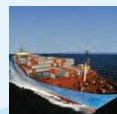




Technical Bulletin

Diesel Particulate Filter Ash Disposal



National Clean Diesel Campaign

www.epa.gov/cleandiesel

What is Hazardous Waste?

Hazardous waste includes toxic wastes. Toxic waste is harmful or fatal when ingested or absorbed, or leaches toxic chemicals into soil or groundwater when disposed of on land. Examples include waste with high concentrations of heavy metals, such as cadmium, lead, zinc, or mercury.

It is illegal to dispose of hazardous waste in ordinary trash, or by burying, burning, blowing it into the air, or placing it into water or down the sewer.

Hazardous Waste Determination

While DPF ash is not specifically listed as a hazardous waste in the Federal Code of Regulations, there may be metallic oxides in the ash which are hazardous to the environment or to public health. As a waste generator, you can assume the ash is hazardous waste or you can have your waste tested using the Toxicity Characteristic Leaching Procedure (TCLP). The TCLP replicates the leaching process that occurs when wastes are buried in a typical municipal landfill. If the leachate from the waste contains any of the regulated contaminants at concentrations equal to or greater than the regulatory levels, then the waste is considered hazardous waste.

Generator Status and Disposal Requirements

Disposal of hazardous waste depends on the generator status.

A Conditionally-Exempt Small Quantity Generator (CESQG) generates less than 220 total pounds of hazardous waste in a calendar month and stores less than 2,200 pounds. A CESQG can send its hazardous waste to an EPA permitted disposal facility for hazardous waste or a State permitted municipal or industrial disposal facility.

If a 220 pound per month threshold is exceeded, the generator will be required to have more stringent storage, disposal, labeling and tracking than a CESQG. In general, the amount of ash collected from a single DPF ranges from a couple of teaspoons to one cup.

More information and hazardous waste compliance assistance is available at: www.ccar-greenlink.org/vshops/vshop1/hazardous.html



**Brand New Disassembled Diesel
Particulate Filter (DPF)**



**Disassembled Diesel Particulate
Filter (DPF) After Several
Thousand Hours of Use**