Industrial Discharge Permit Application

All industrial and large commercial users of the City of Louisville's Wastewater Treatment Facilities are required to complete this application pursuant to Municipal Code 13.32. Users are required to update the wastewater discharge permit application whenever significant changes are made in a process or operation and/or ninety (90) days before a current permit's expiration date. Users must complete all of the sections of this application. If a specific section is not applicable to your operation, then fill in the space with "N/A". If you have questions please contact the Environmental Compliance Specialist at (303) 335-4785.

This form must be completed and submitted to the City within thirty (30) days of receipt. Failure to submit a completed application is a violation of Section 13.32 of the City of Louisville Municipal Code and may result in enforcement action.

Respond to:		Email submissions may be sent to:			
Attn: En 749 Maiı	ouisville Industrial Pretreatment Program vironmental Compliance Specialist n St. le, CO 80027	ecs@lou	uisvilleco.gov		
I. ORG	ANIZATIONAL INFORMATION				
Compar	ny Name				
Address	s(es) of Proposed Wastewater Discharges				
	Address (if different)				
	Designation	of Contac	ets ¹		
	Permittee or Authorized Representative ²		SMR Cognizant or Authorized Agent ³		
Name		Name			
Title		_ Title			
Phone		Phone			
Email		_ Email			
	Site Contact ⁴		Billing Contact		
Name		Name			
Title		Title			
Phone		Phone			
Email		_ Email			

¹ One individual may meet the requirement of each role, or each role may have a different contact. The Permittee / Authorized Representative must meet the requirements defined by Section 13.32.020 of the City of Louisville Municipal Code. A change of contact form must be submitted for changes made to any of the contacts or information listed below.

² The person authorized to sign and certify the permit application. This person receives all permit correspondences and is legally responsible for compliance with the permit.

³ The person(s) authorized to sign and certify reports required by permit, including: Self-Monitoring Reports (SMRs), Annual Reports, Compliance Schedule submittals and other information requested by the Program.

⁴ The local contact for questions relating to the facility and discharge authorized to the facility by permit.



Application Type		
☐ Permit Renewal	Current Permit Number	
	nount of wastewater discharge, a greater amour utants than specified in the last application for the specified in the	
☐ Permit Modification	Current Permit Number	
☐ Existing Unpermitted Discharge	Date of First Discharge	
☐ Proposed Discharge	Anticipated Date of Discharge	
Industrial Categories		
Please indicate which of the following wastewater, waste sludge or hazardous w	process your facility implements or will be aste). Check all that apply.	implementing (regardless if they generate
☐ Aluminum Forming	☐ Grain Mills	☐ Paving & Roofing Materials (Tars & Asphalts)
☐ Asbestos Manufacturing	☐ Gum & Wood Chemicals Manufacturing	☐ Pesticide Chemicals
☐ Battery Manufacturing	☐ Hospital	☐ Petroleum Refining
☐ Canned & Preserved Fruit/Vegetable Processing	☐ Ink Formulating	☐ Pharmaceutical Manufacturing
☐ Canned & Preserved Seafood Processing	☐ Inorganic Chemicals Manufacturing	☐ Phosphate Manufacturing
☐ Carbon Black Manufacturing	☐ Iron & Steel Manufacturing	☐ Photographic
☐ Cement Manufacturing	\Box Landfills	☐ Plastics Molding & Forming
☐ Centralized Waste Treatment	☐ Leather Tanning & Finishing	☐ Porcelain Enameling
☐ Coal Mining	☐ Meat Products	☐ Pulp, Paper & Paperboard
☐ Coil Coating	☐ Metal Finishing	☐ Rubber Manufacturing
☐ Concentrated Animal Feeding Operations	☐ Metal Molding & Casting	☐ Soap & Detergent Manufacturing
☐ Copper Forming	☐ Metal Products & Machinery	☐ Steam Electric Power Generating
☐ Dairy Products	☐ Mineral Mining & Processing	☐ Sugar Processing
☐ Electrical & Electrical Components	☐ Nonferrous Metals Forming & Metal Powders	☐ Textile Mills
☐ Electroplating	☐ Nonferrous Metals Manufacturing	☐ Timber Products Processing
☐ Explosives Manufacturing	☐ Oil & Gas Extraction	☐ Transportation Equipment Cleaning
☐ Ferroalloy Manufacturing	☐ Ore Mining & Dressing	☐ Waste Combustion
☐ Fertilizer Manufacturing	☐ Organic Chemicals, Plastics, Synthetic Fibers	
☐ Glass Manufacturing	☐ Paint Formulating	

