



MANAGEMENT OF SUMP AND PIT WASTES

NORTH DAKOTA DEPARTMENT OF HEALTH — DIVISION OF WASTE MANAGEMENT

Telephone: 701-328-5166 C Fax: 701-328-5200 C Rev: 07/01 C Website: www.health.state.nd.us

The mixture of dirt, grime, and grit that accumulates in sumps and pits is classified as a solid waste sludge and must be appropriately disposed. The types of wastes collected in a sump or pit depend upon the type of business that is using the device. For example, car wash residue and material washed into sumps or pits from the floors of vehicle maintenance shops will differ from waste that is collected in floor sumps at industrial manufacturing plants. The Department presently does not have rules specific to the management of sump and pit wastes. Therefore, this management outline has been created to assist generators and pumpers in making reasonable, environmentally sound decisions when handling these wastes. In doing this, future liability for such waste can be minimized.

Based upon the Hazardous Waste Program's experience, sump or pit waste generated by car wash and vehicle maintenance shops generally do not meet the definition of a characteristic hazardous waste. An exception to this assumption would be if hazardous waste was placed into the sump or pit for disposal purposes. As a result, unless hazardous waste is known or suspected to be present in the sump or pit, such wastes from car wash and vehicle maintenance shops can be considered a solid waste and disposed in accordance with the recommendations outlined in the attached chart.

Sump wastes generated at manufacturing plants will need to be analyzed in order to determine whether the waste would be regulated as a hazardous waste. For more information regarding the testing requirements and the management of hazardous waste, please contact the Hazardous Waste Program at 701-328-5166.

Although the burden of proper disposal of sump or pit waste lies with the business who generated the waste, sump pump service companies also carry the responsibility of disposing the waste at a proper site. To document that the wastes are properly disposed, the Department suggests sump pump service companies maintain the following records for each sump or pit that is serviced:

1. The source of the sump or pit waste, the generator/company name and address;
2. A copy of the test results showing the waste is not a regulated hazardous waste, if applicable; and
3. The location of disposal, including the legal description or name of the permitted facility.

Note: This industrial sump or pit waste management outline does not apply to domestic waste (septic tanks and/or food-related grease traps).

North Dakota Department of Health - Division of Waste Management
Guidelines for Handling Sump and Pit Wastes

Sump Type	Testing	Disposal Options
Vehicle Wash (and similar inert sump wastes)	None	<ol style="list-style-type: none"> 1. Land application on agricultural, crop or pasture land (no permit required). 2. Disposal in a permitted wastewater treatment facility after receiving approval from the operator. 3. Disposal at a permitted solid waste facility, with approval from the facility operator. Note: Permitted landfills are not allowed to accept liquids for disposal.
Vehicle Service and Maintenance Sumps and Pits	<p>None*</p> <p>*Because it has been the NDDH's experience that a majority of sump wastes from vehicle maintenance operations are not hazardous wastes, it is not necessary for these businesses to conduct hazardous waste testing of this waste stream. However, should the business have knowledge that a potential hazardous waste has been placed in a sump or pit, an analysis may be required. Please contact personnel in the Hazardous Waste Program for guidance regarding testing needs.</p> <p>Division of Waste Management Hazardous Waste Program (701) 328-5166</p>	<p>As a nonhazardous solid waste, the sludge may be disposed using one of the following options:</p> <ol style="list-style-type: none"> 1. Disposal of sludge and wastewater in a permitted wastewater treatment facility after receiving approval from the operator. 2. Disposal at a permitted solid waste facility, after receiving approval from the facility operator. Note: Permitted landfills are not allowed to accept liquids for disposal.
Industrial Sumps and Pits	Appropriate methods must be used to document whether the waste would be regulated as a hazardous waste. Please contact the Hazardous Waste Program for assistance at (701) 328-5166.	Disposal options are determined based upon whether the waste is regulated as a hazardous or nonhazardous waste.