash Down
	Plastic Molding & Forming
	Porcelain Enameling
	Printed Circuit Board Manufacturing
	Printing
	Pulp, Paper, & Paperboard
	Repair Shop
	Research & Development (R&D)
	Restaurant
	Retail Trade
	Rubber Manufacturing
	Soap & Detergent Manufacturing
	Steam Electric Power Generating
	Sugar Processing
	Textile Mills
	Timber Products Processing
	Transportation Equipment Cleaning
	Warehouse
	Waste Combustors
	Wood Preserving / Finishing
	Other (Describe process or operations)

Provide a brief description of the operations at this facility including primary products or services:

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List applicable codes for ALL processes and a brief description. If more than one applies – list in descending order of importance:

Standard Industrial Classification (SIC) https://www.osha.gov/pls/imis/sicsearch.html	North American Industry Classification (NAICS) http://www.census.gov/eos/www/naics/

List principle raw materials used:

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List any catalysts or intermediates if used or produced.

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C. Plant Operational Characteristics

Shift Information:	1st	2nd	3rd
Shift Start/End Times			
Avg # of employees per shift.			
Days that shift is worked.			

	Yes	No	
Is operation subject to seasonal variation?			Month(s) of Peak Operation
Are there scheduled shutdowns (vacation, maintenance, other)			Scheduled Shutdown Dates:

Are major processes: Continuous Batch Batches Per Day _____

D. Water Use

Where do you get your water from?

City of Boulder:

Private Well:

Other Water District:

Name on Utility Bill: _____ Water Account #: _____

If water utilities are provided by another entity such as the property owner, landlord, etc. -- list their information here:

Name:	
Mailing Address:	
Phone / Email:	

List the approximate water consumption in the facility:

<u>Equipment Type</u>	<u>Water Usage (gpd)</u>	<u>Equipment Type</u>	<u>Water Usage (gpd)</u>
Boiler Feed		Rinse Water	
Cooling Water		Sanitary System	
Evaporation		Plant / Equipment Washdown	
Contained in Product		Other	

E. Wastewater Discharge

Is the discharge to the sewer? Continuous Intermittent

Does this facility generate any wastewater other than from restrooms, cafeterias, or food preparation areas? Yes No

Are there any changes proposed which will cause generation of wastewaters other than from restrooms, cafeterias, or food preparation areas? Yes No

If YES – please explain all proposed changes and the date they will become effective:

Date

If the answer to either question above is YES, please complete the entire survey. If NO, then skip to **Section I – Non-Discharge Wastes.**

F. Wastewater Generation and Information

Attach a diagram of the facility, indicating each area where wastewater is generated and disposed. Identify floor drains, sinks, locations of internal or external sewers, and locations of sampling points, if any, for each draining area. Assign a unique name or number to each process area or draining point (001, metal finish, A, etc.).

Description of Area or Process:	Draining Area Reference Name/Number (from diagram):	Discharge Volume (gpd)

Attach additional sheets if necessary.

For each drainage area (listed above) indicate the type and quantity of the constituents that are or could be present in wastewater discharges as a result of process operation. This list is for general classes of substances. A more detailed list is in Section H – EPA Priority Pollutants and Toxic Pollutants.

<u>Constituent</u>	<u>Drainage Areas</u>	<u>Volume (gallons) &/or Concentration (mg/L)</u>
Algicide		
Ammonia		
Chlorides		
Cyanide		
Disinfectants		
Total Metals (<i>Arsenic, Beryllium, Cadmium, Chromium, Copper, Lead, Manganese, Mercury, Molybdenum, Nickel, Selenium, Silver, and Zinc</i>)		
Flammable Substances		
Fluorides		
High pH (caustics, etc)		
High Temperature Wastes		
Hydrocarbons		
Low pH (acids, etc)		
Nitrates		
Nitrites		
Oil or Grease (animal or vegetable origin)		
Oil or Grease (petroleum or mineral origin)		
PCB's		
Phenols		
Phosphorus		
Radioactive Substances		
Rubber, Latex, Plastic, Glass, etc.		
Salt Brines		

<u>Constituent</u>	<u>Drainage Areas</u>	<u>Volume (gallons) &/or Concentration (mg/L)</u>
Shredded Garbage		
Solvents		
Sulfates		
Sulfides		
Surfactants (detergents)		
Wastes high in organic content		

Identify any solutions or chemicals used in processes (not covered above) that are discharged to the city sewer.

