

INDUSTRIAL WASTEWATER DISCHARGE PERMIT APPLICATION

Note to Signing Official: Information provided in this application shall be available to the public in accordance with city policy, state, and federal law. Documents claimed as proprietary information must meet the criteria outlined in Rule 62-625.800 of the Florida Administrative Code. Information provided in this application which identifies the content, volume and frequency of discharge shall be available to the public without restriction.

The completed application and all attachments should be e-mailed to LarsenNG@gru.com or mailed to 4747 N Main St, Station E3-F, Gainesville, FL 32609. For questions, call (352) 393-1698.

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.

Signature of Industry Signing Official

Date

PART I SECTION A – GENERAL INFORMATION

COMPANY INFORMATION			
Company Name			
Mailing Address			
Contact Name		Title	
Phone Number		Email	

FACILITY INFORMATION			
Project Address			
<i>Information of responsible person on site at the facility authorized to represent the company in official dealings with the Sewer Authority and/or the City.</i>			
Contact Name		Phone Number	
Title		Email	
<i>Name of alternative on site person familiar with the day to day operations, environmental permitting requirements, monitoring, record keeping, and data management.</i>			
Alternative Contact		Phone Number	
Title		Email	

CONSULTANT INFORMATION (IF APPLICABLE)			
Contact Name			
Title		Phone Number	

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SECTION B – FACILITY INFORMATION

1. Permit Information		
Check one: ☐ Existing discharge ☐ Proposed discharge	<i>If existing, date discharge began</i> <i>If proposed, estimated date of discharge</i>	
Do you have, or have you ever applied for, been issued, or been denied an NPDES permit to discharge to the surface waters or storm sewers of Florida? If yes, list all other NPDES permits, permit numbers, dates, and names used to apply for them, or reason denied.	☐ Yes ☐ No	
Do you have, or have you ever applied for or been issued an Industrial Wastewater Discharge Permit to discharge wastewater to the sewer collection system. If yes, list the permit number and expiration date.	☐ Yes ☐ No	
Do you have, or have you ever applied for or been issued any other Environmental Permits (for example; air, RCRA, groundwater, stormwater, general, Non-Discharge, septic tank, etc.). If yes, list all other permits, permit numbers, dates, and names used to apply for them.	☐ Yes ☐ No	

2. Product or Service Information			
Please check ALL existing and proposed activities, facilities, and plant processes applicable to the above facility address:			
☐ Electrical and electronic components manufacturing ☐ Electroplating/metal finishing ☐ Food or beverage processing ☐ Food or beverage service ☐ Government - civil ☐ Government - military ☐ Groundwater Remediation ☐ Laboratory ☐ Laundry or Dry Cleaning	☐ Manufacturing (specify) ☐ Medical or Dental ☐ Painting, finishing, stripping ☐ Paint or ink formulation ☐ Pesticide formulation/application ☐ Pharmaceutical manufacturing ☐ Pharmacy ☐ Photographic processing ☐ Printing	☐ Repair shop, garage ☐ Research ☐ School/educational service ☐ Steam Electric Power Generating ☐ Transportation ☐ Vehicle or equipment cleaning ☐ Waste hauler ☐ Waste combustor ☐ Other (specify): 	
Provide North American Industry Classification System (NAICS) Code(s) for all processes in descending order of importance	a)	b)	c)
	e)	f)	g)
			d)
			h)

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3. Project Description.

Provide a detailed description of all industrial processes, operations, final products, and/or services. For each product manufactured, identify product type/name, amount, and chemical composition. Attach extra sheets if needed.

