SOUTH PLATTE
RENEW

Industrial Pretreatment Division

Industrial Wastewater Permit Application

South Platte Renew
2900 South Platte River Drive
Englewood, CO 80110
303-762-2600

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INTRODUCTION

The purpose of this Industrial Wastewater Permit Application is to obtain information necessary to evaluate the quality and quantity of wastewater to be discharged from your facility and to determine what controls may be necessary for the South Platte Renew (SPR) to accept the wastewater. This application is intended for facilities in the service area that are or may be classified as significant industrial users (SIUs), as defined in the Code of Federal Regulations, 40 CFR 403.3(v). Industrial Wastewater Permits are issued in accordance with the Pretreatment sections of Englewood and Littleton Municipal Codes (City of Englewood Municipal Code Title 12, Chapter 2, Section 5 and City of Littleton Municipal Code Title 7, Chapter 5, Section 25) as well as Federal regulations (40 CFR, Chapter I, Subchapter N).

Information provided in this application shall be gathered and reported by a party qualified to accurately complete the application. This application must be reviewed and signed by an authorized representative as being true, accurate, and complete (see section 15.0 of the Permit Application). The discharge of wastewater to the SPR from a SIU without a valid permit shall be a violation of the City Municipal Code and Federal Regulations.

General Application Requirements

The applicant must fully complete the Industrial Wastewater Permit Application. The application requires a significant amount of information regarding the business and its waste generation and disposal activities.

No application fee is required. However, you may be billed for charges incurred by the Industrial Pretreatment Division (Division) in evaluating the application (e.g. sampling, consulting fees, etc.).

All questions/blanks must be filled-out completely and all specified enclosures must be included. Incomplete applications may be returned. If you do not have an answer for any piece of requested information, indicate as “Unknown”, or “To Be Determined”. If a section does not apply to your operations, indicate as “Not Applicable.” If needed, you can add lines to the information tables or attach additional pages.

If this is a permit renewal application, complete the application using current facility information and/or data compiled during the previous permit cycle.

It is strongly recommended that you read the entire application thoroughly before attempting to complete it, as some sections may require additional research. Instructions are provided in Appendix B.

The Permitting Process

Once the complete Industrial Wastewater Permit Application has been received by the Division, the application will be reviewed and you will be notified of any additional requirements. A detailed inspection of the facility will be performed by the Division to confirm the information submitted in the application, evaluate the facility, and to take pictures of

processes/operations for the Division's official records. You will be notified of any additional requirements resulting from the facility inspection.
The Division allows 90 days from the date of submittal of the complete application, as determined by the Division, to review the application, notify you of any additional requirements (see Appendix B, Section 7.1), and to issue an Industrial Wastewater Permit if all requirements have been met. The actual time required for this process depends on the completeness of information provided, the level of detail that is included in the information, and the timeliness of the response and compliance with any additional requirements.

Disclosure of Information and Availability to the Public:

Per City Municipal Code and Federal Regulation (40 CFR Part 403.14); All records, reports, data or other information provided as a result of disclosure required in this application shall be available for public inspection. This provision shall not be applicable to any information designated as a trade secret by the person supplying the information. Materials designated as a trade secret may include but shall not be limited to processes, operations, style of work or apparatus or confidential commercial or statistical data. Any information and data submitted by the applicant that is desired to be considered a trade secret shall have the words "Confidential Business Information," stamped on each page containing such information. Information designated as a trade secret and demonstrated to the satisfaction of the City as a trade secret shall remain confidential and shall not be subject to public inspection. Such information shall be available only to Officers, employees or authorized representatives of the City charged with implementing and enforcing the provisions of this Chapter and properly identified representatives of the U.S. Environmental Protection Agency and the Colorado Department of Public Health and Environment.

Effluent data from any User whether obtained by self-monitoring, monitoring by the City or monitoring by any State or Federal agency, shall not be considered a trade secret or otherwise confidential. All such effluent data shall be available for public inspection.

An application completeness checklist is provided for your use in Appendix A.

Instructions to complete the Wastewater Discharge Permit Application is provided in Appendix B

Send the **original**, completed application and all required enclosures to:

ATTN: ☐

South Platte Renew
Industrial Pretreatment Division
2900 S. Platte River Drive
Englewood, CO 80110

For any questions regarding completion of the application, please contact:

Dave Louch	at	**303-762-2642**	or	***dlouch@englewoodco.gov***

(Office Use Only)
Date Received:

SOUTH PLATTE RENEW
OWNED BY LITTLETON/ENGLEWOOD

INDUSTRIAL WASTEWATER PERMIT APPLICATION

1.0 FACILITY INFORMATION

1.1	**Applicant Business Name**		
1.2	**Applicant Business Owner**		
1.3	**Facility Address:** Street:		
	City:	State:	Zip:
	Phone #	Fax #	
1.4	**Business Mailing Address:** Street or P.O. Box:		
	City:	State:	Zip:
	Phone #		
1.5	**Designated Signatory Authority of the Facility** (Attach similar information for each authorized representative)		
	Name:		
	Title:		
	Address:		
	City:	State:	Zip:
	Phone #		
1.6	**Designated Facility Contact:**		
	Name		
	Title		
	Phone #		
1.7	**Is this an application for a permit renewal?**	Yes:	No:
	If yes, provide expiring permit number and expiration date:	Number:	Date:
	If no, complete the following:		
	Number of years at current address:		
	Previous Address (if applicable) Street:		
	City:	State:	Zip:
	Previous Sewer Provider (if applicable):		

2.0 BUSINESS ACTIVITY

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 of business activity (check all that apply)

2.1		**Industry Categories**	**40 CFR Part**
		Aluminum Forming	467
		Asbestos Manufacturing	427
		Battery Manufacturing	461
		Canned and Preserved Fruits and Vegetable Processing	407
		Canned and Preserved Seafood Processing (Seafood Processing)	408
		Carbon Black Manufacturing	458
		Cement Manufacturing	411
		Centralized Waste Treatment	437
		Coil Coating	465
		Concentrated Animal Feeding Operations (CAFO)	412
		Copper Forming	468
		Dairy Products Processing	405
		Electrical and Electronic Components	469
		Electroplating	413
		Ferroalloy Manufacturing	424
		Fertilizer Manufacturing	418
		Glass Manufacturing	426
		Grain Mills Manufacturing	406
		Ink Formulating	447
		Inorganic Chemicals	415
		Iron and Steel Manufacturing	420
		Leather Tanning and Finishing	425
		Meat and Poultry Products	432
		Metal Finishing	433
		Metal Molding and Casting (Foundries)	464
		Nonferrous Metals Forming and Metal Powders	471
		Nonferrous Metals Manufacturing	421
		Oil and Gas Extraction	435
		Organic Chemicals, Plastics, and Synthetic Fibers (OCPSF)	414
		Paint Formulating	446
		Paving and Roofing Materials (Tars and Asphalt)	443
		Pesticide Chemicals Manufacturing, Formulating, and Packaging	455
		Petroleum Refining	419

