

### Wastewater Pretreatment Plant Special Waste Generator Application

New                       Renewal (Permit # \_\_\_\_\_)                      EIN number \_\_\_\_\_

All generators of Special Waste are required to apply for and receive a Special Waste Generator Permit from Lehigh County Authority (LCA) prior to discharging waste at the Wastewater Pretreatment Plant (Pretreatment Plant). Special Waste Permit Applications must be completed annually. Upon approval, a \$100 permit fee will be assessed before the waste stream will be authorized to discharge at the facility. LCA uses an independent contractor to operate the Pretreatment Plant (the "Operator"), which Operator will be involved in and assigned certain LCA responsibilities.

Special Wastes are typically defined as industrial wastes from non-residential, non-commercial activities that are generated at an industrial facility, and/or include Categorical Waste generated at a facility subject to National Categorical Pretreatment Standards found in 40 CFR Parts 405 to 471. Special Wastes do not include residential and commercial septic, holding tank, grease trap waste nor portable toilet wastes.

A Special Waste Generator Application for each Special Waste shall be completed in full and submitted to LCA for review prior to issuance of a Special Waste Permit, and approval to discharge at the Pretreatment Plant. Additionally, a Special Waste Generator Application shall be completed and submitted for each address where Special Waste is generated and each waste stream that is generated. If approved, a Special Waste Permit will be issued for each Special Waste, and for each address where Special Waste is generated.

#### *Generator Information*

Name of Company \_\_\_\_\_  
Authorized Contact \_\_\_\_\_  
Company Address \_\_\_\_\_  
\_\_\_\_\_  
Phone \_\_\_\_\_  
Email Address \_\_\_\_\_  
Alternate Contact \_\_\_\_\_  
Alternate Phone \_\_\_\_\_

#### *Hauler Information<sup>1</sup>*

Pick-Up Address \_\_\_\_\_  
\_\_\_\_\_  
Hauler(s) Name \_\_\_\_\_

<sup>1</sup> Hauler must be permitted by LCA

## Wastewater Pretreatment Plant Special Waste Generator Application

### *Quantity and Frequency of Waste*

Hauling Frequency (circle one) per:  Week  Month  Quarter  Year  One Time

Total Projected Annual Volume (gallons) \_\_\_\_\_

Average Volume (gallons per hauling frequency) \_\_\_\_\_

Maximum Volume (gallons per hauling frequency) \_\_\_\_\_

### *Waste Categories*

Hauled Waste is categorized as a Standard or Special Waste; each including specific waste types. Special Waste has required permitting and monitoring requirements for generators, as outlined herein. **Generators of Special Waste are required to apply for and request approval to discharge under a Special Waste Generator Permit.**

**Special Waste** is defined as any waste other than Standard Waste (residential and commercial septic, holding tank, and grease trap waste; and portable toilet wastes), and includes all Categorical Waste which is defined as any industrial activity performed at a facility subject to National Categorical Pretreatment Standards found in 40 CFR Parts 405 to 471.

<b>Special Waste Requested for Permit Approval (check only one)</b>	
<input type="checkbox"/> Industrial Wastewater - Food Processing <input type="checkbox"/> Industrial Wastewater - Manufacturing <input type="checkbox"/> Industrial Wastewater – Process <input type="checkbox"/> Industrial Wastewater – Laundry <input type="checkbox"/> Industrial Wastewater- Other: _____	<input type="checkbox"/> Industrial Sludge - Paper Mill <input type="checkbox"/> Industrial Sludge - Food Processing <input type="checkbox"/> Industrial Sludge- Other: _____ <input type="checkbox"/> Misc. - Leachate / Other: _____ <input type="checkbox"/> Categorical

- **Industrial Wastewater** means wastewater generated from industrial processes such as food processing, manufacturing, processing, and laundries.
- **Industrial Sludges** means solids generated at industrial wastewater treatments facilities and by-products of industrial manufacturing such as paper mills and food processing.
- **Food Processing** applies to any wastewater or sludge generated from a food grade process, including slaughter house and meat packaging.
- **Miscellaneous Waste** means non-domestic, non-commercial high impact wastes such as leachate from landfills, or any Special Waste not included in industrial wastewater or industrial sludges.
- **Categorical Waste** means a source of waste subject to Categorical Pretreatment Standards promulgated by EPA in accordance with Sections 307(b) and (c) of the Clean Water Act which apply to a specific category of users and which appear in 40 CFR Parts 405 to 471.

