

**LEHIGH COUNTY AUTHORITY
WASTEWATER PRETREATMENT PLANT
WASTE HAULER PERMIT**

HAULER PERMIT ID: _____

Permit Effective Date: _____ **Permit Expiration Date:** _____

The below-named Waste Hauler, hereinafter referred to as Permittee, is issued this Waste Hauler Permit under Authority of the Lehigh County Authority (LCA) Rules and Regulations. The Waste Hauler Permit Application, analytical testing results, documents, and information submitted on behalf of this Permit is hereby incorporated by reference, and are filed with and considered part of this Waste Hauler Permit.

Hauler Name
Office Phone
Street Address
City, State, Zip

In accordance with the provisions of the LCA Hauled Waste Program, the Permittee is hereby authorized to discharge hauled waste to the LCA Wastewater Pretreatment Plant (Pretreatment Plant) in accordance with the limitations, reporting requirements, and other conditions set forth in this Permit. Compliance with this Permit does not relieve the Permittee of its obligation to comply with any or all applicable local, state, and/or federal regulations, standards, requirements, and/or laws that may become effective during the term of this Permit.

Non-compliance with any term or condition of this Permit shall constitute a violation of the LCA Rules and Regulations. This Permit is non-transferable and authorizes only the above listed Permittee and the vehicles specified in *Operating Guidelines Section A, Table 1* of this Permit to discharge Hauled Waste to the Pretreatment Plant which has been *approved in writing* by LCA. This Permit shall not be sold, traded, assigned, or subleased by the Permittee.

If the Permittee plans to continue to discharge after the expiration date of this Permit, an application must be filed for permit renewal, a minimum of (sixty) 60 calendar days prior to the expiration date.

This approval is granted by:

_____ LCA Representative	_____ Date
Diana Heimbach _____ Printed Name	_____ Project Manager _____ Title

For information, contact:

Administrator - Lehigh County Authority
Wastewater Pretreatment Plant
7676 Industrial Boulevard, Allentown, Pa. 18106
Phone: 610-395-9782, Ext. 210
Email: NERLEHWasteAdmin@ch2m.com

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LCA uses an independent contractor to operate the Pretreatment Plant (the “Operator”), which the Operator will be involved in and assigned certain LCA responsibilities.

Waste Hauler Permit Conditions

Section 1 - Permit Duration, Modifications and Revocation

This Permit shall be in duration from the Permit Effective Date through the Permit Expiration Date. The Permit may be renewed at LCA’s discretion upon receipt of an appropriate Hauled Waste Application and fee(s) from the Permittee. LCA shall also have the right to amend, modify, limit, suspend and/or revoke this Permit at any time for reasons including, but not limited to: unacceptable individual or cumulative impact of waste discharges on the Pretreatment Plant operation; non-compliance with Permit conditions; falsifying manifests / permit applications / documents; non-payment of LCA invoices; manipulating samples; falsifying flow or load capacity; determination by LCA that the discharge results in an unacceptable legal, regulatory or financial burden; and other reasons of convenience. Permittee shall only be afforded advanced notice of at least 60 days prior to revoking the Permit for convenience; other LCA actions related to the Permit may be immediate. LCA shall not be held liable for any damages including actual damages, or loss of revenue, profit, business opportunity, etc. or other consequential or incidental damages for the impact of modification, amendment, limitation and/or revocation of this permit.

Section 2 – Vehicles Authorized to Discharge

The Permittee is authorized to discharge Hauled Waste from the vehicles listed in Table 1 of Operating Guidelines Section A, Vehicle Registrations as identified by the truck’s license number. No other vehicles are authorized to discharge Hauled Waste to the Pretreatment Plant.

Each approved vehicle shall be restricted by the Permittee from handling any Resource Conservation and Recovery (RCRA) hazardous wastes as defined in 40 CFR 261. The Permittee shall maintain proper licensing and inspections on all authorized vehicles in accordance with Pennsylvania Department of Environmental Protection (PADEP) Chapter 285 and Chapter 299, including Health Department inspections and/or other requirements.