		Pharmaceutical Manufacturing	439
		Plastic Molding and Forming	463
		Porcelain Enameling	466
		Pulp, Paper, and Paperboard	430
		Rubber Manufacturing	428
		Soaps and Detergents Manufacturing	417
		Steam Electric Power Generation	423
		Sugar Processing	409
		Textile Mills	410
		Timber Products Processing	429
		Transportation Equipment Cleaning	442
		Waste Combustors	444

2.2	**Give a brief narrative of facility operations including materials used and products produced. This shall include all operations at your facility. Types of operations may include but are not limited to shipping/receiving, materials handling, manufacturing, testing, maintenance, storage practices, cleaning, waste handling, and pretreatment. You may write a separate section for each type of operation if deemed appropriate. (attach additional sheets if necessary):**

2.3	**Indicate applicable Standard Industrial Classification (SIC) codes and/or North American Industry Classification System Codes (NAICS)**											
	a.											
	b.											
	c.											
	d.											
2.4	**List all Federal, State, or local environmental permits or other environmental regulatory controls issued to your facility (i.e. Air, NPDES, Storm Water, Hazardous Waste Generator, etc.)**											
	Permit Type:			Issued by:							Permit Number:	
2.5	**Facility Operational Characteristics (if this is a new business, provide an estimate)**											
	Shift Information											
	Work Days (check days)			Mon	Tue	Wed	Thur	Fri	Sat	Sun		
				☐	☐	☐	☐	☐	☐	☐		
	Shifts per work day (number)											
	Employees per shift	1st										
		2nd										
		3rd										
	Shift start and end times	1st										
		2nd										
		3rd										
	Indicate whether the business activity is:											
		Continuous through the year, or										
		Seasonal (if seasonal, circle the months of the year during which the business occurs)										
	J	F	M	A	M	J	J	A	S	O	N	D
	Comments											
	Does your facility shut down for vacation, maintenance, or other reasons?											
		Yes, indicate reasons and period when shutdown occurs										

		No
2.6	**Are any process changes or expansions planned during the next three years that could alter wastewater volumes or characteristics?**	
	Yes	No
	If Yes, briefly describe these changes and their effects on the wastewater volume and characteristics (attach additional sheets if needed).	

3.0 WATER SUPPLY AND CONSUMPTION

3.1	**Water Sources: (Check as many as area applicable.)**			
		Private Well		
		Municipal Water Utility (Specify City or Utility):		
		Other (Specify):		
3.2	**Name (as listed on water bill):**			
	Street:			
	City:		State:	Zip:
3.3	**Water service account number:**			
3.4	**Attach copies of water bills covering the previous one year. If these documents are not available (i.e. for new permittees or existing permittees that do not have flow meters), then the information below shall be estimated.**			
	Total water consumption for the previous 12 months (gallons)			
	Average water consumption per working day (gallons)			
3.5	**Water use distribution (list average water usage on premises, new facilities shall estimate)**			
	Type		Average Water Usage (GPD)	Estimate (E) or Measured (M)
	Irrigation (landscaping and lawn care)			
	Sanitary/Domestic (approximately 15 gallons per employee per work day)			
	Plant and equipment sanitation and cleaning			
	Contained in product			

	Contact cooling water		
	Non-contact cooling water		
	Boiler feed water		
	Process water		
	Other (itemize below)		
	Total		

4.0 SEWER CONNECTION INFORMATION

4.1	*a. For an existing business:* Is the building presently connected to the public sanitary sewer system?			
	Yes	Enter sanitary sewer account number:		
	No	Have you applied for a sanitary sewer hookup/account?	Yes	No
	b. For a new business			
	Will you occupy an existing building? (If No, proceed to part c.)		Yes	No
	Is there a discrete sewer connection from your business, serving only your business, to the public sanitary sewer system?		Yes	No
	c. For a new business constructing a new building			
	Will you be connected to the public sanitary sewer system?		Yes	No
	Have you applied for a building permit?		Yes	No
	Has a sanitary sewer account been established? (If Yes, enter account number):		Yes	No
4.2	**Sanitary sewer tie-in information (if applicable)**			
	Enter number of locations (tie-in points) to the public sanitary sewer system:			
	Provide a description for each tie-in location including piping size, flow directions, manhole numbers, and distances. Attach additional sheets if necessary. See instructions (Appendix B).			

5.0 RAW MATERIALS AND CHEMICALS

List all raw materials (non-chemical) stored and used at the facility/site. Information can be submitted in a spreadsheet, database, or other format that includes all of the specified information. New facilities must estimate the stored volume and usage volumes of the raw materials. Attach additional sheets if necessary

5.1	Raw Material Number	Raw Material Name	Quantity stored on-site (indicate units)	Quantity used (indicate units)

List all chemicals (liquid and dry) stored and/or used at the facility/site. Chemical used may be submitted as commonly used generic name or trade name. Information can

be submitted in a spreadsheet, database, or other format that includes all of the specified information. New facilities must estimate the stored volume and usage volumes of the chemicals. Attach additional sheets if necessary. The Material Safety Data Sheets (MSDS) or Safety Data Sheets (SDS) for all chemicals must be available upon request.

5.2	Chemical Number	Chemical Name	Quantity stored on-site (indicated units)	Quantity used (indicate units)

6.0 FACILITY INFRASTRUCTURE AND SITE DIAGRAMS

Attach the diagrams listed below. Diagrams shall be legible, to scale and include a north arrow. If applicable, include a key or legend on the diagrams. For large facilities, several sheets may be necessary. For small facilities, one diagram may be sufficient to encompass all the information below:

6.1	***Site Diagram (exterior)***
	This diagram should clearly identify the location of the property line, site buildings, adjacent streets, any outdoor storage areas, any grease or sand interceptors exterior to the building, any on-site storm drain locations, any on-site sanitary or storm sewer manholes, the approximate location of the sanitary sewer tie-in(s), and any other pertinent information on the exterior of the site building. Aerial photographs with added information may be used. Those applying for a discharge permit (Section 7.0) should also include any monitoring or metering points on the exterior of site buildings.
6.2	***Building Diagram /Floor Diagram (interior)***
	This diagram should clearly identify all process areas, individual storage tanks, all storage areas, all floor drains/trench drains, all sinks, restrooms, any other access points to the sanitary sewer, and any other pertinent information on the interior of the site buildings. All plumbing fixtures such as floor drains, trench

	drains, sinks, or other access points to the sanitary sewer should be numbered with a Plumbing Fixture ID for reference in other portions of the application (i.e. FD1, FD2, TD1, S1). Those applying for a discharge permit (Section 7.0) should also include any monitoring or metering points within the site building.
6.3	***As-Built Plumbing Diagram***
	This diagram should detail plumbing plans, including all water lines and sewer lines, and identify process and storage areas for reference. Include any floor drains/trench drains, all sinks, restrooms, any other access points to the sanitary sewer, and any other pertinent information on the interior of the site buildings. Differentiate between open and capped/severed access points to the sanitary sewer. All plumbing fixtures such as floor drains, trench drains, sinks, or other access points to the sanitary sewer should be numbered with a Plumbing Fixture ID for reference in other portions of the application.

