



**King County**

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# Public Rules

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Title

**DISCHARGE OF HAULED WASTE AT A KING COUNTY PUBLICLY OWNED TREATMENT WORKS (POTW) TREATMENT PLANT**

Document Code No.

PUT 8-22

Department/Issuing Agency

Department of Natural Resources and Parks/Industrial Waste Program

Effective Date

September 15, 2008



King County

<p>Title DISCHARGE OF HAULED WASTE AT A KING COUNTY PUBLICLY OWNED TREATMENT WORKS (POTW) TREATMENT PLANT</p>	<p>Document Code No. PUT 8-22 (PR) K.C.C. 28.84.060</p>
<p>Department/Issuing Agency Department of Natural Resources and Parks / Industrial Waste Program</p>	<p>Effective Date September 15, 2008</p>
<p>Approved </p>	

- 1.0** **SUBJECT TITLE:** Discharge of Hauled Waste at a King County Publicly Owned Treatment Works (POTW) Treatment Plant
- 1.1 **EFFECTIVE DATE:**
- 1.1.1 **FILING DATE:**
- 1.2 **TYPE OF ACTION:** NEW
- 1.3 **KEY WORDS:** (1) Hauled Waste, (2) Septage, (3) Discharger (4) Hauler (5) POTW Treatment Plant
- 2.0** **PURPOSE:** To establish rules governing procedures for the discharge of hauled waste at a King County POTW Treatment Plant or its designated septage facility. .
- 3.0** **ORGANIZATIONS AFFECTED:**
- 3.1 Any industrial user, as that term is defined in King County Code (K.C.C.) 28.82.370, including any discharger or hauler of non-domestic septage, discharging industrial waste, as that term is defined in K.C.C. 28.82.380 including non-domestic septage to a King County POTW Treatment Plant or its designated septage facility.
- 3.2 King County Department of Natural Resources and Parks; Wastewater Treatment Division; Industrial Waste Program; Seattle King County Public Health, Environmental Health Services Division
- 4.0** **REFERENCES:** K.C.C. 28.84.060 – Industrial Waste Rules and Regulations and K.C.C. 28.84.050 – Sewage Disposal Rules and Regulations. The King County Code may be accessed on-line at: [www.kingcounty.gov](http://www.kingcounty.gov).
- 5.0** **DEFINITIONS:** In addition to the definitions listed in Section 5 of this Public Rule, all definitions included in K.C.C. 28.82.010 - .1000 (Appendix 9.1) are hereby adopted by reference.

- 5.1 “Cesspool” shall mean a lined or partially lined underground pit into which raw household wastewater is discharged and from which the liquid seeps into the surrounding soil. Sometimes called a leaching cesspool.
- 5.2 “Commercial Waste” shall mean any liquid, solid, or gaseous substance, or combination thereof, waste emanating from business establishments including, but not limited to, stores, markets, office buildings, restaurants, shopping centers, and theaters. Commercial waste is also included in the definition of industrial waste. Commercial Waste does not include “industrial waste” as that term is defined at K.C.C. 28.82.380.
- 5.3 “Compatible Pollutants” shall mean biochemical oxygen demand, suspended solids, pH, and fecal coliform bacteria, plus additional pollutants identified in an NPDES permit if the publicly owned treatment works (POTW) is designed to treat such pollutants, and in fact does remove such pollutants to a substantial degree. The term “substantial degree” is not subject to precise definition, but generally contemplates removals in the order of 80 percent or greater. Examples of the additional pollutants that may be considered compatible include: chemical oxygen demand; total organic carbon; phosphorus and phosphorus compounds; nitrogen and nitrogen compounds; and, fats, oils, and greases of animal or vegetable origin (except as prohibited where these materials would interfere with the operation of the POTW).
- 5.4 “Designated Septage Facility” shall mean a location designated by the director where domestic septage, chemical toilet, cesspool, commercial, industrial wastes, or grease removed from a grease trap at a restaurant may be discharged into the metropolitan sewerage system.
- 5.5 “Director” shall mean the Director of the Department of Natural Resources and Parks (DNRP) of King County or a duly authorized designee.
- 5.6 “Discharger” shall mean the generator or owner of the non-domestic septage or other hauled industrial waste.
- 5.7 “Domestic Septage” shall mean any liquid or solid material removed from a septic tank, cesspool or other primary treatment source that receives only domestic sewage. Domestic septage does not include liquid or solid material removed from a septic tank, cesspool, or other primary treatment works that receives either commercial waste or industrial waste and does not include grease removed from a grease trap at a restaurant.
- 5.8 “Hauled Waste” shall mean any waste transported by truck directly to a King County POTW Treatment Plant or its designated septage facility.
- 5.9 “Hauler” shall mean a person engaged in the collection and disposal of domestic septage, chemical toilet waste, non-domestic septage, commercial wastes, industrial wastes, or grease removed from a grease trap at a restaurant.