Drainage Area Reference #	Constituent	Flow (gpd)	Concentration (mg/L)

Attach additional sheets if necessary.

Estimate the loads contributed from process wastewater discharged for the following constituents:

Loading (lbs/day)	Daily Max	7-day Max	30-day Max
5-day Biochemical Oxygen Demand (BOD ₅)			
Total Suspended Solids (TSS)			
Ammonia (NH ₃ -N)			
Total Kjeldahl Nitrogen (TKN)			
Nitrate (NO ₃ -N)			
Nitrite (NO ₂ -N)			
Phosphorus, Total as P			

G. Wastewater Pretreatment

Are there any forms of pretreatment practices at this facility? Yes No

If NO, proceed to **Section I – Non-Discharge Wastes**

If YES, -- for each waste stream treated before discharge, check the appropriate boxes for types of pretreatment used at this facility.

Type of Pretreatment	Drainage Area Reference #				
<i>Drainage Area Ref #:</i>					
Biological					
Chemical Addition					
Equalization					
Filtration					
Gasoline Trap					
Grease Trap					
Ion Exchange					
Metals Precipitation					
Neutralization / pH adjustment					
Oil Separation					
Reverse Osmosis					
Sand Trap					
Sedimentation					
Silver Recovery					
Solvent Recovery					
Other (specify):					

Attach a diagram of ALL pretreatment systems. Each diagram should include a schematic of the pretreatment system and ALL related inputs and outputs. Be sure to detail the incoming process waste streams (average daily flows and potential pollutants) and include any waste streams generated during treatment that are then returned for treatment (i.e. filter press filtrate, etc.). Show ALL outputs (i.e. hazardous waste generated or water returned for reuse, etc.)

H. EPA Priority Pollutants and Toxic Pollutants and Hazardous Substances

For each chemical listed below that is used in your manufacturing process or generated as a by-product, indicated whether the chemical is:

- Known absent or present or unknown at the facility.
- Known absent or present or unknown in the discharge.
- If the chemical is known present in the discharge, then also indicate the concentration of the compound and the volume discharged.

Volatiles (EPA 624 or other EPA approved method) – (40 CFR 122 Appendix D – Table II & CDPS Permit CO-0024147, Part III)

<u>Item No.</u>	<u>Chemical Compound</u>	<u>CAS</u>	<u>Primary EPA Approved Method</u>	<u>FACILITY Known Absent</u>	<u>FACILITY Unknown</u>	<u>FACILITY Known Present</u>	<u>DISCHARGE Known Absent</u>	<u>DISCHARGE Unknown</u>	<u>DISCHARGE Known Present</u>	<u>DISCHARGE Conc. of Compound (mg/L)</u>	<u>DISCHARGE Vol of Compound (gpd)</u>
1V	Acrolein	107-02-8	624								
2V	Acrylonitrile	107-13-1	624								
3V	Benzene	71-43-2	624/524.2								
5V	Bromoform	75-25-2	624								
6V	Carbon tetrachloride	56-23-5	624								
7V	Chlorobenzene	108-90-7	624/524.2								
8V	Chlorodibromomethane (Dibromochloromethane)	124-48-1	624								
9V	Chloroethane	75-00-3	624								
10V	2-chloroethyl vinyl ether	110-75-8	624								
11V	Chloroform	67-66-3	624/524.2								
12V	Dichlorobromomethane (Bromodichloromethane)	75-27-4	624								
14V	1,1-dichloroethane	75-34-3	624								
15V	1,2-dichloroethane	107-06-2	624/524.2								
16V	1,1-dichloroethylene (1,1-Dichloroethene)	75-35-4	624								
17V	1,2-dichloropropane	78-87-5	624								
18V	1,3-dichloropropylene (1,3-Dichloropropene)	542-75-6	624								
19V	Ethylbenzene	100-41-4	624								
20V	Methyl bromide	74-83-9	624								
21V	Methyl chloride (chloromethane)	74-87-3	624								
22V	Methylene chloride	75-09-2	624/524.2								
23V	1,1,2,2-tetrachloroethane	79-34-5	624								
24V	Tetrachloroethylene	127-18-4	624								
25V	Toluene	108-88-3	624/524.2								