II. BUSINESS ACTIVITY & FACILITY OPERATIONS Please provide a brief description of manufacturing or service activities performed onsite:									
Please provide a brief description of man	ufacturing or service activities perform	ned onsite:							
In decorating and an of immentance place	on list all amplicable Ctandard Industri	al Classification (SIC) and as and North							
In descending order of importance, pleas American Industry Classification System									
SIC code ⁵	NAICS code ⁶	Description							
SIC code	Twites code	Bescription							
Please list principal raw materials used:									
Please list catalysts and intermediates (when the catalysts and intermediates (when the catalysts are catalysts and intermediates (when the catalysts are catalysts and intermediates (when the catalysts are catalysts are catalysts and intermediates (when the catalysts are catalysts are catalysts).	here applicable):								
Please list principal product(s) or service	(s):								

Plant Operation Characteristics

Shift Times

Sinit Times		1	1	
	Start Time	End Time	Number of Employees	Primary Activity
1 st Shift				
2 nd Shift				
3 rd Shift				

⁵ https://www.osha.gov/data/sic-search https://www.naics.com/



Shifts Worked Ea	ich Day									
	Sun	Mon	Tues	Wed	ļ	Thurs		Fri		Sat
1 st Shift										
2 nd Shift										
3 rd Shift										
Are there schedul	led periodic shu	itdowns?	□ Yes □ 1	No If ye	es, wh	en and why?				
Are products / ser	rvices seasonal	?	\square Yes \square 1	No If ye	es, wh	en and why?				
III. WATER US										
List raw water so	urces and appro	oximate total v	olume of water	usage. In	dicate	e if usage is m	neasure	d or esti	mate	ed.
Sou	rce	Usage	e (gallons per d	lay)		Measured?		Es	stima	ated?
City of Louisville	2]
Private Well]
Surface Water]
Other (specify):]
Explain how usag	ge was estimate	d:								
Please describe a	ny raw water tr	eatment proces	sses utilized:							
Please describe a	ny water recycl	ing or material	reclaiming pro	ocess(es) u	ıtilize	d:				
							1			
Does (or will) thi	s facility discha	arge any waste	water other tha	n from res	troon	ns to the sewe	er?	□ Yes		□ No
Please identify a such discharges t	ll business activo the sewer are	vities that gene batch ⁷ or conti	rate wastewate inuous ⁸ . Attach	er that is (additiona	or wil	ll be) dischar	ged to	the sewe	er an	nd whether
	Descripti	on of Business	/ Process Acti	vity			Bat	ch?	Co	ntinuous?
							Г	¬		

⁷ A treatment or manufacturing process in which a tank or reactor is filled, the wastewater (or solution) is held or a chemical solution is prepared, and the tank is emptied, resulting in a discrete discharge to the sanitary sewer. The tank may then be refilled and the process repeated. Batch processes are also sued to clean, stabilize, or condition chemical solutions for use in industrial manufacturing or treatment processes.

⁸ A discharge that occurs without interruption during the operating hours of a facility, except for infrequent shutdowns for maintenance, process changes, or similar activities.



Complete this section for **continuous discharges**:

Number of hour	s per day (e.g. 8 l	nours/day)				
Sun	Mon	Tues	Wed	Thurs	Fri	Sat
Time of dischar	ge (e.g. 9 a.m. – 5	5 p.m.)				
Sun	Mon	Tues	Wed	Thurs	Fri	Sat
Peak Hourly Flo	ow Rate		gpd			
Maximum Daily	Flow Rate		gpd			
Daily Average F	Flow Rate		gpd			
Complete this se	ection for batch of	lischarges:				
Number of batcl	h discharges		per day	or		per week
Average volume per batch gallons Flow rate when discharging gallons/minute						
Flow rate when	discharging		gallons/minute			
products, water a processes use w stream. If estima If generated was	and wastewater for vater and which g ating flows, pleas stewater is not dis	from the start of the generate waste str e indicate which v scharged to the ser pretreatment prior	e activity to its cor	mpletion, showing the arage and maximates. In how it is disposed to the sanitary sewer	ng all unit process num daily volum	flow of materials, ses. Indicate which hes for each waste
			nent or processes a		_	
☐ Dissolved Ai		☐ Centrif			Plate & Frame Fi	
☐ Chemical Pro		☐ Screen			Sedimentation Pr	
☐ Belt Filter Pr	ress	☐ Filter S			Biological Treatr	ment
☐ Chlorination			Equalization		Septic Tank	
☐ Oil and Grea	se Interceptor	□ Oil / S	and Interceptor		Oil and Grease S	eparators
☐ Membrane F	iltration	□ pH Ad	justment		Grit Removal	
☐ Ion Exchange	e	☐ Neutra	lization Processes		Sumps or Holdin	g Tanks



☐ Sludge Drying Beds	e Drying Beds ☐ Incineration Processes					☐ Evaporators			
☐ Digestion Processes	\square Lag	oons		Composting					
☐ Chemical Stabilization	\square The	rmal Conditioning	g \Box	Solvent Sep	aration				
☐ Other	☐ Oth	er	Other						
Does this facility generate liquid wastes, process wastes, slurries or sludges? \square Yes \square No If yes, check all that apply below and the disposal method used for each particular waste.									
Waste	Sewer Disposal	Waste Hauler Disposal	Onsite Storage / Disposal	Offsite Recycle	Other (s	pecify)			
Acids and Alkalies									
Heavy Metal Sludges									
Inks / Dyes									
Oil / Grease Trap Waste									
Organic Compounds									
Paints / Coatings									
Pesticides / Herbicides									
Plating Wastes									
Pretreatment Sludges									
Solvents / Thinners									
X-Ray / Photo Wastes									
Sand / Oil Trap Wastes									
Sump Wastes									
Barrel / Pail Rinses									
Used Antifreeze									
Used Glycols									
Parts Cleaner Waste									
Used Oils									
Used Coolants									
Please provide the name and address of waste hauler and frequency of service:									



Please provide the name and address of recycler and frequency of service:
Please provide the name and address of grease and/or sand trap pumper and frequency of service:
IV. ENVIRONMENTAL CONTROLS
Please describe any spill control measures in place:
Please describe spill clean-up procedures:
Are chemicals, products or equipment stored outside?
If yes, describe the storage area:
Does this facility have chemical storage tanks, containers, bins or ponds? Yes No If yes, describe their location, contents, size, type, frequency and method of cleaning.
Is a slug / spill discharge control plan prepared for this facility? Yes No
If yes, attach a copy of the slug / spill plan to this application.
Is a solvent management plan prepared for this facility? \square Yes \square No If yes, attach a copy of the plan to this application.
Is a hazardous materials compliance plan prepared for this facility? \square Yes \square No If yes, attach a copy of the plan to this application.

Please indicate this facility's hazardo	ous waste generator category	ory:						
☐ Not a generator of hazardous was	te							
☐ Conditionally exempt small quantity generator (< 220 lbs/month)								
☐ Small quantity generator (220 lbs/month – 2200 lbs/month)								
☐ Large quantity generator (> 2200	lbs/month)							
V. WASTE & WASTEWATER IN	FORMATION							
Indicate the following constituents t explanation for any "yes" constituent		ent in wastewater disc	harge to the sewer. Attach a written					
☐ Activated Carbon	☐ Flammable Substa	ances	Nitrous Oxide					
☐ Ammonia	☐ Glycols] PCBs					
☐ Antifreeze	☐ Heavy Metals ⁹		Pesticides / Herbicides					
☐ Barium Compounds	\square High BOD		Petroleum Substances					
☐ Boiler / Cooling System Chemica	ls	s) [Phenols					
☐ Bromine	☐ High TDS		Radioactive Substances					
☐ Chlorine	☐ High TSS		Salt Brines					
☐ Chlorine Dioxide	☐ Hydrogen Sulfide	;	Solvents – Citrus					
☐ Cyanide	\square Iodine		\square Solvents – Petroleum					
☐ Disinfectants	☐ Latex Paint		☐ Surfactants (detergents)					
☐ Dyes	☐ Low pH (acids)		Sulfur Dioxide					
☐ Enamel Paint	☐ Manganese Comp	oounds	Tanning Solutions					
☐ Explosive Substances	\square Methanol		Toxic Gases					
☐ Fats, Oils, Grease (FOG)	☐ Nitrate Compound	ds [Toxic Substances					
Will periodic maintenance be perform	med on any of the followi	ing systems? Check a	ll that apply.					
Activity	Occurrences per Year	Gallons Generated	Gallons Discharged to Sewer					
☐ Cooling System Cleaning								
☐ Cooling System Draining								
☐ Boiler Maintenance								
☐ Tank Passivation Activities								
☐ Water Softener Maintenance								
☐ Air Pollution Control Unit								