7.0 WASTEWATER DISCHARGE INFORMATION

Review the instruction provided in Appendix B regarding this section. Provided in Appendix B is a list of special considerations applicants may find helpful when considering whether to apply to discharge regulated wastewater or manage it through other means.							
7.1	**Does (or will) this facility discharge wastewater other than domestic wastewater to the public sanitary sewer system?**						
	Yes	If the answer to this question is “Yes”, complete the remainder of section 7.0. By answering “Yes” you are applying for a “Discharging permit”.					
	No	If the answer to this question is “No” skip to section 8.0. By answering “No” you are applying for a “Non-discharging permit”.					
7.2	**Method of process wastewater discharge?**						
	Continuous						
	Batch discharged		If batch discharged, skip to section 7.4				
7.3	**Provide the following information on process wastewater flow rate. (New facilities may estimate)**						
	Hours per day discharged (e.g., 8 hours/day)						
	M	T	W	TH	F	Sat	Sun
	Hours of discharge (e.g., 9 a.m. to 5 p.m.)						
	M	T	W	TH	F	Sat	Sun
	Peak hourly discharge flow rate (gallons/hour)						
	Maximum daily flow (gallons/day)						
	Daily average flow (gallons/day)						

7.4	**Provide the following information regarding the batch discharge of process wastewater. (New facilities may estimate)**						
	Number of batch discharges (per day or per week)						
	Average volume per discharge (gallons)						
	Day(s) of week when discharge occurs and approximate times of discharge						
	M	T	W	TH	F	Sat	Sun
7.5	**Identify and describe the types of monitoring equipment currently employed, or planned, at your facility**						
	a. Flow Monitoring Equipment:						
	b. pH Monitoring Equipment:						
	c. Sampling Equipment:						

7.6	**Monitoring Point Location: For each monitoring point (or proposed monitoring point), describe the infrastructure including any structures, pipes, valves, tanks, monitoring equipment, sample ports, associated with the monitoring point. (attach additional sheets if necessary):**	
	Monitoring Point Number	Description of Monitoring Point
7.7	**Is process wastewater mixed with non-process wastewater prior to the sampling point?**	
		Yes, describe
		No
7.8	**Characteristics of Wastewater Discharge:** For permit renewals, enter the average, and maximum concentrations based on self-monitoring sampling from	

	the previous three years. If a pollutant listed below was not monitored per current permit requirements, indicate as NA (not applicable) under the average reported concentrations. New facilities should indicate what pollutants will be present or are suspected to be present in proposed wastestreams by placing a P (expected to be present), S (may be present), or O (will not be present) under the average reported values.		
	Pollutant	**Average Reported Concentrations**	**Maximum Reported Concentration**
	Acenaphthene		
	Acrolein		
	Acrylonitrile		
	Benzene		
	Benzidine		
	Carbon Tetrachloride		
	Chlorobenzene		
	1,2,4-Trichlorobenzene		
	Hexachlorobenzene		
	1,2-Dichloroethane		
	1,1,1-Trichloroethane		
	1,1,2,2,-Tetrachloroethane		
	Chloroethane		
	Bis(2-Chloroethyl)ether		
	17 Bis (chloro methyl) ether		
	2-Chloroethyl vinyl Ether		
	2-Chloronaphthalene		
	2,4,6-Trichlorophenol		
	Parachlorometa cresol		
	Chloroform		
	2-Chlorophenol		
	1,2-Dichlorobenzene		
	1,3-Dichlorobenzene		
	1,4-Dichlorobenzene		
	3,3'-Dichlorobenzidine		
	1,1-Dichloroethylene		
	1,2-Trans-Dichloroethylene		
	2,4-Dichlorophenol		
	1,2-Dichloropropane		
	1,2-Dichloropropylene		
	1,3-Dichloropropylene		
	2,4-Dimethylphenol		
	2,4-Dinitrotoluene		
	2,6-Dinitrotoluene		

	1,2-Diphenylhydrazine		
	Ethylbenzene		
	Fluoranthene		
	4-Chlorophenyl Phenyl Ether		
	4-Bromophenyl Phenyl Ether		
	Bis(2-Chloroethyl)ether		
	Bis(2-chloroethoxy)methane		
	Methylene Chloride		
	Bromoform		
	Dichlorobromomethane		
	Chlorodibromomethane		
	Hexachlorobutadiene		
	Hexachlorocyclopentadiene		
	Isophorone		
	Naphthalene		
	Nitrobenzene		
	Nitrophenol		
	2-Nitrophenol		
	4-Nitrophenol		
	2,4-Dinitrophenol		
	4,6-Dinitro-O-Cresol		
	N-Nitrosodimethylamine		
	N-Nitrosodiphenylamine		
	N-Nitrosodi-N-Propylamine		
	Pentachlorophenol		
	Phenol		
	Bis(2-ethylyhexyl)phthalate		
	Butylbenzyl Phthalate		
	Di-N-Butyl Phthalate		
	Di-N-Octyl Phthalate		
	Diethyl Phthalate		
	Dimethyl Phthalate		
	Benzo(a)anthracene		
	Benzo(a)pyrene		
	3,4-Benzofluoranthene		
	Benzo(k)fluoranthene		
	Chrysene		
	Acenaphthylene		
	Anthracene		

	Benzo(ghi)perylene		
	Fluorene		
	Phenanthrene		
	Dibenzo(a,h)anthracene		
	Indeno(1,2,3-cd)pyrene		
	Pyrene		
	Tetrachloroethylene		
	Toluene		
	Trichloroethylene		
	Vinyl Chloride		
	Aldrin		
	Dieldrin		
	Chlordane		
	4,4'-DDT		
	4,4’-DDE		
	4,4'-DDD		
	Alpha-Endosulfan		
	Beta-Endosulfan		
	Endosulfan Sulfate		
	Endrin		
	Endrin Aldehyde		
	Heptachlor		
	Heptachlor Epoxide		
	Alpha-BHC		
	Beta-BHC		
	Gamma-BHC		
	Delta-BHC		
	PCB-1242		
	PCB-1254		
	PCB-1221		
	PCB-1232		
	PCB-1248		
	PCB-1260		
	PCB-1016		
	Toxaphene		
	(TCDD)		
	Asbestos		
	Acidity		
	Alkalinity		
	Bacteria		
	Chloride		
	Chlorine		
	Fluoride		
	Hardness		
	Magnesium		