List the primary products produced at this facility	
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4. Product or Service Information

List chemicals and other materials (both liquid and solid) which are used, processed, or stored in bulk, or are present in quantities greater than 30 gallons - attach extra sheet if needed

Material	Quantity used, processed or stored per year (indicate units)	Is secondary containment used? (yes, no, n/a)	Locations where used, processed or stored (may be indicated on map)
<i>Are biocides added to any water discharged to the POTW, if yes describe</i>	☐ Yes ☐ No		

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5. Plant Operational Information	
Major process discharges are	☐ Batch ☐ Continuous ☐ Both _____ % Batch _____ % Continuous
<i>Describe weekly production schedule, include shifts worked per day, employees per shift, and primary operation during shift.</i>	
Does production vary significantly (+- 20 %) by season? ☐ Yes ☐ No	
Are any significant (+- 20 %) changes in production that will affect wastewater discharge expected in the next 5 years? If yes, please describe? ☐ Yes ☐ No	
If "Yes", describe seasonal variation or future production.	

6. Non-discharged Wastes					
Are any waste liquids or sludges generated and NOT disposed of in the sewer system? ☐ Yes ☐ No If "No," skip the rest of this section. If "Yes," these may best be described and quantified as:					
Waste	Est. Quantity (lbs or gal/year)	Disposal Method*	Waste	Est. Quantity (lbs or gal/year)	Disposal Method
☐ Waste solvent ☐ Plating wastes ☐ Pretreatment sludge ☐ Grease/Oil ☐ Organic compounds			☐ Paints/Inks/Dyes ☐ Acids & alkalis ☐ Heavy metals ☐ Thinner ☐ Other (<i>specify</i>)		
Disposal Method*: a) Waste is collected for off-site disposal b) Waste is placed with trash for disposal. c) Waste is treated or recycled/reused on-site					
If waste haulers are used, provide their name(s), address(es), EPA number(s), and type of waste removed (<i>attach extra sheet, if needed</i>): Hauler A: Hauler B: Hauler C:					
Do any of your non-discharged wastes require an EPA Hazardous Waste Generator ID? ☐ Yes ☐ No					
If "Yes," provide your ID number and type of permit (large quantity generator, small quantity generator, or conditionally exempt small quantity generator).					

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6. Non-discharged Wastes (continued)		
Do you have any underground storage tanks at your facility? If yes, list contents and volume of each tank.	☐ Yes	☐ No
Do you have any above ground storage tanks at your facility? If yes, for each tank, list the contents, volume, whether the tank has any spill prevention or containment devices, such as dikes, and procedures for draining any containment devices.	☐ Yes	☐ No
List contents and volume of each tank.		

7. Storage		
Are you required to have a <i>SPCC plan (Spill Prevention Control and Countermeasure)</i> ?	☐ Yes	☐ No
Is a Slug Control Plan prepared for this facility?	☐ Yes	☐ No
Provide a list of other environmental plans prepared for your facility		

SECTION C – REQUIRED ATTACHEMENTS

Attachments
1. REQUIRED - Attach a scaled drawing of your plant site showing the location of all building sewer connections, building drains, process waste sewers, monitoring and pretreatment facilities, buildings, property lines, adjacent streets and sewers, and industrial process facilities. 2. REQUIRED - Attach a drawing/flow diagram/description for each existing or planned pretreatment unit/system. Include location of each unit and which sewer it discharges to, identify each wastewater generating process going to the unit, and provide process equipment (manufacturer, model, and capacity in gpm), operational set points and alarms, list of treatment chemicals used, by-products, by-product disposal method, and wastewater and by-product volumes and concentrations (if known). 3. REQUIRED - Process Flow Diagram – Required for all categorical industrial user regulated processes. Show average daily flow of water, material, and chemicals used in each process, flow to treatment systems, by-products and their disposal method, and final products. 4. REQUIRED - Water/Wastewater/Soil Analytical Data - attach laboratory results. Typical parameters of interest include volatile organics, PCBs, petroleum oil & grease, heavy metals (arsenic, cadmium, copper, lead, mercury, and zinc), suspended solids, and pH. Complete organic scan (EPA Methods 624 and 625) required if organic contamination is suspected. Additional parameters may be requested based on the nature of the wastewater discharge or identified soil contamination.