⁹ Arsenic, Cadmium, Chromium, Copper, Lead, Mercury, Nickel, Selenium, Silver, Molybdenum, Zinc

Please indicate whether each chemical listed in Code of Federal Regulations, Title 40, Part 122, Appendix D is known to be absent, suspected to be absent, known to be present or suspected to be present in your facility. For those chemicals known to be present, indicate the concentration and mass loading of the discharge to the sanitary sewer.

Table II – Organic Toxic Po	llutants in Each of	Four Fractions in	n Analysis by Gas	Chromatography	/ Mass Spectro	oscopy (GS/MS)
Chemical Compound	Known Absent	Suspect Absent	Known Present	Suspect Present	Avg mg/L	Daily loading (lbs)
Volatiles						
acrolein						
acrylonitrile						
benzene						
bromoform						
carbon tetrachloride						
chlorobenzene						
chlorodibromomethane						
chloroethane						
2-chloroethylvinyl ether						
chloroform						
dichlorobromomethane						
1,1-dichloroethane						
1,2-dichloroethane						
1,1-dichloroethylene						
1,2-dichloropropane						
1,3-dichloropropylene						
ethylbenzene						
methyl bromide						
methyl chloride						
methylene chloride						
1,1,2,2-tetrachloroethane						
tetrachloroethylene						
toluene						
1,2-trans-dichloroethylene						
1,1,1-trichloroethane						
1,1,2-trichloroethane						
trichloroethylene						
vinyl chloride						

Chemical Compound	Known Absent	Suspect Absent	Known Present	Suspect Present	Avg mg/L	Daily loading (lbs)
Acid Compounds						
2-chlorophenol						
2,4-dichlorophenol						
2,4-dimethylphenol						
4,6-dinitro-o-cresol						
2,4-dinitrophenol						
2-nitrophenol						
4-nitrophenol						
p-chloro-m-cresol						
pentachlorophenol						
phenol						
2,4,6-trichlorophenol						
Base / Neutral						
acenaphthene						
acenaphthylene						
anthracene						
benzidine						
benzo(a)anthracene						
benzo(a)pyrene						
3,4-benzofluoranthene						
benzo(ghi)perylene						
benzo(k)fluoranthene						
bis(2-chloroethoxy)methane						
bis(2-chloroethyl)ether						
bis(2-chloroisopropyl)ether						
bis (2-ethylhexyl)phthalate						
4-bromophenyl phenyl ether						
butylbenzyl phthalate						
2-chloronaphthalene						
4-chlorophenyl phenyl ether						
chrysene						
dibenzo(a,h)anthracene						
1,2-dichlorobenzene						



Chemical Compound	Known Absent	Suspect Absent	Known Present	Suspect Present	Avg mg/L	Daily loading (lbs)
1,3-dichlorobenzene						
1,4-dichlorobenzene						
3,3'-dichlorobenzidine						
diethyl phthalate						
dimethyl phthalate						
di-n-butyl phthalate						
2,4-dinitrotoluene						
2,6-dinitrotoluene						
di-n-octyl phthalate						
1,2-diphenylhydrazine (as azobenzene)						
fluroranthene						
fluorene						
hexachlorobenzene						
hexachlorobutadiene						
hexachlorocyclopentadiene						
hexachloroethane						
indeno(1,2,3-cd)pyrene						
isophorone						
napthalene						
nitrobenzene						
N-nitrosodimethylamine						
N-nitrosodi-n-propylamine						
N-nitrosodiphenylamine						
phenanthrene						
pyrene						
1,2,4-trichlorobenzene						
Pesticides						
aldrin						
alpha-BHC						
beta-BHC						
gamma-BHC						
delta-BHC						
chlordane						