<u>Item No.</u>	<u>Chemical Compound</u>	<u>CAS</u>	<u>Primary EPA Approved Method</u>	<u>FACILITY Known Absent</u>	<u>FACILITY Unknown</u>	<u>FACILITY Known Present</u>	<u>DISCHARGE Known Absent</u>	<u>DISCHARGE Unknown</u>	<u>DISCHARGE Known Present</u>	<u>DISCHARGE Conc. of Compound (mg/L)</u>	<u>DISCHARGE Vol of Compound (gpd)</u>
26V	1,2-trans-dichloroethylene (trans-1,2-Dichloroethene)	156-60-5	624								
27V	1,1,1-trichloroethane	71-55-6	624								
28V	1,1,2-trichloroethane	79-00-5	624								
29V	Trichloroethylene (Trichloroethene)	79-01-6	624								
31V	Vinyl chloride	75-01-4	624								

Acid Compounds (EPA 625 or other EPA approved method) – (40 CFR 122 Appendix D – Table II and CDPS Permit CO-0024147, Part III)

<u>Item No.</u>	<u>Chemical Compound</u>	<u>CAS</u>	<u>Primary EPA Approved Method</u>	<u>FACILITY Known Absent</u>	<u>FACILITY Unknown</u>	<u>FACILITY Known Present</u>	<u>DISCHARGE Known Absent</u>	<u>DISCHARGE Unknown</u>	<u>DISCHARGE Known Present</u>	<u>DISCHARGE Conc. of Compound (mg/L)</u>	<u>DISCHARGE Vol of Compound (gpd)</u>
1A	2-chlorophenol	95-57-8	625								
2A	2,4-dichlorophenol	120-83-2	625								
3A	2,4-dimethylphenol	105-67-9	625								
4A	4,6-dinitro-o-cresol (2-Methyl-4,6-dinitrophenol)	534-52-1	625								
5A	2,4-dinitrophenol	51-28-5	625								
6A	2-nitrophenol	88-75-5	625								
7A	4-nitrophenol	100-02-7	625								
8A	p-chloro-m-cresol (4-chloro-3-methyl phenol)	59-50-7	625								
9A	Pentachlorophenol	87-86-5	625								
10A	Phenol	108-95-2	625								
11A	2,4,6-trichlorophenol	88-06-2	625								

Base/Neutrals (EPA 625 or other EPA approved method) – (40 CFR 122 Appendix D – Table II and CDPS Permit CO-0024147, Part III)

<u>Item No.</u>	<u>Chemical Compound</u>	<u>CAS</u>	<u>Primary EPA Approved Method</u>	<u>FACILITY Known Absent</u>	<u>FACILITY Unknown</u>	<u>FACILITY Known Present</u>	<u>DISCHARGE Known Absent</u>	<u>DISCHARGE Unknown</u>	<u>DISCHARGE Known Present</u>	<u>DISCHARGE Conc. of Compound (mg/L)</u>	<u>DISCHARGE Vol of Compound (gpd)</u>
1B	Acenaphthene	83-32-9	625								
2B	Acenaphthylene	208-96-8	625								
3B	Anthracene	120-12-17	625								
4B	Benzidine	92-87-5	625								
5B	Benzo(a) anthracene	56-55-3	625								
6B	Benzo(a) pyrene	50-32-8	625								
7B	Benzo(b) fluoranthene or 3,4-benzofluoranthene	205-99-2	625								
8B	Benzo(ghi) perylene	191-24-2	625								
9B	Benzo(k) fluoranthene	207-08-9	625								
10B	Bis(2-chloroethoxy) methane	111-91-1	625								
11B	Bis(2-chloroethyl) ether	111-44-4	625								
12B	Bis(2-chloroisopropyl) ether (2,2-Oxybis (2-chloro-propane)	39638-32-9	625								
13B	Bis(2-ethylhexyl) phthalate	117-81-7	625								
14B	4-bromophenyl phenyl ether	101-55-3	625								
15B	Butyl benzyl phthalate	85-68-7	625								
16B	2-chloronaphthalene	91-58-7	625								
17B	4-chlorophenyl phenyl ether	7005-72-3	625								
18B	Chrysene	218-01-9	625								
19B	Dibenzo(a,h) anthracene	53-70-3	625								
20B	1,2-dichlorobenzene (o-dichlorobenzene)	95-50-1	625/524.2								
21B	1,3-dichlorobenzene	541-73-1	625								
22B	1,4-dichlorobenzene	106-46-7	625								
23B	3,3-dichlorobenzidine	91-94-1	625								
24B	Diethyl phthalate	84-66-2	625								