Each approved vehicle shall be fitted with a waste volume indicating device of a form and accuracy acceptable to LCA. Calibration and/or field verification may be required, at the discretion of LCA. When any volume measuring device is found to be inoperable, inaccurate, or otherwise unacceptable to LCA; waste loads may be assessed on the full certified volume of the vehicle, regardless of the actual content of each load. Each approved vehicle shall also be fitted with appropriate sample ports and valves as necessary to allow the Permittee to collect a representative sample of the vehicle contents, and deliver to the Hauler Administrator prior to discharge. LCA shall have the right to collect samples and/or observe sample collection from the Permittee vehicle at all times.

It is the responsibility of the Permittee to ensure that their drivers know what they are hauling, at what station they should discharge, and if the waste category is associated with Special Waste. In

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addition, wastes remaining from prior loads that are not being hauled to this facility shall be discharged and cleaned before picking up loads to be delivered to the Pretreatment Plant.

The Permittee is not authorized to utilize an intermediate stationary holding tank for material delivered to the Pretreatment plant. Loads delivered to the Pretreatment Plant shall be delivered in the trucks used for pick up, or after transferring directly from another vehicle, without use of an intermediate stationary storage or holding tank.

Section 3 - Hauled Waste Prohibitions and Limitations

General Prohibitions - No Hauled Waste shall be accepted which will interfere with the operation or performance of the Pretreatment Plant. General Prohibitions are part of national standards that apply to all non-domestic dischargers, which are being extended to the LCA Hauled Waste program. These General Prohibitions apply to all *non-domestic sources* of Hauled Waste, whether or not the generators are subject to National Categorical Pretreatment Standards.

Waste transported from a Generator subject to National Categorical Pretreatment Standards must meet the applicable Federal Categorical Standards. The Generator shall provide proof to LCA of such compliance. Prior to delivery of waste, the Generator shall apply for and obtain an Industrial Pretreatment Permit (IPP) **and** a Special Waste Permit issued by LCA.

Specific Prohibitions - The following Hauled Waste shall not be discharged at the Pretreatment Plant.

- a. Any material considered a RCRA hazardous waste as defined in 40 CFR Part 261;
- b. Pollutants that will create a fire or explosion hazard;
- c. Pollutants that will cause corrosive structural damage; in no case discharges with a pH lower than 4.0 or higher than 11.0 standard units;
- d. Solid or viscous pollutants in amounts that will cause obstruction to flow;
- e. Any other pollutant discharged at a concentration or volume that will cause interference¹ with operation of the Pretreatment Plant;
- f. Heat in amounts that will inhibit biological activity; in no case should discharges cause the Pretreatment Plant influent to exceed 104 degrees F;
- g. Petroleum oil, non-biodegradable cutting oil, or products of mineral oil origin, in amounts

¹ Interference is a discharge, which alone or in conjunction with a discharge or discharges from other sources, inhibits or disrupts the Pretreatment Plant, its treatment processes or operations or its biosolids processes, use or disposal; and therefore, is a cause of a violation of the Pretreatment Plant Permit with the City of Allentown or of the prevention of biosolids use or disposal in compliance with any of the following statutory/regulatory provisions or permits issued thereunder, or any more stringent State or local regulations: Section 405 of the Act; the Solid Waste Disposal Act, including Title II commonly referred to as the Resource Conservation and Recovery Act (RCRA) ; any State regulations contained in any State biosolids management plan prepared pursuant to Subtitle D of the Solid Waste Disposal Act; the Clean Air Act; the Toxic Substances Control Act; and the Marine Protection, Research, and Sanctuaries Act

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that will cause interference or pass through²;