- 5.10 "Hazardous Waste" shall be as defined in accordance with 40 CFR 261.3 or amended.
- 5.11 "Industrial Waste" shall mean any liquid, solid or gaseous substance, or combination thereof, resulting from any process of industry, government agency, manufacturing, commercial food processing, business, agriculture, trade or research, including, but not limited to, the development, recovery or processing of natural resources, leachate from landfills or other disposal sites, decant water, contaminated nonprocess water, and contaminated stormwater and ground water (K.C.C.28.82.380).
- 5.12 "Non-domestic Septage" shall mean any liquid or solid material removed from a septic tank, cesspool, or other primary treatment works that receives domestic sewage and also receives commercial waste, industrial waste, or grease removed from a grease trap at a restaurant.
- 5.13 "Septage" shall mean the liquid and solid material pumped from a septic tank, cesspool, or other primary treatment source.

## **6.0 POLICIES:**

- 6.1 It is the policy of King County to provide sewerage facilities adequate for the transportation, treatment, and disposal of industrial and other wastes and to operate the metropolitan sewerage system in such a manner that protects public health and the environment. In carrying out this policy, the objectives of this rule are:
  - 6.1.1 To prevent pollutants from entering the sewerage system through a King County POTW Treatment Plant or its designated septage facility that will interfere with its normal operation, its ability to be in compliance with environmental permits damage the collection or treatment systems, or contaminate the resulting biosolids.
  - 6.1.2 To prevent the introduction of pollutants into the sewerage system through a King County POTW Treatment Plant or its designated septage facility that will not be adequately treated and will pass through into the environment.
  - 6.1.3 To prevent the introduction of pollutants into the sewerage system through a King County POTW Treatment Plant or its designated septage facility that could cause the POTW Treatment Plant to be designated as a RCRA waste acceptance facility under either federal or State of Washington law.
  - 6.1.4 To improve opportunities for recycling and reclamation of wastewater and biosolids.
  - 6.1.5 To ensure protection of worker safety and health.
  - 6.1.6 To implement waste reduction and recycling to prolong the useful life of existing and planned wastewater facilities and to protect the environment.

6.1.7 To implement an enforcement response plan aimed at achieving compliance in the shortest time frame possible and promoting responsibility of the industrial user to be in compliance.

6.2 Applicable discharge applications are available from King County Department of Natural Resources and Parks, Industrial Waste Program.

## 7.0 PROCEDURES:

Action By:  
Discharger

Action:

7.1 When non-domestic septage, commercial wastes, industrial wastes or grease removed from a grease trap at a restaurant are disposed of at a King County POTW Treatment Plant or its designated septage facility obtain all applicable discharge authorizations required by Ordinance No. 11034, codified at K.C.C. 28.84.

Discharger

7.2 For septic tank, holding tank, cesspool, or other containment area contents:

7.2.1 Demonstrate to King County's satisfaction that either:

7.2.1.1 No commercial wastes, industrial wastes or grease removed from a grease trap at a restaurant were discharged into the septic tank, holding tank, cesspool, or other containment area that is connected to a place of business which contains the wastes that will be collected and disposed of at a King County POTW Treatment Plant or its designated septage facility; or

7.2.1.2 Any commercial wastes, industrial wastes or grease removed from a grease trap at a restaurant that were discharged into the septic tank, holding tank, cesspool, or other containment area that will be collected and disposed of at a King County POTW Treatment Plant or its designated septage facility were discharged in a method that is in keeping with King County accepted or required practices that are designed to limit pollutant mass concentrations.