Chemical Compound	Known Absent	Suspect Absent	Known Present	Suspect Present	Avg mg/L	Daily loading (lbs)
4,4'-DDT						
4,4'-DDE						
4,4'-DDD						
dieldrin						
alpha-endosulfan						
beta-endosulfan						
endosulfan sulfate						
endrin						
endrin aldehyde						
heptachlor						
heptachlor epoxide						
PCB-1242						
PCB-1254						
PCB-1221						
PCB-1232						
PCB-1248						
PCB-1260						
PCB-1016						
toxaphene						
Г	able III – Other 7	Гохіс Pollutants (М	Metals and Cyanid	le) and Total Phen	ols	
Antimony, Total						
Arsenic, Total						
Beryllium, Total						
Cadmium, Total						
Chromium, Total						
Copper, Total						
Lead, Total						
Mercury, Total						
Nickel, Total						
Selenium, Total						
Silver, Total						
Thallium, Total						
Zinc, Total						



Chemical Compound	Known Absent	Suspect Absent	Known Present	Suspect Present	Avg mg/L	Daily loading (lbs)		
Cyanide, Total								
Phenols, Total								
Table IV – Conventional and	Table IV – Conventional and Nonconventional Pollutants Required to be Tested by Existing Dischargers if Expected to be Present							
Bromide								
Chlorine, Total Residual								
Color								
Fecal Coliform								
Fluoride								
Nitrate-Nitrite								
Nitrogen, Total Organic								
Oil and Grease								
Phosphorus, Total								
Radioactivity								
Sulfate								
Sulfide								
Sulfite								
Surfactants								
Aluminum, Total								
Barium, Total								
Boron, Total								
Cobalt, Total								
Iron, Total								
Magnesium, Total								
Molybdenum, Total								
Manganese, Total								
Tin, Total								
Titanium, Total								
Table V – Toxic Pollutants and Hazardous Substances Required to be Identified by Existing Dischargers if Expected to be Present								
Toxic Pollutants								
Asbestos								
Hazardous Substances								
Acetaldehyde								
Allyl alcohol								

Chemical Compound	Known Absent	Suspect Absent	Known Present	Suspect Present	Avg mg/L	Daily loading (lbs)
Allyl chloride						
Amyl acetate						
Aniline						
Benzonitrile						
Benzyl chloride						
Butyl acetate						
Butylamine						
Captan						
Carbaryl						
Carbofuran						
Carbon disulfide						
Chlorpyrifos						
Coumaphos						
Cresol						
Crotonaldehyde						
Cyclohexane						
2,4-D (2,4-Dichlorophenoxy acetic acid)						
Diazinon						
Dicamba						
Dichlobenil						
Dichlone						
2,2-Dichloropropionic acid						
Dichlorvos						
Diethyl amine						
Dimethyl amine						
Dintrobenzene						
Diquat						
Disulfoton						
Diuron						
Epichlorohydrin						
Ethion						
Ethylene diamine						
Ethylene dibromide						

Chemical Compound	Known Absent	Suspect Absent	Known Present	Suspect Present	Avg mg/L	Daily loading (lbs)
Formaldehyde						
Furfural						
Guthion						
Isoprene						
Isopropanolamine Dodecylbenzenesulfonate						
Kelthane						
Kepone						
Malathion						
Mercaptodimethur						
Methoxychlor						
Methyl mercaptan						
Methyl methacrylate						
Methyl parathion						
Mevinphos						
Mexacarbate						
Monoethyl amine						
Monomethyl amine						
Naled						
Napthenic acid						
Nitrotoluene						
Parathion						
Phenolsulfanate						
Phosgene						
Propargite						
Propylene oxide						
Pyrethrins						
Quinoline						
Resorcinol						
Strontium						
Strychnine						
Styrene						
2,4,5-T (2,4,5-Trichlorophenoxy						
TDE (Tetrachlorodiphenylethane)						

