Hauled Liquid Waste Types and Descriptions

MCES regulates septage and other hauled liquid waste discharged to the Metropolitan Disposal System (MDS). All loads of hauled liquid waste discharged to the MDS under the provisions of the MCES Septage Management Program are categorized below. Please be aware that although MCES currently accepts the types of hauled liquid waste describe below, MCES reserves the right to refuse any material that is improperly handled or when deemed necessary due to operational problems at an MCES treatment plant or approved LWR facility.

Domestic Waste

- Domestic Septage – Domestic sewage pumped from a septic tank with a drain field
- Domestic Holding Tank Waste – Domestic sewage pumped from a sealed tank with no drain field

Commercial Waste

Commercial waste is defined as a non-industrial waste hauled from a business or service establishment and is limited to the following:

- Portable Toilet Waste
- Restaurant Grease Traps
- Flammable Waste Trap Wastewater – Petroleum products and their derivatives are prohibited for discharge to the sanitary sewer system as per Section 406.00 of the Waste Discharge Rules. Therefore, all floating oil and or gasoline shall be removed prior to pumping the trap. The service station and or business owner shall remove the petroleum layer and send it out for recycling. Absorbent pads shall be used to remove any thin layer of oil still present on the surface of the water.
- Sand Trap Wastewater – Haulers shall make every effort possible to minimize the amount of sand, grit, and sludge discharged at MCES approved disposal sites. All such material remaining in the hauler's truck, after discharge, shall be disposed of in an appropriate manner as a solid waste.
- Holding tank waste from a commercial establishment that includes all wastewater from the establishment, not just domestic sewage.

Industrial Waste

All loads which do not meet the definition of domestic or commercial waste as defined above are considered industrial waste loads under the Septage Management Program and must be sampled, analyzed, and approved by MCES through an approval letter process prior to transport and disposal. Industrial waste as it applies to the MCES Septage Management Program is defined as one of the following:

- Industrial Liquid Waste – Liquid waste resulting from an industrial or manufacturing process. This includes food wastes from food product manufacturing companies, dairy wastes, and waste from all process sumps within an industrial facility including those in vehicle maintenance areas where process waste and flammable waste trap wastewater are combined.
- Landfill Leachate – Landfill Leachate resulting from the percolation of rainwater and/or internal liquids through the deposited material in a solid waste disposal facility. This waste category

includes landfill gas condensate, which results when landfill gas cools in the gas collection system and forms a liquid waste.

- Groundwater and Surface Water unsuitable for discharge to receiving waters – Contaminated groundwater is defined as polluted water pumped from soil, aquifers or underground tanks, as part of a remedial or dewatering action. Contaminated Surface Water is defined as polluted water from lakes, streams, and ponds, as well as contaminated runoff water.

Out of Service Area (OSA) Waste

MCES currently accepts Standard Domestic Septage, Domestic Holding Tank Waste, and Portable Toilet Waste from the following counties adjacent to the seven county metropolitan area: Chisago, Isanti, Sherburne, Wright, McLeod, Sibley, Nicollet, LeSueur, Rice, Goodhue, Polk, St. Croix, and Pierce. MCES also accepts Restaurant and other Food Service Establishment Grease Trap Waste from outside the metropolitan area without any restrictions regarding source location.

Out of Service Area (OSA) Industrial Waste

MCES accepts hauled Industrial Waste from outside the seven country metropolitan area, but such requests must be individually approved by MCES. This review process is longer than approval for industrial loads within the service area, and requires an upfront non-refundable application fee. Additional information is required including why a treatment plant closer to the source of the waste is unable to accept it. Sample results must be submitted and must meet MCES WDR limits. Loading and possible impact on MCES's treatment plant is also considered. Flammable waste traps and sand traps from outside the seven county metropolitan area are treated as industrial waste and must follow the same procedure stated above.