	NH3-N		
	TOC		
	Kjeldahl N		
	Nitrate N		
	Nitrite N		
	Organic N		
	Orthophosphate P		
	Phosphorous		
	Sodium		
	Specific Conductivity		
	Sulfate (SO4)		
	Sulfide (S)		
	Sulfite (SO3)		
	Ammonia		
	Antimony		
	Arsenic		
	Barium		
	Beryllium		
	Cadmium		
	Chromium		
	Copper		
	Cyanide		
	Lead		
	Mercury		
	Molybdenum		
	Nickel		
	Selenium		
	Silver		
	Thallium		
	Zinc		
	Oil and Grease (mg/L)		
	5-day Biochemical Oxygen Demand (BOD) (mg/L)		
	Total Suspended Solids (TSS) (mg/L)		
	Chemical Oxygen Demand (COD) (mg/L)		
	pH	Minimum:	Maximum:
	Other, please list any non-conventional or non-metal bearing wastes which are or may be present in your facility wastestream		

	Total Toxic Organics (TTO): Per the Clean Water Act, the EPA requires regulated industries subject to 40 CFR Part 413 (Electroplating), 40 CFR Part 433 (Metal Finishing), and 40 CFR Part 469 (Electrical and Electronic Components) to perform TTO analysis for constituents provided in Appendix C. The Division will notify the applicant of the applicability and the requirements to complete TTO monitoring		

8.0 PROCESS FLOW DIAGRAM

Attach a Process Flow Diagram (PFD). Review the instruction provided in Appendix B regarding this section. An example PFD is provided in Appendix D.

9.0 WASTE HANDLING

List all liquid and solid waste products generated at your facility, excluding domestic wastes. Applicants applying for a "Non-discharging permit" shall also include information pertaining to the management and disposal of process wastewater. Attach additional sheets if necessary. Alternatively, this information can be submitted in a spreadsheet, database, or other format that includes all of the specified information.

9.1	**Waste Material Number**	**Waste Material Name**	**Approximate Volume Generated (gal/day, lbs/day, gallons per quarter, etc.)**	**Means of Disposal (Include Name of Disposal Company, if applicable)**
9.2	**Are any of the generated waste products recycled or reclaimed or planned**			

	to be recycled or reclaimed? Yes: No:
	If "Yes", briefly describe the recovery process, substances recovered, products reclaimed or recycled and name of recycling company (if applicable).

10.0 WASTEWATER TREATMENT SYSTEMS

10.1	**Is any form of wastewater treatment (see list in Section 10.3) practiced at this facility?**	
		Yes
		No
10.2	**Is any form of wastewater treatment (or changes to existing wastewater treatment) planned for this facility within the next three years?**	
		Yes, describe:
		No
10.3	**Treatment devices or processes used or proposed for treating wastewater or sludge (check as many as appropriate)**	
		Air flotation
		Carbon treatment, type
		Centrifuge
		Chemical precipitation
		Chlorination
		Cyclone
		Evaporator
		Filtration, type
		Filter Press, type
		Flow equalization
		Grease or oil separation, type:
		Grease trap
		Grinding filter
		Grit removal
		Ion Exchange
		Neutralization, pH correction
		Ozonation

		Reverse osmosis		
		Screening		
		Sedimentation/settling, type		
		Septic tank		
		Solvent separation		
		UV oxidation		
		Other, list		
10.4	**Do you have a treatment system operator?**		Yes	No
	(If yes)	Name:		
		Title:		
		Phone:		
		Normal working hours:		
10.5	**Do you have a manual on the correct operation of your treatment equipment?**		Yes	No
10.6	**Do you have a written maintenance schedule for your treatment equipment?**		Yes	No

11.0 CONTROL PLAN FOR SPILL PREVENTION

All applicants must submit a Control Plan to minimize the potential for spills and/or slug discharges. The plan(s) shall contain all elements identified in the Division's Control Plan Policy (attached with this application package). Control Plans must be approved prior to the issuance of a permit.

12.0 BEST MANAGEMENT PRACTICES (BMPs)

Attach a sheet providing a brief description of any BMPs used or planned to be used by the facility to achieve and maintain permit requirements. BMPs may include such items as proper chemical and product storage and handling, maintenance of sand/oil interceptors or gravity grease interceptors, signage to inform employees about allowable and non-allowable discharges to sinks or floor drains, signage pertaining to proper notification procedures in case of a spill or slug discharge to the sanitary sewer system or environment, and employee training to meet the BMP requirements. BMPs may be included as part of the requirements of section 11.0 of this application.

13.0 ADDITIONAL INFORMATION

Attach a sheet providing any additional information that may be deemed pertinent to wastewater generation, treatment, disposal, or other waste management activities.

The Division may seek additional information to evaluate this application.

14.0 Certification of Pretreatment Standards Compliance

The statement below must be signed by a qualified professional. If the statement cannot be truthfully signed and additional pretreatment and/or operation and maintenance (O&M) is required to meet Pretreatment Standards and Requirements, the shortest compliance schedule by which the applicant will provide such additional pretreatment and/or O&M must be attached to this application. The compliance schedule shall include all requirements listed in 40 CFR 403.12(b)(7) and (c).

I certify that applicable Pretreatment Standards and Requirements for the applicant are being met on a consistent basis.

Name of Qualified Professional	Title/Company
Signature	Date

15.0 Certification of Application

15.1 Signatory Requirements

[40 CFR 403.12(l); Englewood 12-2-1(D); Littleton 7-5-25(B)(3)]

Section 15.2 must be signed by an authorized representative of the facility, as summarized below:

15.1.1 A responsible corporate officer, if the facility submitting this application is a corporation. A responsible corporate officer means:

15.1.1.1 A president, secretary, treasurer, or vice-president of the corporation in charge of a principal business function, or any other person who performs similar policy- or decision-making functions for the corporation, or

15.1.1.2 The manager of one or more manufacturing, production, or operating facilities, provided, the manager is authorized to make management decisions which govern the operation of the regulated facility including having the explicit or implicit duty of making major capital investment recommendations, and initiate and direct other comprehensive measures to assure long-term environmental compliance with environmental laws and regulations; can ensure that the necessary systems are established or actions taken to gather complete and accurate information for control mechanism requirements; and where authority to

sign documents has been assigned or delegated to the manager in accordance with corporate procedures.

15.1.2 A general partner or proprietor if the facility submitting this application is a partnership, or sole proprietorship respectively.

15.1.3 A duly authorized representative of the individual designated in Sections 15.1.1 and 15.1.2 above if:

15.1.3.1 The authorization is made in writing by the individual described in Sections 15.1.1 and 15.1.2 above;

15.1.3.2 The authorization specifies either an individual or a position having responsibility for the overall operation of the facility from which the Industrial Discharge originates, such as the position of plant manager, operator of a well, or well field superintendent, or a position of equivalent responsibility, or having overall responsibility for environmental matters for the company; and

15.1.3.3 The written authorization is submitted to the Control Authority.

15.1.4 If an authorization under Section 15.1.3 above is no longer accurate because a different individual or position has responsibility for the overall operation of the facility, or overall responsibility for environmental matters for the company, a new authorization satisfying the requirements of paragraph 3 above be submitted to the Control Authority prior to or together with this application to be signed by an authorized representative.