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PART II WATER SUPPLY, USE & DISPOSAL WORKSHEET

1. Water and Wastewater Information									
Water Service Account Number(s)									
If water is supplied by landlord, provide name and address:									
Name of Landlord:									
Address:									
Describe any fresh/make-up water treatment or conditioning processes utilized									
Please indicate the quantities of water used by and discharged from the activities indicated below in units of gallons per day. The quantities are to be given for each sewer receiving the discharge.									
	Water Source(s) (see Source List below)	Average (gal/day)	Max. (gal/day)	Measured or Estimated	Disposal Method(s) (see Disp. List below)	Average (gal/day)	Max. (gal/day)	Measured or Estimated	
-Process/regulated process a) b) c) -Contained in product N/A N/A -Sanitary (toilets, drinking, café) -Boiler/Cooling tower blowdown -Cooling/uncontaminated water -Plant & Eqpt. washdown -Air Poll. Contr. Liquid Waste -Other:									
Totals									

Typical Water Sources:	
A.	City / Public supply
B.	Private wells, drinking
C.	Groundwater remediation wells
D.	Private ponds
E.	Surface waters, please identify
F.	Include others if applicable

Possible Water Disposal Methods	
1.	Sanitary sewer, with pretreatment
2.	Sanitary sewer, without pretreatment
3.	Storm sewer
4.	Surface waters
5.	Evaporation
6.	Land applied
7.	To groundwater
8.	Septic Tank
9.	Waste Haulers (identify)
10.	Water into Product
11.	Include others, if applicable

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PART III PRETREATMENT FACILITIES

Is any form of pretreatment currently practiced at the facility? ☐ Yes ☐ No 	
For all waste streams which are treated before discharge, check the appropriate boxes to indicate the types of pretreatment used at this facility and provide required attachment information.	
Metals treatment: ☐ Chemical precipitation ☐ Filtration (specify type/size: _____) ☐ Ion exchange ☐ Silver Recovery Unit (specify type: _____) ☐ Other (specify: _____) ☐ Cyanide Destruction Organics treatment: ☐ Activated carbon ☐ Air stripper/scrubber ☐ Other (specify: _____) ☐ Activated sludge Grease or oil separation: ☐ Grease trap (inside) ☐ Grease interceptor (in-ground) ☐ Dissolved air flotation ☐ Oil/water separator (specify type: _____) ☐ Sand filter ☐ Other (specify: _____)	Solids separation: ☐ Centrifuge/cyclone ☐ Filtration (specify type/size: _____) ☐ Grit removal (specify type: _____) ☐ Screens (specify type/size: _____) ☐ Clarifier/interceptor/settling or sedimentation tank ☐ Sump ☐ Other (specify: _____) Other: ☐ Flow equalization Aerated equalization => _____ NON-Aerated equalization => _____ Total volume of equalization (million gal.) => _____ ☐ Neutralization, pH adjustment ☐ Ozonation or chlorination ☐ Reverse Osmosis ☐ Water/wastewater reclamation ☐ Biological treatment (specify type: _____) ☐ Other chemical treatment (specify type: _____) ☐ Other physical treatment (specify type: _____)
Do you have an Operations and Maintenance manual for the pretreatment system? ☐ Yes ☐ No 	
Is any form of pretreatment planned for the facility within the next three (3) years? ☐ Yes ☐ No 	
If "Yes", describe:	

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PART IV CATEGORICAL INFORMATION

1. Plant Operational Information	
When were operations started at this facility?	Facility start up date
Is this site leased or rented?	☐ Yes ☐ No
<i>If yes, please provide the name and address of the owner:</i>	
Has this facility ever been considered a Categorical Industrial User (CIU) as described by the Code of Federal Regulations (40 CFR)? ☐ Yes ☐ No If yes, give complete 40 CFR number:	
Are any other facilities owned and/or operated by your company permitted as Categorical Industrial Users (CIUs) as described by the Code of Federal Regulations (40 CFR)? ☐ Yes ☐ No If yes, give complete 40 CFR number:	

