



Soil removal is a multi-step process that is carefully controlled and monitored by environmental professionals from start to finish. Properties that require cleanup are identified by the Tennessee Department of Environment and Conservation (TDEC) based on the results of soil sampling conducted by Velsicol. TDEC also reviews and approves all cleanup plans.

For more comprehensive information about the Cypress Creek Environmental Program, please visit our Web site at www.cypresscreekmemphis.com.

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Cypress Creek Cleanup



SITE PREPARATION

Before clean-up begins, fences, trees, shrubs and any other landscaping elements are removed that would block trucks used to take away contaminated soil. A worker prepares the pictured yard for clean-up by mowing the lawn.



SOIL REMOVAL

The top 15 inches of soil are dug up and placed on waiting covered and leak proof trucks which haul the soil to a secure containment area on the site of Velsicol's manufacturing plant on Warford Avenue in North Memphis.



SOIL REPLACEMENT

Orange plastic construction fencing is laid down to mark the depth at which soil was removed from an affected location. Then, clean soil, imported from some other location is brought in and used as topical soil.



NEW LANDSCAPING

After new soil is placed into the site, sod and landscaping; including shrubs, trees and fences selected by the homeowner, are replaced to ensure that the property is restored to the same or better condition.

CONSOLIDATION AREA

Contaminated soils removed from the affected properties are secured in a Consolidation Area located on the Velsicol Memphis manufacturing site. The Consolidation Area is specially designed and engineered to protect human health and the environment.



The engineering design for the Consolidation Area was developed by Velsicol and all modifications approved by TDEC.

In order to ready the Consolidation Area to accept new soil, the ditch and berm system that contains storm water during receipt of contaminated soil must be expanded. This process takes two to three months.

A High-Density Polyethylene (HDPE) liner is used to cover the soil to prevent:

- Rainwater from washing contaminated soil away from the containment area;
- Wind blown dust;
- Exposure to plant workers and the public.

The liner is then welded shut after the "construction" season has ended.