### Wastewater Pretreatment Plant Special Waste Generator Application

NAICS / SIC Code / Description of Waste \_\_\_\_\_  
\_\_\_\_\_

Description of the process that generates the waste. (Attach process flow diagram)

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Principle raw materials used in the process generating the waste.

\_\_\_\_\_  
\_\_\_\_\_

Has the waste been pretreated?  Yes  No If Yes, describe the pretreatment process.

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Was this waste stream previously transported for disposal at another facility?  Yes  No  
If yes, provide the facility name and category under which the waste was previously classified.

\_\_\_\_\_

Is this waste RCRA hazardous?  Yes  No  
**If yes, LCA does not accept RCRA hazardous waste.**  
If no, provide details on how determination was made.

\_\_\_\_\_  
\_\_\_\_\_

Is the waste subject to Federal Categorical Pretreatment Standards regulations?  Yes  No  
If yes, indicate the applicable 40 CFR Parts 405 through 471 subcategory.

\_\_\_\_\_

Does the waste contain any fracking wastewater? Yes No

**Wastewater Pretreatment Plant  
Special Waste Generator Application**

Does the waste contain concentrations of Polychlorinated Biphenyls (PCBs) regulated by 40 CFR 761?     Yes     No

Is or has the facility ever been connected to a municipal sewer system?     Yes     No

If yes, explain why this waste is not being discharged to the sewer.

---

---

Has this waste been associated with regulatory or compliance action(s) in the last five (5) years either at this facility or at a waste treatment plant to which wastes from the facility have been discharged?     Yes     No

If yes, explain regulatory and/or compliance action, and resolution or mitigation.

---

---

Are there any characteristics of this waste that make it incompatible or reactive with other wastes that may require segregation or special handling during and after discharge?  Yes     No

If yes, explain in detail \_\_\_\_\_

---

Is there any compound that is expected to be in the discharge that was not detected in the analysis?

If so, please list. \_\_\_\_\_

---

An additional application and issuance of an Industrial Pretreatment Permit may be required for Categorical Waste. Additional testing may also be required for Categorical Waste.

*Analytical Results*

Identify the concentration of the following parameters listed in Table 1 in a *representative sample* of the Special Waste. Analysis must be performed by a qualified, PADEP accredited or NELAC certified laboratory and the sample collected within the past 6 months.

Attach a copy of the laboratory results with this Application. All sample results submitted shall be representative as defined in 40 CFR 261 - Appendix 1 or by using an equivalent method.

Additional testing data may be required for approval of Special Wastes. Other information may be requested, and a site visit / inspection may be required to approve acceptance of Special Wastes, at the discretion of the LCA.

Table 2 applies ONLY to Food Processing Waste. Waste streams generated from a food grade process must complete a minimum of the parameters listed in Table 2. LCA reserves the right to request additional testing.

## Wastewater Pretreatment Plant Special Waste Generator Application

Table 1: Industrial Testing Requirements (except for Food processing waste)

Parameter	Units	Method
Aluminum, (Al)	mg/L	EPA 200.8
Ammonia Nitrogen (NH <sub>3</sub> -N)	mg/L	SM 4500 NH <sub>3</sub> D
Antimony, (Sb)	mg/L	EPA 200.8
Arsenic, (As)	mg/L	EPA 200.8
Barium, (Ba)	mg/L	EPA 200.8
Beryllium, (Be)	mg/L	EPA 200.8
Biochemical Oxygen Demand (BOD)	mg/L	SM 5210B
Boron, (B)	mg/L	EPA 200.8
Bromide, (Br)	mg/L	EPA 300.0
Cadmium, (Cd)	mg/L	EPA 200.8
Chemical Oxygen Demand (COD)	mg/L	SM 5220D
Chloride, 300.0	mg/L	EPA 300.0
Chlorine, Total	mg/L	SM 4500-Cl-G
Chromium (III)	mg/L	Calculation
Chromium (VI)	mg/L	EPA 218.6
Cobalt, (Co)	mg/L	EPA 200.8
Copper, (Cu)	mg/L	EPA 200.8
Cyanide, Free	mg/L	OIA 1677-09
Cyanide, Total	mg/L	ASTM D 7511-12
Iron, (Fe)	mg/L	EPA 200.8
Iron, Dissolved	mg/L	EPA 200.8
Lead, (Pb)	mg/L	EPA 200.8
Manganese, (Mn)	mg/L	EPA 200.8
Mercury, (Hg)	mg/L	SM 3112-B
Nickel, (Ni)	mg/L	EPA 200.8
Oil & Grease	mg/L	EPA 1664A
PCBs, 608	mg/L	EPA 608.3
Pesticides, 608, PPL	mg/L	EPA 608.3
pH, Lab	s.u.	SM 4500-H-B
Phenolics, Total (Low Level)	mg/L	EPA 420.1
Selenium, (Se)	mg/L	EPA 200.8
Silver, (Ag)	mg/L	EPA 200.8
Sulfate, 300.0	mg/L	EPA 300.0
SVOA, 625, PPL	ug/L	EPA 625.1
TDS	mg/L	SM 2540-C
Thallium, (Tl)	mg/L	EPA 200.8
Total Kjeldahl Nitrogen (TKN)	mg/L	SM 4500 Norg B/C
Total Phosphorus	mg/L	SM 4500-PBE
Total Suspended Solids	mg/L	SM 2540 D
VOA, 624, PPL	ug/L	EPA 624.1
Zinc, (Zn)	mg/L	EPA 200.8