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25B	Dimethyl phthalate	131-11-3	625								
26B	Di-n-Butyl phthalate	84-74-2	625								
27B	2,4-dinitrotoluene	121-14-2	625								
28B	2,6-dinitrotoluene	606-20-2	625								
29B	Di-n-Octyl phthalate	117-84-0	625								
30B	1,2-diphenylhydrazine (as azobenzene)	122-66-7	625								
31B	Fluoranthene	206-44-0	625								
32B	Fluorene	86-73-7	625								
33B	Hexachlorobenzene	118-74-1	625								
34B	Hexachlorobutadiene	87-68-3	625								
35B	Hexachlorocyclopentadiene	77-47-4	625								
36B	Hexachloroethane	67-72-1	625								
37B	Indeno (1,2,3-cd) pyrene	193-39-5	625								
38B	Isophorone	78-59-1	625								
39B	Naphthalene	91-20-3	625								
40B	Nitrobenzene	98-95-3	625								
41B	N-nitrosodimethylamine	62-75-9	625								
42B	N-nitrosodi-n-propylamine	621-64-7	625								
43B	N-nitrosodiphenylamine	86-30-6	625								
44B	Phenanthrene	85-01-8	625								
45B	Pyrene	129-00-0	625								
46B	1,2,4-trichlorobenzene	120-82-1	625								

Pesticides (EPA 608 or other EPA approved method) – (40 CFR 122 Appendix D – Table II and CDPS Permit CO-0024147, Part III)

<u>Item No.</u>	<u>Chemical Compound</u>	<u>CAS</u>	<u>Primary EPA Approved Method</u>	<u>FACILITY Known Absent</u>	<u>FACILITY Unknown</u>	<u>FACILITY Known Present</u>	<u>DISCHARGE Known Absent</u>	<u>DISCHARGE Unknown</u>	<u>DISCHARGE Known Present</u>	<u>DISCHARGE Conc. of Compound (mg/L)</u>	<u>DISCHARGE Vol of Compound (gpd)</u>
1P	Aldrin	309-00-2	608								
2P	Alpha-BHC	319-84-6	608								
3P	Beta-BHC	319-85-7	608								
4P	Gamma-BHC (Lindane)	319-86-8	608								
5P	Delta-BHC	58-89-9	608								
6P	Chlordane	57-74-9	608								
7P	4,4-DDT	50-29-3	608								
8P	4,4-DDE	72-55-9	608								
9P	4,4-DDD (TDE) (Tetrachlorodiphenylethane)	72-54-8	608								
10P	Dieldrin	60-57-1	608								
11P	Alpha-endosulfan (Endosulfan I)	959-98-8	608								
12P	Beta-endosulfan (Endosulfan II)	33213-65-9	608								
13P	Endosulfan sulfate	1031-07-8	608								
14P	Endrin	72-20-8	608								
15P	Endrin aldehyde	7421-93-4	608								
16P	Heptachlor	76-44-8	608								
17P	Heptachlor epoxide	1024-57-3	608								
18P	PCB-1242 (Arochlor 1242)	53469-21-9	608								
19P	PCB-1254 (Arochlor 1254)	11097-69-1	608								
20P	PCB-1221 (Arochlor 1221)	11104-28-2	608								
21P	PCB-1232 (Arochlor 1232)	11141-16-5	608								
22P	PCB-1248 (Arochlor 1248)	12672-29-6	608								
23P	PCB-1260 (Arochlor 1260)	11096-82-5	608								
24P	PCB-1016 (Arochlor 1016)	12674-11-2	608								
25P	Toxaphene	8001-35-2	608								

Table III – Other Toxic Pollutants (Metals & Cyanide) & Total Phenols (40 CFR 122 Appendix D – Table III and CDPS Permit CO-0024147, Part III)