- h. Pollutants that result in the presence of toxic gases, vapors, or fumes in a quantity that may cause acute worker health and safety problems;
- i. Noxious or malodorous liquids, gases, solids, or other wastewater which, either singly or by interaction with other wastes, are sufficient to create a public nuisance or a hazard to life;
- j. Wastewater containing any radioactive wastes or isotopes except in compliance with applicable state or federal regulations;
- k. Medical wastes, except as specifically authorized by LCA in a Special Waste Generator Permit;
- l. Detergents, surface-active agents, or other substances which may cause excessive foaming in the Pretreatment Plant or its discharge;
- m. Fats, oils, greases or waxes of animal or vegetable origin in amounts which cause interference with the Pretreatment Plant, including physical obstructions;
- n. Fracking wastewater;
- o. Any wastewater with objectionable color that will pass through;
- p. Any other type of waste that may not be treatable by the Pretreatment Plant, or will interfere with the operation of the Pretreatment Plant, or which results in contamination of the Pretreatment Plant biosolids (biosolids pollutant standards presented in 271.914 (b)(3) *Table 3*, PA Municipal Waste); and
- q. Any waste that would result in the Pretreatment Plant or Kline's Island Wastewater Treatment Plant effluent violating any local, state or federal regulation, permit, or requirement, or to cause interference or pass through.

Specific Limitations

In addition to the Prohibitions described herein, LCA reserves the right to impose specific limitations on any Permittee to protect the Pretreatment Plant and the Kline's Island Wastewater Treatment Plant from interference or pass-through, and/or changing the use of treatment plant biosolids. Table 1 includes **Specific Limits for pH applicable to all Hauled Waste**. Table 2 Specific Limits for Metals are applicable to Special Waste only; however, limits may be extended to include Standard Waste if LCA determines that the Hauled Waste poses a risk to the Pretreatment Plant and/or the Kline's Island Wastewater Treatment Plant.

² Pass through is a discharge which exits the Pretreatment Plant into the Kline's Island Wastewater Treatment Plant in quantities or concentrations which, alone or in conjunction with a discharge or discharges from other sources, is a cause of a violation of any requirement of the Pretreatment Plant's permit or Kline's Island Wastewater Treatment Plant, including an increase in the magnitude or duration of a violation.

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Table 1. Specific Limits for pH

Parameter	Units	Lower Limit	Upper Limit
pH	Standard Units (S.U.)	4.0	11.0
Surfactants (MBAS)	µL	Monitor only	

Table 2. Specific Limits for Metals

Parameter	Units	Limit
Arsenic	mg/L	0.44
Cadmium	mg/L	0.56
Chromium	mg/L	24.00
Copper	mg/L	23.15
Lead	mg/L	4.26
Mercury	mg/L	0.24
Molybdenum	mg/L	2.36
Nickel	mg/L	2.55
Selenium	mg/L	1.42
Silver	mg/L	8.51
Zinc	mg/L	33.67

Special wastes may have additional limits.

Section 4 – Discharge Requirements

Designated Disposal Point(s), Conditions and Operating Hours - The Permittee shall discharge all wastes at the designated liquid waste disposal station located at the Pretreatment Plant, located at 7676 Industrial Boulevard, Allentown, PA, in accordance with LCA procedures (Refer to Operating Guidelines Section E, Procedure for Discharge). The Permittee shall have authorization by the Operator before discharging any wastes. Permitted wastes shall only be accepted during designated operating hours which shall be determined by the Pretreatment Plant, and subject to modification from time-to-time (Refer to Operating Guidelines Section F, Hours of Operation). Additional hours for discharge of Hauled Waste may be allowed on a case-by-case basis contingent on pre-arrangement and approval of the plant operator, and with such request being made in writing by the Permittee. The Permittee shall obey all traffic signs and routing directions required by the plant operators when on the plant property.

Use of Waste Manifest System - The Permittee shall use the Pretreatment Plant Manifest form to record every source of origin of every load that is delivered to the Pretreatment Plant (Refer to Operating Guidelines Section D, Hauler Manifest). Failure to accurately record every source of every load, falsification of data, or failure to generate the form for the Operator for review and processing prior to discharge, may result in revocation of this permit and hold the Permittee liable to LCA, the Pretreatment Plant Operator, and the Kline's Island Wastewater Treatment Plant for any resulting damage to any of their respective facilities, as well as additional costs, contributed to by lack of such Permittee compliance.

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Categories of Waste – Hauled Waste is categorized as a Standard or Special Waste; each including specific waste types. Standard and Special Waste have required permitting and monitoring requirements as outlined herein. (Refer to Operating Guidelines Section B, LCA Waste Types.)