15.2 Signatory Certification

[40 CFR 403.6(a)(2)(ii); Englewood 12-2-5(D)(5)(k) and 12-2-5(E)(2)(b)(3); Littleton 7-5-25(E)(5)(k) and 7-5-25(F)(2)(b)(3)]

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 fine and imprisonment for knowing violations.

Name of Authorized Representative	Title
Signature	Date

Appendix A
Application Completeness Checklist

This checklist has been provided for your use to aid in completing the application. Not all required information is listed in the checklist. All questions/blanks must be filled-out completely and all specified enclosures must be included. Incomplete applications may be returned.

	1.0	Facility Information – Complete including designated signatory authority for the facility per the requirements of section 15.1
	2.0	Business Activity
		o Applicable Industry Categories (2.1)
		o Narrative of facility operations (2.2)
		o Applicable SIC and/or NAICS codes (2.3)
		o List of other environmental permits (2.4)
		o Operational Characteristics, work days & shift information (2.5)
		o Anticipated process changes or facility expansion
	3.0	Water Supply and Consumption
		o Water service account number (3.3)
		o Copies of water bills and water consumption calculations (3.4)
		o Water use distribution with total (3.5)
	4.0	Sewer Connection Information
		o a., b., or c. (4.1)
		o Sanitary sewer tie-in information (4.2)
	5.0	Raw Materials and Chemicals
		o Complete listing of raw materials stored or used (non-chemical) (5.1)
		o Quantity of raw materials (non-chemical) stored on site (5.1)
		o Quantity of raw materials (non-chemical) used (5.1)
		o Complete listing of chemicals (Dry or liquid) stored or used (5.2)
		o Quantity of chemicals stored on site (5.2)
		o Quantity of chemicals used (5.2)
	6.0	Facility Infrastructure and Site Diagrams
		o Site Diagram (exterior) (6.1)
		o Building Diagram / Floor Diagram (interior) (6.2)
		o As-Built Plumbing Diagram (6.3)
	7.0	Wastewater Discharge Information
		o Discharging or Non-discharging determination (7.1) , Non-discharging skip to Section 8.0
		o Process wastewater flow rate information (7.3 & 7.4)
		o Identify monitoring equipment in parts a, b, & c, (7.5)
		o Identify monitoring points (7.6)
		o Complete Characteristics of Wastewater Discharge table (7.8)
	8.0	Attach copy of Process Flow Diagram(s)
	9.0	Waste Handling

		o Identify all industrial wastes generated, volume generated, and methods of disposal (9.1)
		o List generated waste products which are recycled or reclaimed (9.2)
	10.0	Treatment – Identify all forms of wastewater and sludge treatment processes and equipment used in these processes, if any. (10.1 – 10.3)
	11.0	Control Plan for Spill Prevention – Review Division Control Plan Policy requirements and submit a Control Plan for your facility.
	12.0	Best Management Practices (BMPs) – Identify and describe BMPs used or planned to be used at your facility.
	13.0	Additional Information (if any)
	14.0	Signed Certification of Pretreatment Standards Compliance
	15.0	Signed Signatory Certification

Appendix B
Instructions for Completing Application

If response to application information requires the use of a separate or additional sheets, clearly identify the associated permit application section number at the top of the sheet(s) and note the section name.

Section 1.0 Facility Information

1.1 Applicant Business Name: Enter the facility's official or legal name.

1.2 Applicant Business Owner Name: Provide the name of the firm, parent company, public organization or any other entity which owns the business. If same as Applicant Business Name enter "same".

1.3 Address: Provide the physical location of the facility that is applying for the permit.

1.4 Business Mailing Address: Provide the mailing address where correspondence from the Division may be sent. If same as Facility Address enter "Same".

1.5 Designated Signatory Authority of the Facility: Provide the name(s) of the authorized signatories for this facility for the purposes of signing all reports. See section 15.0 of the application for the qualifications for an authorized signatory representative.

1.6 Designated Facility Contact: Provide the name(s) of a person who is thoroughly familiar with the facts reported on this application and who can be contacted by the Division (e.g. the plant manager).

1.7 Enter yes or no to the question "Is this an application for a permit renewal". If no, enter the number of years your business has been at the location listed in part 1.3. If your business has recently relocated, provide the sanitary sewer service provider from your previous location.

Section 2.0 Business Activity

2.1 Industry Categories: Check off all operations that occur or will occur at your facility. If you have questions regarding how to categorize your business activity, contact the Division for technical guidance.

2.2 Give a brief narrative of facility operations including materials used and products produced. This shall include all operations at your facility. Types of operations may include but are not limited to shipping/receiving, materials handling, manufacturing, testing, maintenance, storage practices, cleaning, waste handling, and pretreatment. You may write a separate section for each type of operation if deemed appropriate (attach additional sheets if necessary).

2.3 Indicate applicable Standard Industrial Classification (SIC) codes and/or North American Industry Classification System Codes (NAICS).

2.4 List all Federal, State, or local environmental permits or other environmental regulatory controls issued to your facility (i.e. Air NPDES, Storm Water, Hazardous Waste Generator, etc.).

2.5 Self-explanatory

2.6 Self-explanatory

Section 3.0 Water Supply and Consumption

3.1 Self-explanatory

3.2 List the name of the individual, company, property owner etc. that appears on your water bill.

3.3 Enter water service account number

3.4 Obtain and submit copies of water bills covering the previous twelve months. Enter the total water consumption for the previous twelve months in gallons. Enter the average water consumed at your facility per working day. If these documents are not available (i.e. for new permittee or existing permittee that does not have flow metering equipment), the information shall be estimated.

3.5 Enter average water usage on premises in average gallons per day. Indicate if volume entered in a measured volume (M), or estimate (E). New facilities may estimate. Enter the sum total of the rows; the total should closely match average usage daily water usage entered in section 3.4.

4.0 Sewer Connection Information

Information pertaining to this section can be obtained from your local sewer provider or city utility department.

4.1 Determine which subpart is applicable (a, b, or c) and complete the applicable portion.

4.2 Enter the number of locations (tie-in points) from your facility and property to the public sanitary sewer system. Provide a description for each tie-in location.

Example:
City of Englewood (COE) sanitary sewer tap permit #14682, issued on 12-10-1969. The building sewer drains through a 4 inch pvc pipe and connects into the 8 inch COE sewer main 107 ft. south of manhole #33-2-3-29.