<u>Item No.</u>	<u>Chemical Compound</u>	<u>CAS</u>	<u>Primary EPA Approved Method</u>	<u>FACILITY Known Absent</u>	<u>FACILITY Unknown</u>	<u>FACILITY Known Present</u>	<u>DISCHARGE Known Absent</u>	<u>DISCHARGE Unknown</u>	<u>DISCHARGE Known Present</u>	<u>DISCHARGE Conc. of Compound (mg/L)</u>	<u>DISCHARGE Vol of Compound (gpd)</u>
III-1	Antimony (Sb)	7440-36-0	200.8								
III-2	Arsenic (As)	7440-38-2	200.8								
III-3	Beryllium (Be)	7440-41-7	200.8								
III-4	Cadmium (Cd)	7440-43-9	200.8								
III-5	Chromium (Cr)	7440-47-3	200.8								
III-6	Copper (Cu)	7440-50-8	200.8								
III-7	Lead (Pb)	7439-92-1	200.8								
III-8	Mercury (Hg)	7439-97-6	245/1631								
III-9	Nickel (Ni)	7440-02-0	200.8								
III-10	Selenium (Se)	7782-49-2	200.8								
III-11	Silver (Ag)	7440-22-4	200.8								
III-12	Thallium (Th)	7440-28-0	200.8								
III-13	Zinc (Zn)	7440-66-6	200.8								
III-14	Cyanide (CN), Total	57-12-5	335.4								
III-15	Phenols, Total (phenolics)	E-10253	420								

Table IV – Conventional and Nonconventional Pollutants (40 CFR 122 Appendix D – Table IV)

<u>Item No.</u>	<u>Chemical Compound</u>	<u>CAS</u>	<u>Primary EPA Approved Method</u>	<u>FACILITY Known Absent</u>	<u>FACILITY Unknown</u>	<u>FACILITY Known Present</u>	<u>DISCHARGE Known Absent</u>	<u>DISCHARGE Unknown</u>	<u>DISCHARGE Known Present</u>	<u>DISCHARGE Conc. of Compound (mg/L)</u>	<u>DISCHARGE Vol of Compound (gpd)</u>
IV-1	Bromide	24959-67-9	300.0								
IV-5	Fluoride	16984-48-8	300.0								
IV-6	Nitrate (as N)	14797-55-8	300.0/352.1								
IV-8	Nitrite (as N)	14797-65-0	300.0/353.2								
IV-9	Nitrogen – Ammonia (as N)	7664-41-7	350.1/4500								
IV-10	Nitrogen – Kjeldahl (TKN)	E-10264	350.1/4500								
IV-11	Nitrogen, Total Organic	E-10264	Calculation								
IV-12	Oil & Grease	E-10140	1664/5520								
IV-13	Phosphorus, Total	7723-14-0	200.7/365.1								
IV-14	Radioactivity – Alpha, Total	12587-46-1	900.0/7110								
IV-15	Radioactivity – Beta, Total	12587-47-2	900.0/7110								
IV-16	Radioactivity – Radium, Total	7440-14-4	903.0/7500								
IV-17	Sulfate (as SO4)	14808-79-8	300.0/375.2								
IV-18	Sulfide (as S)	18496-25-8	4500-S								
IV-19	Sulfite (as SO3)	14265-45-3	4500-SO3								
IV-20	Surfactants	E-14562	5540								
IV-21	Aluminum (Al), Total	7429-90-5	200.7/200.8								
IV-22	Barium (Ba), Total	7440-39-3	200.7/200.8								
IV-23	Boron (B), Total	7440-42-8	200.7/200.8								
IV-24	Cobalt (Co), Total	7440-48-4	200.7/200.8								
IV-25	Iron (Fe), Total	7439-89-6	200.7/200.8								
IV-26	Magnesium (Mg), Total	7439-95-4	200.7/200.8								
IV-27	Molybdenum (Mo), Total	7439-98-7	200.8								
IV-28	Manganese (Mn), Total	7439-96-5	200.7/200.8								
IV-29	Tin (Sn), Total	7440-31-5	200.7/200.8								
IV-30	Titanium (Ti), Total	7440-32-6	200.7/200.8								

Table V – Toxic Pollutants & Hazardous Substances (40 CFR 122 Appendix D – Table V and CDPS Permit CO-0024147, Part III)
There may not be an EPA approved CWA method listed at 40 CFR 136 – if not use www.nemi.gov to find an appropriate method.

