



SOLID WASTE

MISSION-READY SOLUTIONS. BUILT FOR COMPLEX ENVIRONMENTS.



Baltimore City Department of Public Works, MD: Quarantine Road Sanitary Landfill, Cell 6, Phase 2.

Designing, permitting, and providing owner's representative services for the final cell at the Baltimore City landfill. Landfill was designed in accordance with RCRA Sub-Title D requirements. Support facilities designed include administration building, scale house, citizens convenience center, leachate pond and storm water management facilities.

City of Salem, New Jersey. Landfill Closure Design.

Designed a cap and amended the closure plan for a 33-acre landfill in southern New Jersey. Used innovative technologies such as a mixture of contaminated soil with cement additives to design the cap system from recycled soils. Cap was designed to allow the surface of the landfill to be used as an intermodal container handling facility.

Industrial Processing Facility, Soil Safe, Inc., Baltimore, MD: Environmental/Solid Waste Management Program.

Developed and implemented the environmental management program that ensures full compliance with all Federal and state environmental regulations. The program objectives are accomplished through a multi-tiered sampling and analysis strategy that includes characterization of contaminated soils prior to acceptance and environmental analysis of product soils. Other support included sampling of groundwater monitoring wells, storm water runoff for NPDES permit requirements, ambient air quality monitoring and worker exposure monitoring.

68th Street Landfill Cap Design, Baltimore County, MD.

PRD designed a cap and closure plan for portions of a privately owned landfill that was suspected of leaching contaminants into Herring Run. PRD developed a low cost innovative design to use soil-cement to form the impervious liner in the cap. A double liner design was developed with cushioning beneath and between the liners to ensure that differential settlement would not affect the integrity of the impervious layer. Assisted the client in meetings with MDE in order to obtain approval of the closure plan.

Hawkins Point Hazardous Waste Landfill, Baltimore, MD.

Conducted subsurface investigations including installing and abandoning monitoring wells. Test borings were drilled around the perimeter of the landfill to identify subsurface condition and define the groundwater level.

SERVICES

- SOLID AND HAZARDOUS WASTE DISPOSAL FACILITY DESIGN
- LANDFILLS
- MIXED WASTE
- SAMPLING AND MONITORING
- RISK ASSESSMENTS

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