5.0 Raw Materials and Chemicals (used and stored at your facility)

5.1 List all raw materials (non-chemical) stored and used at the facility and assign a Raw Material Number (e.g. RM-1). The Raw Material Number may be used in the completion of the Process Flow Diagram, see Section 8.0 and Appendix D. Indicate stored volumes using units such as pounds, tons, or gallons. Indicate the volume of raw material used using units such as pounds per day or gallons per month. Examples of raw materials include; raw steel, zinc ingots, lumber, aluminum, textiles, leather, plastics, limestone, silica sand, and raw milk.

5.2 List all chemicals (dry or liquid) stored and used at the facility and assign a Chemical Number (e.g. CM-1). The Chemical Number may be used in the completion of the Process Flow Diagram, see section 8.0 and Appendix D. Indicate stored volumes using units such as pounds, number of 55- gallon drums, 10-gallon buckets, or 1000-gallon tanks. Indicate the volume used using units such as pounds per day, or gallons per month. Examples of Chemicals include; sanitizers, dry detergents, dry powders, fertilizers, phosphating chemicals, liquid acids, condenser or boiler cleaning chemicals, petroleum based chemicals, liquid paints, solvents, degreasers, liquid dyes, and liquid pesticides. The Division may request Material Safety Data Sheets (MSDS or SDS) for all chemicals used or stored at your facility.

6.0 Facility Infrastructure and Site Diagrams

Attach legible diagrams to the application, identify each diagram per section title, example “6.3 As-Built Plumbing Plan”. Several sheets may be required for each type of diagram for large facilities. Smaller facilities might be able to combine 6.2 and 6.3.

6.1 Site Diagram (exterior): Provide a site diagram of the exterior portions of the facility. This diagram should clearly identify the location of the property line, site buildings, adjacent streets, any outdoor storage areas, any grease or sand interceptors exterior to the building, any on-site storm drain locations, any on-site sanitary or storm sewer manholes, the approximate location of the sanitary sewer tie-in(s), and any other pertinent information on the exterior of the site building. Aerial photographs with added information may be used. Those applying for a discharge permit (Section 7.0) should also include any monitoring or metering points located outside of site buildings.

6.2 Building Diagram/Floor Diagram (interior): Provide a diagram of interior features of your facility. This diagram should clearly identify all process areas, equipment locations, flow metering stations, individual storage tanks, all storage areas, all floor drains/trench drains, all sinks, restrooms, any other access points to the sanitary sewer, and any other pertinent information on the interior of the site buildings. All plumbing fixtures such as floor drains (FD), trench drains (TD), sinks (S), or other access points to the sanitary sewer should be numbered with a Plumbing Fixture ID for reference in other portions of the application (i.e. FD1, FD2, TD1, S1). Those

applying for a discharge permit (Section 7.0) should also include any monitoring or metering points within the site building.

6.3 As-Built Plumbing Diagram: Provide an accurate plumbing plan(s), including all water lines and sewer lines, and identify process and storage areas for reference. The plumbing plan should show how water and liquid chemicals are routed through the facility. Include any floor drains/trench drains, all sinks, restrooms, any other access points to the sanitary sewer, and any other pertinent information on the interior of the site buildings. Differentiate between open and capped/severed access points to the sanitary sewer. All plumbing fixtures such as floor drains, trench drains, sinks, or other access points to the sanitary sewer should be numbered with a Plumbing Fixture ID for reference in other portions of the application.

7.0 Wastewater Discharge Information

7.1 Does (or will) this facility discharge wastewater other than domestic wastewater to the public sanitary sewer system? “Yes or No”. Domestic wastes are considered those typically discharged from restrooms or break rooms, and typical domestic garbage generated from restrooms, break rooms, and typical office activities. New business applicants should consider the following prior to making this decision:

Discharging Permit Considerations

Continuous Monitoring Equipment
Prior to issuance of an Industrial Wastewater Permit, facilities may be required to install continuous electronic non-resettable flow and continuous electronic pH monitoring and recording equipment in accordance with Division specifications. If required, the flow and pH equipment must record the flow and pH twenty-four hours per day, seven days per week, including non-discharging times. The number of flow and pH monitors/recorders required depends on the number of discharge points (i.e. monitoring points) at the facility. Facilities that have the potential to discharge flammable substances must also install continuous recording explosion hazard meters that measure the lower explosive limit (LEL). The specific equipment installation guidelines for pH, flow, and LEL meters will be provided by the Division.

Monitoring Facilities
In addition to the pH, flow, and LEL meters, all facilities are required to install sample collection facilities to facilitate the collection of samples required by the permit for each monitoring point. Appropriate facilities can include sample ports for grab samples, monitoring manholes for flow-proportional sampling, etc. After reviewing the completed application, the Division will advise you of any specific requirements regarding the sample collection facilities. All sampling/monitoring facilities must be approved by the Division.

Treatment Technologies

Treatment for certain pollutants may be required prior to discharge, whether or not the discharge could meet limitations. Required treatment would include best available technologies (BAT) for pollutants that are known to be hazardous to human health and/or to the environment (toxic metals for example). The SPR is designed to treat domestic sewage and is not designed for industrial pollutants. Thus, industrial wastewater treatment must be done at the discharging facility using BAT.

Sampling and Reporting
Facilities that will discharge regulated wastewater will be required to sample on a regular frequency, as determined by the Division. This is typically monthly or quarterly. Parameters to be analyzed will be detailed in your permit. All sampling and analytical costs shall be at the expense of the permittee. In addition, the Division will sample effluent from the permitted facility, and the permittee shall be billed for costs of Division sampling and analysis.

In addition to implementation of Federal/categorical limits and associated sampling, if applicable to your facility, the Division also enforces on a set of local discharge limitations, which have been developed specific to the SPR and are listed in the Englewood and Littleton Municipal Codes.

The permittee will be required to submit regular reports to the Division, as detailed in the permit. This is typically a quarterly report.

Alternative Management of Wastewater

A Non-Discharging permit may be obtained by applicants planning to collect and haul (for off-site disposal), recycle, or evaporate all regulated industrial/commercial wastewaters from their facility.

Continuous Monitoring Equipment
The Division may require installation of continuous monitoring equipment (primarily flow metering equipment), similar to that required for those who discharge regulated wastewater.

Wastewater Management
The only wastewaters that may be discharged to the sanitary sewer are domestic (bathroom, shower, break room, boiler blow down) wastewaters and non-regulated wastewaters, as determined by the Division. All other wastewaters must be documented as evaporated, recycled, or hauled off-site for disposal.

Infrastructure
All open floor and trench drains in regulated process areas must be permanently capped. Any floor sink in the process area must be removed or the discharge piping permanently blinded to remove any capability for discharge to the sanitary sewer. Any zero discharge equipment and/or procedures used to maintain the zero

discharge status of the facility must be technically adequate and must be approved by the Division.