<u>Item No.</u>	<u>Chemical Compound</u>	<u>CAS</u>	<u>Primary EPA Approved Method</u>	<u>FACILITY Known Absent</u>	<u>FACILITY Unknown</u>	<u>FACILITY Known Present</u>	<u>DISCHARGE Known Absent</u>	<u>DISCHARGE Unknown</u>	<u>DISCHARGE Known Present</u>	<u>DISCHARGE Conc. of Compound (mg/L)</u>	<u>DISCHARGE Vol of Compound (gpd)</u>
V-1	Asbestos (friable)	12001-29-5	100.1								
V-2	Acetaldehyde	75-07-0	NEMI								
V-3	Allyl alcohol	107-18-6	NEMI								
V-4	Allyl chloride	107-05-1	NEMI								
V-5	Amyl acetate (pentyl acetate)	628-63-7	Unk								
V-6	Aniline	62-53-3	NEMI								
V-7	Benzonitrile	100-47-0	Unk								
V-8	Benzyl chloride	100-44-7	RCRA								
V-9	Butyl acetate (butyl ethanoate)	123-86-4	1666								
V-10	n-Butylamine	109-73-9	Unk								
V-11	Captan	133-06-2	617/6630								
V-12	Carbaryl	63-25-2	531.1/632 553								
V-13	Carbofuran	1563-66-2	NEMI								
V-14	Carbon disulfide	75-15-0	NEMI								
V-15	Chlorpyrifos	2921-88-2	NEMI								
V-16	Coumaphos	56-72-4	NEMI								
V-17	Cresol	Class	Unk								
V-18	Crotonaldehyde	4170-30-3	NEMI								
V-19	Cyclohexane	608-73-1	NEMI								
V-20	2,4-D (2,4-Dichlorophenoxy acetic acid)	94-75-7	615/6640								
V-21	Diazinon	333-41-5	507/614 622/1657								
V-22	Dicamba	1918-00-9	615								
V-23	Dichlobenil	1194-65-6	NEMI								

<u>Item No.</u>	<u>Chemical Compound</u>	<u>CAS</u>	<u>Primary EPA Approved Method</u>	<u>FACILITY Known Absent</u>	<u>FACILITY Unknown</u>	<u>FACILITY Known Present</u>	<u>DISCHARGE Known Absent</u>	<u>DISCHARGE Unknown</u>	<u>DISCHARGE Known Present</u>	<u>DISCHARGE Conc. of Compound (mg/L)</u>	<u>DISCHARGE Vol of Compound (gpd)</u>
V-24	Dichlone	117-80-6	RCRA								
V-25	2,2-Dichloropropionic acid	75-99-0	NEMI								
V-26	Dichlorvos	62-73-7	NEMI								
V-27	Diethylamine	109-89-7	1666/1671								
V-28	Dimethylamine	124-40-3	Unk								
V-29	Dinitrobenzene	Class	Unk								
V-30	Diquat	85-00-7	549.2								
V-31	Disulfoton	298-04-4	507/614 622/1657 525.2								
V-32	Diuron	330-54-1	632/553								
V-33	Epichlorohydrin	106-89-8	RCRA								
V-34	Ethion	563-12-2	614/1657								
V-35	Ethylenediamine	107-15-3	Unk								
V-36	Ethylene dibromide	106-93-4	NEMI								
V-37	Formaldehyde	50-00-0	NEMI								
V-38	Furfural	98-01-1	Unk								
V-39	Guthion	86-50-0	NEMI								
V-40	Isoprene	78-79-5	Unk								
V-41	Isopropanolamine Dodecylbenzenesulfonate	Unk	Unk								
V-42	Kelthane	115-32-2	NEMI								
V-43	Kepone	143-50-0	NEMI								
V-44	Malathion	121-75-5	614/1657								
V-45	Mercaptodimethur	2032-65-7	NEMI								
V-46	Methoxychlor	72-43-5	505/508/608 617/1656								
V-47	Methyl mercaptan (methanethiol)	74-93-1	Unk								
V-48	Methyl methacrylate	80-62-6	NEMI								
V-49	Methyl parathion	298-00-0	NEMI								