2. Check any activities listed below that are performed at your facility					
Check below	40 CFR#	Industrial Activity	Check below	40 CFR#	Industrial Activity
☐	467	Aluminum Forming	☐	425	Leather Tanning & Finishing
☐	427	Asbestos Manufacturing	☐	432	Meat products
☐	461	Battery Manufacturing	☐	433	Metal finishing
☐	431	Builders paper & board mills	☐	464	Metal molding and casting
☐	407	Canned & preserved fruits & veg.	☐	436	Mineral mining and processing
☐	408	Canned & preserved seafood	☐	471	Nonferrous Metal, Form & Powders
☐	458	Carbon black Manufacturing	☐	421	Nonferrous Metals Manufacturing
☐	411	Cement Manufacturing	☐	414	OCPSF, Organic Chemicals, Plastics, & Synthetic Fiber Manufacturing
☐	437	Centralized Waste Treatment	☐	435	Oil & gas extraction
☐	434	Coal Mining	☐	440	Ore mining and dressing
☐	465	Coil Coating	☐	446	Paint formulating
☐	444	Commercial Hazardous Waste Combustion	☐	443	Paving and roofing materials Mfg.
☐	468	Copper Forming	☐	455	Pesticide Manufacturing
☐	405	Dairy products processing	☐	419	Petroleum Refining
☐	469	Electrical, electronic components	☐	439	Pharmaceutical Manufacturing
☐	413	Electroplating	☐	422	Phosphate Manufacturing
☐	457	Explosives Manufacturing	☐	459	Photographic supplies
☐	412	Feedlots	☐	463	Plastics molding and forming
☐	424	Ferro alloy Manufacturing	☐	466	Porcelain enameling
☐	418	Fertilizer Manufacturing			

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2. Check any activities listed below that are performed at your facility (continued)

Check below	40 CFR#	Industrial Activity	Check below	40 CFR#	Industrial Activity
☐	464	Foundries, Metal Mold & Casting	☐	430	Pulp, paper, and paperboard
☐	426	Glass Manufacturing	☐	428	Rubber Manufacturing
☐	406	Grain mills	☐	417	Soap & Detergent Manufacturing
☐	454	Gum & Wood Chemicals Mfg.	☐	423	Steam Electric Power Generation
☐	460	Hospitals	☐	409	Sugar processing
☐	447	Ink formulating	☐	410	Textile Mills
☐	415	Inorganic chemical Manufacturing	☐	429	Timber products processing
☐	420	Iron & Steel Manufacturing	☐	442	Transportation Equipment Cleaning
☐	445	Landfill			Others

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3. Wastewater Pollutant Checklist

Indicate by placing an "X" in the appropriate box by each listed chemical whether it is "Suspected to be Present," or "Known to be Present," in your manufacturing or service activity or generated as a by-product. (*Some chemicals listed may be known by other names.*)