Reporting
The permittee will be required to submit regular reports to the Division, as detailed in the permit. This is typically a quarterly report. Copies of any waste manifests/receipts, the facility water bill and flow meter data must be included in these reports. Submission of additional information/documentation regarding your wastewater management may be required.

If your facility is applying for a Non-discharging permit, (circle "No" in section 7.1 and skip to section 8.0.

7.2 Indicate the method for wastewater discharge either by a continuous flow or collected and batch discharged. Batch discharge means that the process wastewater is collected in a vessel and discharged as needed.

If your facility is currently or will batch discharge, skip to section 7.4.

7.3 Enter the total number of hours per day in which process wastewater will be discharged and the time of day in which the discharge will occur. Applicants applying for a permit renewal shall provide accurate data based on the previous 12-months flow data regarding peak hourly flow rate, maximum daily flow rate, and average daily flow rate. New applicants shall estimate this data or use data from a previous location.

7.4 Pertains to facilities that currently or will batch discharge process wastewater. Enter the number of batch discharges that will occur per day or per week. Enter the average volume of each discharge event, and enter the days and times of the discharges. New applicants shall estimate this data.

7.5 Provide a brief description of current or planned monitoring and sampling equipment used to collect flow data, pH measurements, and sample collection. Also provide the location of this equipment. Example: *Flow data is collected using an (brand and model) ultrasonic flow meter located at the parshall flume located inside monitoring manhole #XX. Data is recorded every two minutes and transmitted and recorded at the data logger (brand and model) located on the north wall of the monitoring building.*

7.6 Monitoring Point Locations: Enter the location and description of each monitoring point or proposed monitoring point. For new applicants the selection of the appropriate sampling point(s) is critical in determining compliance with effluent limits. In determining the appropriate sampling locations, the following rules should be applied:

- Sampling location(s) must coincide with the point(s) at which the effluent limits apply
- Sampling location(s) must produce a sample representative of the nature and volume of the industrial user's effluent
- Sampling locations must be safe, convenient, and accessible to industrial user and Control Authority personnel.

An example of a descriptive monitory point: *Monitoring Point 001 (MP 001) is identified as the facility self-monitoring point location that is a representation of all process wastewater associated with printed circuit manufacturing that is discharged to the sanitary sewer system. MP 001 includes an in-line paddle wheel type flow meter and an in-line pH meter for continuous flow and pH measurement, a sample port for automated 24-Hour flow proportional sampling, and a stopcock valve for grab sampling. The MP 001 equipment is installed in the 4-inch discharge pipe located on the north side of the treatment area.*

7.7 Is process wastewater mixed or co-mingle with non-process wastewater, e.g. domestic wastes, prior to the sampling/monitoring point? If yes, provide a brief description.

7.8 Characteristics of Wastewater Discharge: A table has been provided and needs to be completed in full (no blank lines). For permit renewals, enter the average, and maximum concentrations based on self-monitoring sampling from the previous three years. If a pollutant listed below was not monitored per current permit requirements, indicate as NA (not applicable) under the average reported concentrations. New facilities should indicate what pollutants will be present or are suspected to be present in proposed wastestreams by placing a P (expected to be present), S (may be present), or O (will not be present) under the average reported values. List any non-conventional or non-metal bearing wastes not listed in the table which are or maybe present in your facility wastestream.

8.0 Process Flow Diagram (PFD)

Attach PFD(s) to the application. Multiple PFDs may be necessary if the nature of the operations at the facility is complex with several process lines. An example PFD is provided in Appendix D. The PFD is a simple line drawing illustrating the flow or path of materials in your process. For the purposes of this Permit Application, special emphasis is placed on the processes that generate wastewater and any associated treatment systems. At a minimum, the PFD At a minimum, the PFD must meet the following criteria:

a.) Each manufacturing process or activity at the facility that generates wastewater, excluding domestic wastewater, must be shown, including all raw materials, wastes, and processes.
b.) Each manufacturing process or activity at the facility that does not generate wastewater must be shown.

c.) If wastewater is treated on-site, a PFD for treatment must be included showing all pretreatment processes, raw materials, treatment tanks, pumps, piping, sampling, and control features.
d.) The destination of each material in the process must be included. This includes any water or wastewater.
e.) All current or proposed monitoring or sampling points must be included.

9.0 Waste Handling

9.1 List all liquid and solid waste products generated at your facility and assign a Waste Material Number (e.g. W-1). The Waste Material Number may be used in the completion of the Process Flow Diagram, see Section 8.0 and Appendix D, exclude domestic wastes. Domestic wastes are considered those typically discharged from restrooms or break rooms, and typical domestic garbage generated from restrooms, break rooms, and typical office activities. Provide the approximate volume of each waste product generated including units and means of disposal including the name of the disposal company, if applicable. Applicants applying for a “Non-discharging permit” shall also include information pertaining to the management and disposal of process wastewater. Attach additional sheets if necessary. Alternatively, this information can be submitted in a spreadsheet, database, or other format that includes all of the specified information. Examples of generated wastes include; spent filters, spent solvents, paint wastes, spent carbon, sludge, oils and greases, hazardous wastes etc.

9.2 List and briefly explain any processes or operating procedures currently used or planned at your facility for recycling or reclaiming waste products. Examples include recycling of scrap metal, treating process wastewater for reuse in other processes, recycling or reuse of scrap plastics.

10.0 Wastewater Treatment Systems

10.1 Does your facility employ any form of wastewater treatment prior to discharge or disposal?

10.2 Does your facility plan to install, change or upgrade any form of wastewater treatment over the next three years?

10.3 Check all applicable treatment devices or processes currently used or proposed at you’re your facility. List any devices or systems that are not provided in the table.

10.4 Does your facility have an employee or employees responsible for operating and maintaining your treatment system, dedicated full time or part of job duties? If so, provide name(s), job title, contact phone number, and normal working hours.

10.5 Does your facility have or plan to have manuals or written operating procedures on the correct operation of your treatment equipment or system?

10.6 Does your facility have or plan to have a written maintenance schedule for your treatment equipment and system?

11.0 Control Plan for Spill Prevention and Response

The Division's Control Plan Policy has been attached to this application package.

The general purpose of the Control Plan is to have systems in place at your facility to prevent substances from reaching the sanitary sewer and potentially causing the following issues:

- Interference with plant operations at the South Platte Renew (SPR)
- Adverse effects on SPR worker health and safety;
- Pass-through of pollutants from the SPR to the South Platte River;
- Contamination of municipal sludge at the SPR.