Chemical Compound	Known Absent	Suspect Absent	Known Present	Suspect Present	Avg mg/L	Daily loading (lbs)
2,4,5-TP [2-(2,4,5-Trichlorophenoxy) propanoic acid]						
Trichlorofan						
Triethanolamine dodecylbenzenesulfonate						
Triethylamine						
Trimethylamine						
Uranium						
Vanadium						
Vinyl acetate						
Xylene						
Xylenol						
Zirconium						

Attach scaled drawings of the industrial complex (e.g. site plans, floor plans, mechanical / plumbing plans) showing:

- Applicant Business Name and date of drawing
- Facility property lines
- Building outline
- Streets adjoining the facility
- The North arrow
- The symbols/lines used in the drawing
- All wastewater-generating processes
- The location of all floor drains in these areas
- The location of all pretreatment systems
- The location of all major liquid product and chemical storage areas
- The location of all floor drains in these areas
- The location of all meters. Differentiate between municipal and private meters
- Private meters according to use. For example, well, cooling tower, boiler and production
- The location of all water lines from each source meter to where they enter the building
- The location of all sanitary sewer lines from each wastewater generating process to where they join the City sewer
- The location of all sanitary sewer lines from restrooms and wash areas to where they join the City sewer
- The location of storm sewer lines
- All public sewers to which the facility discharges and show size if known



- All wastewater discharge sampling locations, using the label "Sampling Location"
- All wastewater discharge flow meter locations, using the label "WW Flow Meter"

For existing buildings, the City may have drawings available. Please contact the Building Department at BuildingDept@louisvilleco.gov or (303) 335-4584 for general building inquiries and to request plans or drawings.

Prior to discharge to the POTW:

The user is responsible for identifying the Categorical Pretreatment Standard(s) applicable to each regulated process. The Pretreatment Standards are found in Title 40 of the Code of Federal Regulations. If the user's processes are subject to either Pretreatment Standards or local limits, the user shall take a minimum of two representative samples to compile the data necessary to determine compliance with discharge limits as defined by federal, state, and local regulations. The sample should be taken immediately downstream from pretreatment facilities if such exist or immediately downstream from the regulated process if no pretreatment exists.

In addition, the user shall submit the full results of sampling and analysis identifying the nature and concentration of regulated pollutants in the discharge waste stream from each regulated process or from all processes combined if discrete sampling points are unavailable. Time, date, location of sample point, method of analysis, and person(s) sampling shall be listed. The sample shall be representative of daily operations and expected pollutants to be discharged. Sampling shall be consistent with the requirements of 40 CFR Part 136.

The City's Pretreatment Program may allow the submission of a baseline report which utilizes only historical data so long as the data provides information sufficient to determine the need for industrial pretreatment measures. The City shall cause to halt all discharges from any facility whose wastewater discharge is not in compliance with Federal, State, and Local regulations. The City may sample any process wastewater in order to determine compliance with Federal, State, and Local regulations prior to discharge; however, the City's sample shall not be used in place of the user's required sample.

VI. NOTE TO SIGNING OFFICIAL & CERTIFICATION

In consideration of the granting of a discharge permit, the company agrees:

- To furnish any additional information requested by the City of Louisville relating to the installation or use of the sewer for which an industrial discharge permit is sought;
- To accept and abide by all provisions of the City of Louisville Municipal Code Chapter 13.32 Sewer Use Regulations;
- To operate and maintain any waste pretreatment facilities, as may be required, in an efficient manner at all times, and at no expense to the City;



- To cooperate at all times with the City and its representatives in their inspecting, sampling, and study of the industrial wastes and any facilities provided for pretreatment; and
- To notify the City immediately in the event of any accident, or other occurrence, that occasions a contribution to the POTW of any wastewater or substances prohibited by local, state or federal regulations.

Information and data identifying the nature and frequency of a discharge to the City of Louisville Publicly Owned Treatment Works shall be available to the public. Requests for confidential treatment of information, other than discharge data, shall be made according to the procedures outlined in Section 13.32.105 of the City of Louisville Municipal Code. Please see the Municipal Code prior to requesting confidentiality of data.

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fines and imprisonment for knowing violations.

Name	Title	
Signature	Date	