EPA Storet Code	Chemical Compound	Suspected Present	Known Present	Item No.	Chemical Compound	Suspected Present	Known Present
Acid Extractable Organics				Base Neutral Organics (cont.)			
34586	2-Chlorophenol	☐	☐	34292	Butyl benzyl phthalate	☐	☐
34601	2,4-Dichlorophenol	☐	☐	34320	Chrysene	☐	☐
34606	2,4-Dimethylphenol	☐	☐	39110	Di-n-butyl phthalate	☐	☐
34616	2,4-Dinitrophenol	☐	☐	34596	Di-n-octyl phthalate	☐	☐
34657	2-Methyl-4,6-dinitrophenol	☐	☐	34556	Dibenzo (a,h) anthracene	☐	☐
34452	4-Chloro-3-methylphenol	☐	☐	34336	Diethyl phthalate	☐	☐
34591	2-Nitrophenol	☐	☐	34341	Dimethyl phthalate	☐	☐
34646	4-Nitrophenol	☐	☐	34376	Fluoranthene	☐	☐
39032	Pentachlorophenol	☐	☐	34381	Fluorene	☐	☐
34694	Phenol	☐	☐	39700	Hexachlorobenzene	☐	☐
34621	2,4,6-Trichlorophenol	☐	☐	34391	Hexachlorobutadiene	☐	☐
Base Neutral Organics				34386	Hexachlorocyclopentadiene	☐	☐
34551	1,2,4-Trichlorobenzene	☐	☐	34396	Hexachloroethane	☐	☐
34536	1,2-Dichlorobenzene	☐	☐	34403	Indeno(1,2,3-cd) pyrene	☐	☐
34346	1,2-Diphenylhydrazine	☐	☐	34408	Isophorone	☐	☐
34566	1,3-Dichlorobenzene	☐	☐	34428	N-nitroso-di-n-propylamine	☐	☐
34571	1,4-Dichlorobenzene	☐	☐	34438	N-nitrosodimethylamine	☐	☐
34611	2,4-Dinitrotoluene	☐	☐	34433	N-nitrosodiphenylamine	☐	☐
34626	2,6-Dinitrotoluene	☐	☐	34696	Naphthalene	☐	☐
34581	2-Chloronaphthalene	☐	☐	34447	Nitrobenzene	☐	☐
34631	3,3-Dichlorobenzidine	☐	☐	34461	Phenanthrene	☐	☐
34636	4-Bromophenyl phenyl ether	☐	☐	34469	Pyrene	☐	☐
34641	4-Chlorophenyl phenyl ether	☐	☐	Metals			
03405	Acenaphthene	☐	☐	01104	Aluminum	☐	☐
34200	Acenaphthylene	☐	☐	01097	Antimony	☐	☐
34220	Anthracene	☐	☐	01002	Arsenic	☐	☐
39120	Benzidine	☐	☐	01012	Beryllium	☐	☐
34526	Benzo (a) anthracene	☐	☐	01027	Cadmium	☐	☐
34247	Benzo (a) pyrene	☐	☐	01034	Chromium	☐	☐
34230	Benzo (b) fluoranthene	☐	☐	01042	Copper	☐	☐
34521	Benzo (ghi) perylene	☐	☐	01051	Lead	☐	☐
34242	Benzo (k) fluoranthene	☐	☐	71900	Mercury	☐	☐
34278	Bis(2-chloroethoxy) methane	☐	☐	01062	Molybdenum	☐	☐
34273	Bis(2-chloroethyl) ether	☐	☐	01067	Nickel	☐	☐
34283	Bis(2-chloroisopropyl) ether	☐	☐	01147	Selenium	☐	☐
39100	Bis(2-ethylhexyl) phthalate	☐	☐	01077	Silver	☐	☐

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3. Characteristics of Discharge (continued)

Indicate by placing an "X" in the appropriate box by each listed chemical whether it is "Suspected to be Present," or "Known to be Present," in your manufacturing or service activity or generated as a by-product. *(Some chemicals listed may be known by other names.)*