**Wastewater Pretreatment Plant  
Special Waste Generator Application**

Table 2: Food processing waste testing requirements

<b>Parameter</b>	<b>Units</b>	<b>EPA or SM Method Number</b>
Biochemical Oxygen Demand (BOD)	mg/L	SM 5210B
Chemical Oxygen Demand (COD)	mg/L	SM 5220D
Total Suspended Solids (TSS)	mg/L	SM 2540D
pH	s.u.	SM 4500-H+B
Total Kjeldahl Nitrogen (TKN)	mg/L	SM 4500-NorgB/C

## Wastewater Pretreatment Plant Special Waste Generator Application

### *Insurance Requirements*

The Permittee shall maintain General Commercial Liability in the amount of \$1,000,000 per occurrence on combined single limit coverage. Insurance coverage must remain in full force throughout the duration of this permit. Nothing herein shall in any manner preclude the Permittee from obtaining additional insurance coverage as may be deemed necessary for his or her own protection.

All insurance coverage shall include LCA, the City of Allentown, and the current operator of Pretreatment Plant as named Additional Insureds on the policies and Certificates of Insurance. A proper Certificate of Insurance shall be submitted to LCA as a condition of issuance of the Waste Hauler Permit. Should coverage afforded under the policy be canceled, non-renewed, materially changed, or allowed to expire, Permittee shall provide LCA with 30 days prior written notice, and provide replacement conforming insurance coverage and certificate.

### *Certification*

<b>Certification: Accuracy of Information and Agreement with Permit Terms</b>
---

I certify that I am a duly Authorized Representative of the above-named Applicant and I have full power and authorization to submit this Special Waste Permit Application.

I agree to indemnify and hold harmless Lehigh County Authority, its officers, officials, employees, contractors, and appointed personnel, of and from any claim and/or liability arising out of the activities of the Permittee.

I agree to indemnify and hold harmless the City of Allentown and the current operator of Pretreatment Plant, its officers, officials, employees, contractors, and appointed personnel, of and from any claim and/or liability arising out of the activities of the Permittee

I agree to accept full legal responsibility for all damages, direct or indirect, arising out of the activities authorized by this Permit.

I agree to carry General Commercial Liability Insurance in the amount of \$1,000,000 per occurrence on combined single limit coverage that complies with the statutory requirement of the Commonwealth of Pennsylvania.

I agree to allow LCA representatives to conduct a credit check on the named business applying for this Special Waste Permit.

I will ensure that each representative of the company involved in the actual discharge of hauled Special Waste will read, understand, and abide by all permit conditions.

I understand that failure to meet the requirements and conditions contained in the Special Waste Permit may result in fines, suspension or revocation of all Permits, and/or legal prosecution.

I certify that the contents of this document are fully and accurately described to the best of my knowledge and belief.

Name of the Owner or Authorized Agent (Print)	Title (Print)
Signature of the Owner or Authorized Agent	Date

MAIL APPLICATION TO:

Lehigh County Authority  
Wastewater Pretreatment Plant  
7676 Industrial Boulevard  
Allentown, Pa. 18106

Questions should be directed to the Pretreatment Plant at: [Andrew.Burcaw@jacobs.com](mailto:Andrew.Burcaw@jacobs.com)  
610-395-9782, Ext. 222