A Control Plan is required to address, at a minimum, the following elements:

- Detailed plans (schematics) showing facility layout and plumbing representative of operating procedures
- Description of contents and volumes of any process tanks
- Description of discharge practices, including non-routine batch discharges
- List of stored chemicals, including location and volumes
- Procedures for immediately notifying the Division of any spill or Slug Discharge. It is the responsibility of the User to comply with the reporting requirements of [12-2-5(E)(10)] of the Englewood Municipal Code and [7-5-25(F)(10)] of the Littleton Municipal Code.
- Procedures for managing spills
- Procedures to prevent adverse impact from any accidental or Slug Discharge. Such procedures include, but are not limited to:

  a) Inspection and maintenance of storage areas
  b) Handling and transfer of materials
  c) Loading and unloading operations
  d) Control of plant site runoff
  e) Worker training
  f) Building of containment structures or equipment
  g) Measures for containing toxic organic pollutants, including solvents
  h) Measures and equipment for emergency response

12.0 Best Management Practices (BMPs)

Attach a sheet providing a brief description of any BMPs used or planned to be used by the facility to achieve and maintain permit requirements. BMPs may include such items as proper chemical and product storage and handling, maintenance of sand/oil interceptors or gravity grease interceptors, signage to inform employees about allowable and non-allowable discharges to sinks or floor drains, signage pertaining to proper notification procedures in case of a spill or slug discharge to the sanitary sewer system or environment, and employee training to meet the BMP requirements. BMPs may be included as part of the requirements of section 11.0 (Control Plan) of this application.

13.0 Additional Information

Attach a sheet providing any additional information that may be deemed pertinent to wastewater generation, treatment, disposal, or other waste management activities. The Division may seek additional information to evaluate this application.

14.0 Certification of Pretreatment Standards Compliance

Per 40 CFR 403.12 and the City Municipal Code, an authorized representative of the applicant's facility shall certify that applicable Pretreatment Standards are being met on a consistent basis. If this statement cannot be truthfully signed, the applicant shall develop and submit under a separate document to the Division a Compliance Schedule for meeting Pretreatment Standards. The Compliance Schedule must be approved by the Division prior to the issuance of the permit.

The following conditions shall apply to the schedule:

1) The schedule shall contain increments of progress in the form of dates for the commencement and completion of major events leading to the construction and operation of additional pretreatment required for the Industrial User to meet the applicable categorical Pretreatment Standards (e.g., hiring an engineer, completing preliminary plans, completing final plans, executing contract for major components, commencing construction, completing construction, etc.).
2) No increment shall exceed 9 months.
3) Not later than 14 days following each date in the schedule and the final date for compliance, the permittee shall submit a progress report to the Division including, at a minimum, whether or not it complied with the increment of progress to be met on such date and, if not, the date on which it expects to comply with this increment of progress, the reason for delay, and the steps being taken by the permittee to return the construction to the schedule established. In no event shall more than 9 months elapse between such progress reports to the Division.

Within 90 days following the completion of the Compliance Schedule, the permittee shall sign and submit, if true and accurate, the Certification of Pretreatment Standards Compliance (section 14.0 of the application).

New Applicants

Within 90 days following the issuance of the permit, an authorized representative shall sign and submit, if true and accurate, the Certification of Pretreatment Standards Compliance (section 14.0 of the application) along with permit application data required in section 7.0. The information required in section 7.0 shall be reported based on actual facility operating conditions.

15.0 Certification of Application

An authorized representative of the facility as listed in section 1.5 of the application shall review the information provided by your facility throughout the application to determine accuracy and completeness. The authorized representative shall sign the certification statement provided in section 15.2 of the permit application.

Appendix C
Total Toxic Organics
For 40 CFR Part 413 (Electroplating), 40 CFR Part 433 (Metal Finishing), or 40 CFR Part 469 (Electrical and Electronic Components) Only
(* identifies 40 CFR Part 469 TTOs)

Total Toxic Organics (TTO): Shall mean the summation of all quantifiable values greater than 0.01 mg/l for the following toxic organics:

ORGANIC TOXIC POLLUTANTS IN EACH OF FOUR FRACTIONS
IN ANALYSIS BY GAS CHROMATOGRAPHY/MASS SPECTROSCOPY (GC/MS)

Volatiles	Base/Neutral	Acid Compounds	Pesticides/PCBs
acrolein	acenaphthene	2-chlorophenol*	aldrin
acrylonitrile	acenaphthylene	2,4-dichlorophenol*	alpha-BHC
benzene	anthracene*	2,4,-dimethylphenol	Aroclor 1016
bromoform	benzidine	4,6-dinitro-o-cresol	Aroclor 1221
carbon tetrachloride*	benzo(a)anthracene	2,4-dinitrophenol	Aroclor 1232
chlorobenzene	benzo(a)pyrene	2-nitrophenol*	Aroclor 1242
chlorodibromomethane	3,4-benzofluoranthene	4-nitrophenol*	Aroclor 1248
chloroethane	benzo(ghi)perylene	p-chloro-m-cresol	Aroclor 1254
2-chloroethylvinyl ether	benzo(k)fluoranthene	pentachlorophenol*	Aroclor 1260
chloroform*	bis(2-chloroethoxy)methane	phenol	beta-BHC
dichlorobromomethane*	bis(2-chloroethyl)ether	2,4,6-trichlorophenol*	gamma-BHC
1,1-dichlorethane	bis(2-chloroisopropyl)ether		delta-BHC
1,2-dichlorethane*	bis(2-ethylhexyl)phthalate*		chlordane
1,1-dichlorethylene*	4-bromophenyl phenyl ether		4,4'-DDT
1,2-dichlorpropane	butylbenzyl phthalate*		4,4'-DDE
1,3-dichlorpropylene	2-chloronaphthalene		4,4'-DDD
ethylbenzene*	4-chlorophenyl phenyl ether		dieldrin
methyl bromide	chrysene		alpha-endosulfan
methyl chloride	dibenzo(a,h)anthracene		beta-endosulfan
methylene chloride*	1,2-dichlorobenzene*		endosulfan sulfate
1,1,2,2-tetrachloroethane	1,3-dichlorobenzene*		endrin
tetrachloroethylene*	1,4-dichlorobenzene*		endrin aldehyde
toluene*	3,3-dichlorobenzidine		heptachlor
1,2-trans-dichloroethylene	diethyl phthalate		toxaphene
1,1,1-trichloroethane*	dimethyl phthalate		
1,1,2-trichloroethane*	di-n-butyl phthalate*		
trichloroethylene*	2,4-dinitrotoluene		
vinyl chloride	2,6-dinitrotoluene		
	di-n-octyl phthalate		
	1,2-diphenylhydrazine (as azobenzene)*		
	fluorine		
	fluoranthene		
	lindane		
	hexachlorobutadiene		
	hexachlorcyclopentadiene		
	hexachloroethane		

indeno(1,2,3-cd)pyrene
isophorone*
naphthalene*
nitrobenzene
N-nitrosodimethylamine
N-nitrosodi-n-propylamine
N-nitrosodiphenylamine
phenanthrene
pyrene
1,2,4-trichlorobenzene*

Appendix D
Example Process Flow Diagram

Below is a Process Flow Diagram (PFD) for an example facility. Some facilities will have a much more complex PFD, which will require multiple pages.