EPA Storet Code	Chemical Compound	Suspected Present	Known Present	Item No.	Chemical Compound	Suspected Present	Known Present
Metals (cont)				Others			
00982	Thallium	☐	☐		Xylene	☐	☐
01092	Zinc	☐	☐			☐	☐
01007	Barium	☐	☐			☐	☐
00940	Chloride	☐	☐			☐	☐
00720	Cyanide	☐	☐			☐	☐
00951	Fluoride	☐	☐			☐	☐
	Purgeable Volatile Organics	☐	☐			☐	☐
34506	1,1,1-Trichloroethane	☐	☐			☐	☐
34516	1,1,2,2-Tetrachloroethane	☐	☐				
34511	1,1,2-Trichloroethane	☐	☐				
34496	1,1-Dichloroethane	☐	☐				
34501	1,1-Dichloroethylene	☐	☐				
34531	1,2-Dichloroethane	☐	☐				
34541	1,2-Dichloropropane	☐	☐				
34576	2-Chloroethyl vinyl ether	☐	☐				
34210	Acrolein	☐	☐				
34215	Acrylonitrile	☐	☐				
34030	Benzene	☐	☐				
32101	Bromodichloromethane	☐	☐				
32104	Bromoform	☐	☐				
34413	Bromomethane	☐	☐				
32102	Carbon tetrachloride	☐	☐				
34301	Chlorobenzene	☐	☐				
34311	Chloroethane	☐	☐				
32106	Chloroform	☐	☐				
34418	Chloromethane	☐	☐				
34704	cis 1,3-Dichloropropene	☐	☐				
32105	Dibromochloromethane	☐	☐				
34371	Ethylbenzene	☐	☐				
34423	Methylene chloride	☐	☐				
34475	Tetrachloroethylene	☐	☐				
34010	Toluene	☐	☐				
34699	trans 1,3-Dichloropropene	☐	☐				
34546	trans-1,2-Dichloroethylene	☐	☐				
39180	Trichloroethylene	☐	☐				
34488	Trichlorofluoromethane	☐	☐				
39175	Vinyl chloride	☐	☐				

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4. Characteristics of Discharge

List those items indicated below as being discharged and provide the following information.

Item No.	Parameter/ Chemical Compound	Annual Disch. (lbs.)	Disch. Conc. (mg/l)	Item No.	Parameter/ Chemical Compound	Annual Disch. (lbs.)	Disch. Conc. (mg/l)
	Arsenic				Silver		
	Barium				Zinc		
	Cadmium				Cyanide		
	Chromium				BOD ₅		
	Copper				COD		
	Iron				Total Suspended Solids (TSS)		
	Lead				TKN (Nitrogen)		
	Manganese				Ammonia		
	Mercury				Total Phosphorus		
	Molybdenum						
	Nickel						
	Selenium						

If any wastewater analyses have been performed on the wastewater discharges from your facilities, attach a copy of the most recent data to this application. Include laboratory report and chain of custody form.

- ☐ Yes, the required laboratory data is attached.
 ☐ No wastewater analyses have been performed.
- ☐ No, laboratory data has previously been submitted.

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5. Check any activities listed below that are performed at your facility					
Check below	40 CFR#	Industrial Activity	Check below	40 CFR#	Industrial Activity
	467	Aluminum Forming		425	Leather Tanning & Finishing
	427	Asbestos Manufacturing		432	Meat products
	461	Battery Manufacturing		433	Metal finishing
	431	Builders paper & board mills		464	Metal molding and casting
	407	Canned & preserved fruits & veg.		436	Mineral mining and processing
	408	Canned & preserved seafood		471	Nonferrous Metal, Form & Powders
	458	Carbon black Manufacturing		421	Nonferrous Metals Manufacturing
	411	Cement Manufacturing		414	OCPSF, Organic Chemicals, Plastics, & Synthetic Fiber Manufacturing
	437	Centralized Waste Treatment		435	Oil & gas extraction
	434	Coal Mining		440	Ore mining and dressing
	465	Coil Coating		446	Paint formulating
	444	Commercial Hazardous Waste Combustion		443	Paving and roofing materials Mfg.
	468	Copper Forming		455	Pesticide Manufacturing
	405	Dairy products processing		419	Petroleum Refining
	469	Electrical, electronic components		439	Pharmaceutical Manufacturing
	413	Electroplating		422	Phosphate Manufacturing
	457	Explosives Manufacturing		459	Photographic supplies
	412	Feedlots		463	Plastics molding and forming
	424	Ferro alloy Manufacturing		466	Porcelain enameling
	418	Fertilizer Manufacturing		430	Pulp, paper, and paperboard
	464	Foundries, Metal Mold & Casting		428	Rubber Manufacturing
	426	Glass Manufacturing		417	Soap & Detergent Manufacturing
	406	Grain mills		423	Steam Electric Power Generation
	454	Gum & Wood Chemicals Mfg.		409	Sugar processing
	460	Hospitals		410	Textile Mills
	447	Ink formulating		429	Timber products processing
	415	Inorganic chemical Manufacturing		442	Transportation Equipment Cleaning
	420	Iron & Steel Manufacturing			Others
	445	Landfill			