Standard Waste - Waste from domestic and commercial sources (septage and holding tank waste), municipal or publicly owned treatment facilities (sludges, influent, and effluent), grease traps, portable toilets, or domestic / commercial car washes are Waste Types included in Standard Waste. These wastes shall be subject to the review and limitations outlined herein. The following definitions shall be followed when determining the Category / Type of Hauled Waste.

- **Septic and Holding Tank** waste means wastewater from residential and/or commercial sources such as water carrying normal residential household wastes, including wastes from single and multiple residences, hotels and motels, restaurants, office buildings, laundromats, bunkhouses, campgrounds, and toilet wastes from septic tanks, cesspools and holding tanks.
- **Municipal** wastes means sludges, influent, and/or effluent from municipal (domestic) wastewater treatment plants.
- **Grease Trap** waste means waste from units designed to retain grease from plumbing fixtures or interceptors commonly installed at restaurants, food service operations, grocery stores, etc.
- **Portable Toilet** waste means pumpings from portable chemical toilets.
- **Car Wash** waste means water generated at domestic or commercial vehicle wash facilities. Not included in this waste type is vehicle wash water from tanker trucks, garbage trucks, and other industrial vehicle washing facilities, and is considered a Special Waste.

Special Waste - Any wastes other than those defined above as Domestic Wastewater from Residential and Commercial Sources, shall be considered **Special Wastes**. Generators of Special Waste are required to apply for and request approval to discharge under a Special Waste Generator Permit. Special Waste is subject to additional review and LCA Authorization procedures (Operating Guidelines Section C, Special Waste Administration Procedures).

- **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.
- **Miscellaneous Waste** means non-domestic, non-commercial high impact wastes

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such as leachate from landfills, or any Special Waste not included in industrial wastewater or industrial sludges.

- **Categorical Waste** means a source of waste required to comply with 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.

Section 5 – Sampling, Monitoring, and Reporting

Before discharging Hauled Waste into the plant, the Permittee will be required to provide a sample to the Operator to ensure compliance with discharge limits and Pretreatment Plant requirements. LCA reserves the right to refuse permission to any Permittee to discharge any load. (Refer to Operating Guidelines Section E, Procedure for Discharge).

LCA may collect samples of the contents of any vehicle used by the Permittee and to examine the manifests required to be maintained in connection therewith. Permittees and their employees shall cooperate with and assist such authorized LCA personnel in obtaining samples and examining records. The Permittee may be required to suspend further discharge of a Hauled Waste until sampling and analysis have been completed. LCA reserves the right to refuse permission to discharge any load to the Pretreatment Plant.

The Permittee is required to retain copies of the data required as part of the permit application and forms and data required under this permit for a period of at least three (3) years from the date of the sample collection, form, or application.

The Permittee shall retain all records that pertain to matters that are subject of directives or other enforcement or litigation activities until all enforcement actions have concluded and all periods of limitation with respect to any and all appeals have expired.

Mixing waste streams – Standard Waste is permitted to be mixed with other Standard Waste on the same truck load. Mixing of Special Waste is NOT permitted, unless a detailed request with sufficient documentation is made in writing to LCA, and written approval is provided by LCA.

The Permittee is responsible for accurately recording every source on every load prior to discharge using the LCA Manifest form. Failure to accurately record every source of every load and/or falsification of data for review and processing prior to discharge by the Hauler Administrator, may result in revocation of this Permit.

Section 6 – Responsibilities and Limitations

Indemnification - The Permittee indemnifies and holds harmless LCA, its officers, officials, employees, contractors and appointed personnel, of and from any claim and/or liability arising out

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of the activities of the Permittee. The Permittee also holds harmless the City of Allentown (as the owner of the Kline's Island Wastewater Treatment Plant receiving discharges from LCA) and Operator, its officers, officials, employees, contractors and appointed personnel, of and from any claim and/or liability arising out of the activities of the Permittee. The Permittee agrees to accept full legal responsibility for all damages, direct or indirect, arising out of the activities authorized by the Permit.