7.2.2 Demonstrate to King County's satisfaction that no hazardous wastes were introduced into the septic tank, holding tank, cesspool, or other containment area which contains the wastes that will be collected and disposed

of at a King County POTW Treatment Plant or its designated septage facility.

- 7.2.3 Comply with King County's Industrial Waste Rules and Regulations (K.C.C. 28.84.060) for all non-domestic septage, including commercial wastes, industrial wastes, or grease removed from a grease trap at a restaurant that are introduced into the septic tank, holding tank, cesspool, or other containment area that will be collected and disposed of at a King County POTW Treatment Plant or its designated septage facility.

Hauler

- 7.3 Demonstrate to King County's satisfaction that all hauled wastes containing non-domestic septage, commercial wastes, industrial wastes, or grease removed from a grease trap at a restaurant that are discharged at a King County POTW Treatment Plant or its designated septage facility have been properly identified on a King County provided form that states business name, address, phone number, and approval number (if needed).
- 7.4 Demonstrate to King County's satisfaction that no hazardous wastes were introduced into a load that will be discharged at a King County POTW Treatment Plant or its designated septage facility.

DNRP

- 7.5 Allow the discharge of non-domestic septage from septic tanks or cesspools at a King County POTW Treatment Plant or its designated septage facility when it has been demonstrated to King County's satisfaction that the waste poses no risk to the POTW Treatment Plant or its ability to be in compliance with environmental permits, land apply biosolids, or reclaim water and does not have potential to cause the POTW Treatment Plant to be designated as a RCRA waste acceptance facility.
- 7.6 Permit the discharge of commercial or industrial wastes, or grease removed from a grease trap at a restaurant from holding tanks or other containment area at a King County POTW Treatment Plant or its designated septage facility when it has been demonstrated to King County's satisfaction that the waste poses no risk to the POTW Treatment Plant or its ability to be in compliance with environmental permits, land apply biosolids, or reclaim water, does not have potential to cause the POTW Treatment Plant to be designated as a RCRA waste acceptance facility under either federal or State of Washington law; and:

- 7.6.1 The commercial or industrial waste is mixed with domestic wastes or is primarily comprised of compatible pollutants and is of such a nature which limits reasonable alternative disposal options for the discharger or hauler due to economic considerations or waste characteristics; or
- 7.6.2 King County has determined the need to accept certain wastes, primarily comprised of compatible pollutants, which will enhance King County's ability to advance the beneficial use of wastewater solids, effluent, methane gas, or other alternative energy production.
- 7.7 Reject any discharge of non-domestic septage, commercial or industrial wastes, or grease removed from a grease trap at a restaurant from septic tank, holding tank, cesspool, or other containment area that does not meet the requirements of applicable federal, state, or local law, including but not limited to the following: has not been properly characterized, has the ability to cause operational problems at the treatment plant, has the ability to cause non-compliance with environmental permits, has the potential to be designated as a hazardous waste, or is from a hauler or discharger that did not obtain and adhere to applicable permits and/or procedures.

## **8.0 RESPONSIBILITIES:**

- 8.1 Dischargers of non-domestic septage, commercial or industrial wastes, or grease removed from a grease trap at a restaurant hauled to a King County POTW Treatment Plant or its designated septage facility are responsible for obtaining applicable approval from King County prior to discharge.
- 8.2 Dischargers of non-domestic septage, commercial or industrial wastes, or grease removed from a grease trap at a restaurant hauled to a King County POTW Treatment Plant or its designated septage facility are responsible for ensuring that wastewater meets the requirements of K.C.C. 28.84.060 (Ordinance No. 11034).
- 8.3 Haulers of domestic and non-domestic septage, commercial or industrial wastewater, or grease removed from a grease trap at a restaurant hauled to a King County POTW Treatment Plant or its designated septage facility are responsible for certifying the nature of the waste discharges and must record business name, address, and other information as required for all non-domestic septage, commercial or industrial wastes, or grease removed from a grease trap at a restaurant hauled to a King County POTW Treatment Plant or its designated septage facility for each load discharged.

8.4 The King County Department of Natural Resources and Parks, Industrial Waste Program, is responsible for the enforcement of this Public Rule.

**9.0 APPENDICES:**

9.1 K.C.C. 28.82.010 - .1000, Definitions