<u>Item No.</u>	<u>Chemical Compound</u>	<u>CAS</u>	<u>Primary EPA Approved Method</u>	<u>FACILITY Known Absent</u>	<u>FACILITY Unknown</u>	<u>FACILITY Known Present</u>	<u>DISCHARGE Known Absent</u>	<u>DISCHARGE Unknown</u>	<u>DISCHARGE Known Present</u>	<u>DISCHARGE Conc. of Compound (mg/L)</u>	<u>DISCHARGE Vol of Compound (gpd)</u>
V-50	Mevinphos	7786-34-7	NEMI								
V-51	Mexacarbate	315-18-4	632								
V-52	Monoethylamine (ethylamine)	75-04-7	Unk								
V-53	Monomethylamine (methylamine)	74-89-5	NEMI								
V-54	Naled	300-76-5	NEMI								
V-55	Napthenic acid	1338-24-5	Unk								
V-56	Nitrotoluene (all isomers)	99-08-1	NEMI								
V-57a	Parathion	56-38-2	NEMI								
V-57b	Paration, Ethyl	56-38-2	614/6630								
V-57c	Parathion, Methyl	298-00-0	614/622/165 7/6630								
V-58	Phenolsulfanate	Unk	Unk								
V-59	Phosgene	75-44-5	Unk								
V-60	Propargite	2312-35-8	NEMI								
V-61	Propylene oxide	75-56-9	Unk								
V-62	Pyrethrins	Class	Unk								
V-63	Quinoline	91-22-5	NEMI								
V-64	Resorcinol	108-46-3	NEMI								
V-65	Strontium	7440-24-6	NEMI								
V-66	Strychnine	57-24-9	NEMI								
V-67	Styrene	100-42-5	NEMI								
V-68	2,4,5-T (2,4,5-Trichlorophenoxy acetic acid)	93-76-5	615/6640								
V-69	TDE (DDD) (4,4-DDD) (Tetrachlorodiphenylethane)	72-54-8	608/617 6630								
V-70	2,4,5-TP (2-(2,4,5-Trichlorophenoxy) propanoic acid)	93-72-1	615/6640								
V-71	Trichlorofan	Unk	Unk								
V-72	Triethanolamine dodecylbenzenesulfonate	Unk	Unk								
V-73	Triethylamine	121-44-8	1666/1671								

<u>Item No.</u>	<u>Chemical Compound</u>	<u>CAS</u>	<u>Primary EPA Approved Method</u>	<u>FACILITY Known Absent</u>	<u>FACILITY Unknown</u>	<u>FACILITY Known Present</u>	<u>DISCHARGE Known Absent</u>	<u>DISCHARGE Unknown</u>	<u>DISCHARGE Known Present</u>	<u>DISCHARGE Conc. of Compound (mg/L)</u>	<u>DISCHARGE Vol of Compound (gpd)</u>
V-74	Trimethylamine	75-50-3	Unk								
V-75	Uranium	7440-61-1	NEMI								
V-76	Vanadium	7440-62-2	200.7/200.8								
V-77	Vinyl acetate	108-05-4	NEMI								
V-78	Xylene, Total	1330-20-7	524.2 / Table 1F for isomers								
V-79	Xylenol	Class	Unk								
V-80	Zirconium	7440-67-7	NEMI								

Table 1F – Pharmaceutical Pollutants (40 CFR 136 – Table 1F) – Pharmaceutical Manufacturing Required Methods

<u>Item No.</u>	<u>Chemical Compound</u>	<u>CAS</u>	<u>Primary EPA Approved Method</u>	<u>FACILITY Known Absent</u>	<u>FACILITY Unknown</u>	<u>FACILITY Known Present</u>	<u>DISCHARGE Known Absent</u>	<u>DISCHARGE Unknown</u>	<u>DISCHARGE Known Present</u>	<u>DISCHARGE Conc. of Compound (mg/L)</u>	<u>DISCHARGE Vol of Compound (gpd)</u>
1F-1	Acetonitrile	75-05-8	1666/1671								
1F-2	n-amyl acetate	628-63-7	1666								
1F-3	n-amyl alcohol	71-41-0	1666								
1F-4	Benzene	71-43-2	524.2								
1F-5	n-butyl acetate (butyl ethanoate)	123-86-4	1666								
1F-6	Tert-butyl alcohol	75-65-0	1666								
1F-7	Chlorobenzene	108-90-7	524.2								
1F-8-	Chloroform	67-66-3	524.2								
1F-9	o-Dichlorobenzene	95-50-1	524.2								
1F-10	1,2-Dichloroethane	107-06-2	524.2								
1F-11	Diethylamine	109-89-7	1666/1671								
1F-12	Dimethyl Sulfoxide	67-68-5	1666/1671								

