



Drain Cleaning
and
Waste Management

SCOPE OF WORK

The concept of waste management basically centers on the optimum handling and processing of waste material which will further enable the maximum utilization of the resources involved. Waste Management is the ability to identify, categorize, remove, package and recycle, treat or dispose of hazardous, non-hazardous, and regulated waste that are generated.

The various key aspects of the concept of waste management include disposal, reprocessing, recycling and reuse of waste products, done with the primary objective of maximum utilization of resources, minimization of wastage and enhancing the scope of reuse and recycling of materials of productive value.

The first and one of the most important roles played by the waste management companies is the identification and analysis of a particular organization's requirement.

For instance, the waste management service provider in question is first required to analyze and identify the kind of waste being dealt with, along with the kind of treatment processes that might be required.

In addition, the choice of the typical disposal method to be chosen also depends on the type of waste material being dealt with.

The next most important role being played by the waste management companies is to work in line with the goals of the organization and in specific relevance to its objectives regarding waste management.

Waste management is essentially defined as the collection, transport, processing, recycling and disposal of waste materials or products. Such waste materials can be broadly defined into various categories such as household waste, hazardous waste, toxic waste, hospital waste many more. There are a number of waste management methods that are generally followed in accordance with the nature and quantity of waste materials and the processing required in relevance of the same.

When performing preventative drain cleaning to reduce the future occurrence of clogs, high pressure jet machines are normally used.

A **drain/sewer jetter** is composed of a controlled high-pressure water source such as a pressure washer or reciprocating displacement pump, a flexible high pressure line (called a jetter hose) of up to hundreds of metres (several hundred feet) in length, and a nozzle that uses hydraulic force to pull the line into sewer drains, clean the sides of pipes, and flush out residue.

- It does not damage the pipes.
- It applies force to the blockage rather than the sewerage pipes.
- It goes around bends easily.
- It's quick and pretty clean to use
- There is feedback to the operator allowing him to "feel" the breaks or problems in the pipes.

High pressure cleaning is a technique for cleaning surfaces, which relies entirely on the energy of water striking a surface to achieve its cleaning effect. Generating super pressures, this technology removes all dirt and surface coatings in a clean and safe manner.

Advantages of high pressure jet machines include the relative ease of penetrating long sewer lines and the ability to remove residue that accumulates along the sides of sewer pipes, thereby reducing the need for subsequent drain cleaning.

Safety considerations for high pressure jet machines include a requirement to wear protective gloves and eye protection, to avoid contact with sewer drain fluids, and to ensure that the jetter nozzle operates only inside the sewer pipe.