

HSE Toolbox Talk

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BP Land Treatment Facility Operations

Land treatment (or landfarming) is an efficient way to clean up petroleum contaminated soils. The BP Landfarm is specially designed and permitted to treat petroleum contaminated waste. Waste is spread out thinly in an earthen "cell" that is underlain with clay. Topsoil is turned over to increase air exposure. Soil nutrients and water are added as needed to stimulate native bacteria in the soil. These bacteria use the hydrocarbons as an energy source and convert them to water and carbon dioxide.

Examples of waste that is permitted for receipt at the landfarm are oily dirt and tank bottoms.

None of the following materials are permitted to be disposed in the landfarm treatment cells.

- **Debris** such as wood, paper, plastic, rubber, fiberglass, rope, box liners, etc.
- **Inorganic materials** such as resins or catalyst support media.

Anyone who places an unauthorized material in a container for the landfarm is required to send a crew to remove the debris from the treatment cell. 40-hour hazwoper training is required for personnel entering the cells.

If you have any questions concerning this document, call HSSE at x21152.