



Disposal Options for Mud Trap Waste

Technical Guidance Document SW-1994-G3

This document describes the options and requirements for disposal of mud trap waste.

Background

The purpose of a mud trap is to settle out mud, sand, and grit from wash down water so these materials do not enter the sewer system and potentially plug the sewers. Many commercial car and industrial wash facilities and auto and engine repair shops have a mud trap at the point where wash down water drains into the sewer system. Mud traps must be cleaned out periodically and the waste disposed. The characteristics of the mud trap waste depend on the type of wash facility generating the wash down water.

Commercial Car Wash Facilities

Per Bureau of Waste Management Policy 2016-P2, mud trap waste from commercial car wash facilities, including fleet car wash facilities, is considered non-hazardous waste and is not subject to Bureau of Waste Management (BWM) requirements for disposal or reuse.

Truck Wash Facilities, Industrial Facilities, or Repair Facilities

Mud trap waste from truck wash facilities, industrial facilities, and repair shops may be considered hazardous waste due to the high concentrations of petroleum products and/or heavy metals. All truck wash facilities, industrial facilities, and repair shops must test their mud trap waste to determine disposal options for this waste. The waste must be tested for volatile organic compounds (VOCs) and RCRA metals using the Toxicity Characteristic Leaching Procedure (TCLP) EPA test method SW-846/1311. In addition, some of these facilities may be RCRA hazardous waste generators and must manage their mud trap waste per the requirements of their hazardous waste generator status.

DISPOSAL OPTIONS FOR TRUCK WASH FACILITIES, INDUSTRIAL FACILITIES, AND REPAIR FACILITIES

If the mud trap waste is determined to be a hazardous waste it must be disposed of in accordance with state statutes and regulations regarding hazardous waste (K.S.A. 65-3430 *et seq.* and K.A.R. 28-31-4 *et seq.*).

If the waste is determined to be non-hazardous per the TCLP analytical results, disposal options are the following:

DRY Mud Trap Waste*

1. Dispose in a municipal solid waste landfill (MSWLF) (must have a special waste disposal authorization**)
2. Apply on top of a closed cell at an active or closed MSWLF (must have approval by BWM landfill permit manager)

*The waste must pass the paint filter test (EPA test method SW-846/9095) unless the receiving MSWLF is permitted to take liquid wastes under the Research, Development, and Demonstration (RD&D) Rule.

**Information about obtaining a special waste disposal authorization follows.

WET Mud Trap Waste

1. De-water and dispose of as DRY Mud Trap Waste
2. Transfer to a commercial processing facility
3. Transfer to a wastewater treatment plant
4. Apply on top of a closed cell at an active or closed MSWLF (must have approval by BWM landfill permit manager)

If the mud trap waste is determined to be a hazardous waste, it must be disposed of in accordance with state statutes and regulations regarding hazardous waste (K.S.A. 65-3430 *et seq.* and K.A.R. 28-31-4 *et seq.*).

REQUESTING A SPECIAL WASTE DISPOSAL AUTHORIZATION

A Special Waste Disposal Request form may be obtained by:

- Downloading the form from the KDHE BWM website www.kdheks.gov/waste/
- Emailing SWDA@kdheks.gov
- Calling 785-296-0681 or 785-296-1600 or
- Writing to the address on the top of this document. At the beginning of the address block, please add "ATTN Disposal Authorization."

The request must be accompanied by a determination of:

- Whether or not the waste is a hazardous waste and
- Whether or not the waste passes the paint filter test.

The completed disposal authorization request and supporting information may be submitted by:

- Scanning and emailing to SWDA@kdheks.gov
- Faxing to 785-296-8909 or 785-296-8721 or
- Mailing to the address on the top of this document. At the beginning of the address block, please add "ATTN Disposal Authorization."

For additional information regarding the proper management of solid or hazardous waste in Kansas, you may visit the Bureau of Waste Management website at www.kdheks.gov/waste/ or contact the Bureau at: 785-296-1600, bwm_web@kdheks.gov, or the address at the top of this document.