<u>Item No.</u>	<u>Chemical Compound</u>	<u>CAS</u>	<u>Primary EPA Approved Method</u>	<u>FACILITY Known Absent</u>	<u>FACILITY Unknown</u>	<u>FACILITY Known Present</u>	<u>DISCHARGE Known Absent</u>	<u>DISCHARGE Unknown</u>	<u>DISCHARGE Known Present</u>	<u>DISCHARGE Conc. of Compound (mg/L)</u>	<u>DISCHARGE Vol of Compound (gpd)</u>
1F-13	Ethanol	64-17-5	1666/1671								
1F-14	Ethyl acetate	141-78-6	1666								
1F-15	n-Heptane	142-82-5	1666								
1F-16	n-Hexane	110-54-3	1666								
1F-17	Isobutyraldehyde	78-84-2	1666								
1F-18	Isopropanol (2-propanol)	67-63-0	1666								
1F-19	Isopropyl acetate	108-21-4	1666								
1F-20	Isopropyl ether	108-20-3	1666								
1F-21	Methanol	67-56-1	1666/1671								
1F-22	Methyl Cellosolve	109-86-4	1666/1671								
1F-23	Methylene Chloride	75-09-2	524.2								
1F-24	Methyl Formate	107-31-3	1666								
1F-25	4-methyl-2-pentanone (MIBK)	108-10-1	1666/524.2								
1F-26	Phenol	108-95-2	625								
1F-27	n-propanol	71-23-8	1666/1671								
1F-28	2-propanone (acetone)	67-64-1	524.2								
1F-29	Tetrahydrofuran	109-99-9	1666/524.2								
1F-30	Toluene	108-88-3	524.2								
1F-31	Triethylamine	121-44-8	1666/1671								
1F-32	Xylenes, Total	1330-20-7	1666								
1F-32a	Xylenes – m-xylene	108-38-3	1624C								
1F-32b	Xylenes – o, p-xylene	E-14095	1624C								
1F-32c	Xylenes – m,p-xylene	136777-61-2	1666								
1F-32d	Xylenes – o-xylene	95-47-6	1666								

- Analytical Methods were first chosen from the 40 CFR 136 lists of approved Clean Water Act Methods. If none were found, then methods may be chosen from a water method on the National Environmental Methods Index (www.nemi.gov) web page. If no water methods were indicated, but Resource Conservation and Recovery Act methods were listed, those may be chosen next.
- Preferred order of analytical methods:
 - 40 CFR 136.3 – Approved Methods for
 - Table 1A – Biological Methods for Wastewater and Sewage Sludge
 - Table 1B – Inorganic Test Procedures
 - Table 1C – Non-Pesticide Organic Compounds
 - Table 1D – Pesticides
 - Table 1E – Radiologic Test Procedures
 - Table 1F – Pharmaceutical Pollutants
 - National Environmental Methods Index (www.nemi.gov)
 - NPDES
 - EPA-NERL
 - Standard Methods
 - USGS-NWGL
 - RCRA
 - Other Published Methods
- Phenol (108-95-2) by EPA 625 and Total Phenols are (E-10253) by EPA 420.1 are not the same analyte.
- If there is Pharmaceutical Manufacturing, then you must use analyte methods listed in 40 CFR 136, Table 1F.

I. Non-Discharge Wastes

Are there any liquid wastes or sludges generated at this facility? Yes No

If NO, skip the remainder of this section and proceed to Section J.

YES	Waste Type	Units per Month	Removed from Facility by:		
			<i>Placed in Trash</i>	<i>On-Site Storage, Treatment etc.</i>	<i>Waste Hauler to a Waste Mgmt Facility</i>
	Grease				
	Oil				
	Solvent				
	Inks / Dyes				
	Paints				
	Thinner				
	Acids				
	Alkalies (Bases)				
	Plating Wastes				
	Pretreatment Sludge				
	Pesticides				
	Waste Product				
	Other (Specify)				

Does the facility have an EPA Identification Number? Yes EPA ID # _____ No

If an outside (contractor) firm removes or disposes any of the above checked wastes, state the name(s) and addresses of all waste haulers. Indicate the type of waste picked up and the average frequency of pick-up.

Waste Hauler Name	Address	Waste Type	Pick-up Freq.

Attach additional sheets if necessary.

Is there a chemical spill control plan prepared for this facility? Yes No

J. Certification of Authorized Representative

Note to signing official:

Information and data 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 procedures outlined in Section 11-3-16(b) of the Boulder Revised Code.

I hereby certify that the information found in this survey is familiar to me, is complete, and represents an accurate statement of fact to the best of my knowledge and belief.

Printed Name Title Signature Date

*“Authorized representative of industrial user means either a principal executive officer of at least the level of vice president, if the industrial user is a corporation; a general partner or proprietor, if the industrial user is a partnership of proprietorship; or a duly authorized representative, if such representative is responsible for the overall operation of the facilities from which any direct or indirect discharge originates.” – **Boulder Revised Code 11-3-2***