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PART V WASTE REDUCTION INFORMATION

1. Pollution Prevention Information

Inventory current and projected waste reduction (pollution prevention) activities. The codes listed are standard EPA codes found on Toxic Release Inventory and other environmental forms. Please check all applicable codes related to wastewater discharge.

Current	Projected	Code	Description
☐	☐	W13	Improved maintenance scheduling recordkeeping, or procedures
☐	☐	W14	Changed production schedule to minimize equipment and feedstock changeovers
☐	☐	W19	Other changes in operating practices (explain briefly in comments)
☐	☐	W21	Instituted procedures to ensure that materials do not stay in inventory beyond shelf-life
☐	☐	W22	Began to test outdated material-continue to use if still effective
☐	☐	W23	Eliminated shelf-life requirements for stable materials
☐	☐	W24	Instituted better labeling procedures
☐	☐	W25	Instituted clearinghouse to exchange materials that would otherwise be discarded
☐	☐	W29	Other changes in Inventory control (explain briefly in comments)
☐	☐	W31	Improved storage or stacking procedures
☐	☐	W32	Improved procedures for loading, unloading and transfer operations
☐	☐	W33	Installed overflow alarms or automatic shutoff valves
☐	☐	W34	Installed secondary containment
☐	☐	W35	Installed vapor recovery systems
☐	☐	W36	Implemented inspection or monitoring program of potential spill or leak sources
☐	☐	W39	Other spill and leak prevention (explain briefly in comments)
☐	☐	W41	Increased purity of raw materials
☐	☐	W42	Substituted raw materials
☐	☐	W49	Other raw material modifications (explain briefly in comments)
☐	☐	W51	Instituted recirculation within a process
☐	☐	W52	Modified equipment, layout, or piping
☐	☐	W53	Use of a different process catalyst
☐	☐	W54	Instituted better controls on operating bulk containers to min discarding of empty containers
☐	☐	W55	Changed from small volume containers to bulk containers to min discarding of empty containers
☐	☐	W58	Other process modifications (explain briefly in comments)
☐	☐	W59	Modified stripping / cleaning equipment
☐	☐	W60	Changed to mechanical stripping / cleaning devices (from solvents or other materials)
☐	☐	W61	Changed to aqueous cleaners (from solvents or other materials)
☐	☐	W62	Reduced the number of solvents used to make waste more amenable to recycling
☐	☐	W63	Modified containment procedures for cleaning units
☐	☐	W64	Improved draining procedures
☐	☐	W65	Redesigned parts racks to reduce dragout
☐	☐	W66	Modified or installed rinse systems
☐	☐	W67	Improved rinse equipment design
☐	☐	W68	Improved rinse equipment operation
☐	☐	W71	Other cleaning and degreasing operation (explain briefly in comments)
☐	☐	W72	Modified spray systems or equipment

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1. Pollution Prevention Information (continued)

Inventory current and projected waste reduction (pollution prevention) activities. The codes listed are standard EPA codes found on Toxic Release Inventory and other environmental forms. Please check all applicable codes related to wastewater discharge.

Current	Projected	Code	Description
☐	☐	W73	Substituted coating materials used
☐	☐	W74	Improved application techniques
☐	☐	W75	Changed from spray to other system
☐	☐	W78	Other surface preparation and finishing (explain briefly in comments)
☐	☐	W81	Changed product specifications
☐	☐	W82	Modified design or composition of product
☐	☐	W83	Modified packaging
☐	☐	W89	Other product modifications (explain briefly in comments)
☐	☐	W99	Other (specify in comments)