Insurance - The Permittee shall maintain General Liability and Auto Liability Insurance in the amount of \$1,000,000 per occurrence on combined single limit coverage and Worker's Compensation that complies with the statutory requirement of the State of Pennsylvania. 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, except for Worker's Compensation insurance, shall include LCA, the City of Allentown, and the current Operator 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.

Notification of Change - If the Permittee becomes aware of any changes to an approved Hauled Special Waste being accepted at the Pretreatment Plant, LCA shall be contacted and the Hauled Waste discharge must immediately stop until such Hauled Waste is re-evaluated and written approval is provided by LCA.

Non-Transferability - This Waste Hauler Permit is issued to the listed Permittee only, and is not transferable to other haulers, or to new owners upon sale or transfer of the permitted hauler's business. In the event of any change in control or ownership, the Permittee shall notify LCA immediately and apply for a new Hauled Waste Permit to minimize interruption of business or production.

Payment - Payment for discharge services shall be made in the form required by LCA. Failure to remit payments within 60 days (based on date of invoice) in their entirety shall result in suspension and/or revocation of discharge privileges, late fees, and other actions by LCA. LCA reserves the right to require payment in advance, payment surety, or other forms of guarantee of payment as a condition of continuance of discharge privileges. Rates for discharge shall be established by LCA and shall be subject to periodic revision. The Permittee will be notified in writing of proposed changes in rates (Refer to Operating Guidelines Section G, Fiscal Guidelines).

Section 7 – Actions for Violation

Failure of the Permittee to comply with any Terms or Conditions of this Waste Hauler Permit will subject the Permittee to one or more of the following actions:

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Cease and Desist - Upon notification of Permit revocation, the Permittee shall cease and desist from discharging until a new Waste Hauler Permit or other LCA permit has been issued or the matter has been resolved by administrative penalty or court action.

Legal Remedies - If any Permittee violates any directive of LCA, the Operator, a hearing board or officer, or otherwise fails to comply with any provisions of this Permit; or discharges sewage, industrial wastes, or other wastes, into the Pretreatment Plant contrary to the provisions of this Permit, federal, state, or local pretreatment requirements and/or law; among the courses of action LCA may take is commencement of an action in a court of record (Lehigh County) for appropriate legal and equitable relief. In such action, LCA may recover from the defendant reasonable attorney fees, court costs, deposition and discovery costs, expert witness fees and other expenses of investigation, enforcement action, administrative hearings and litigation, if LCA prevails in the action or settles at the request of the defendant. Any Permittee who violates any of the provisions of this Permit shall become liable to LCA for any expense, loss, and/or damages to LCA, or to the Pretreatment Plant, Park Pumping Station, Western Lehigh and Little Lehigh Relief Interceptors, Kline’s Island Wastewater Treatment Plant or other appurtenant facilities, occasioned by such violation. In addition, upon proof of willful or intentional falsification, sample tampering or unauthorized discharges, LCA shall be entitled to recover as damages two (2) times the amount of actual damage.

Remedies Cumulative - The remedies provided for in this Waste Hauler Permit, including recovery of costs, administrative penalties and damages shall be cumulative and in addition to any other penalties, sanctions, fines and remedies that may be imposed. Nothing in this Waste Hauler Permit shall limit the Permittee’s responsibility for adherence to all federal, state and local codes and laws, nor limit any legal action, fines or penalties which may be levied in accordance with said laws and codes.

Acknowledgement

The Permittee agrees to comply with the provisions of the Federal Water Pollution Control Act, Federal Resource Conservation and Recovery Act, the LCA Waste Hauler Program Rules and Regulations, and all other federal, state and local requirements. The Permittee shall comply with permit applications, documents, analytical testing results, and other data submitted to LCA in support of this Waste Hauler Permit, all of which are filed with and considered as part of this Permit. The Permittee agrees to the Conditions and Requirements set forth in this Waste Hauler Permit and Operating Guidelines.

By signing, I acknowledge that I have read in full and agree to the Terms and Conditions set forth in this Waste Hauler Permit and Operating Guidelines.

Name of Owner or Authorized Agent (Print)

Title (Print)

Signature of the Owner or Authorized Agent

Date