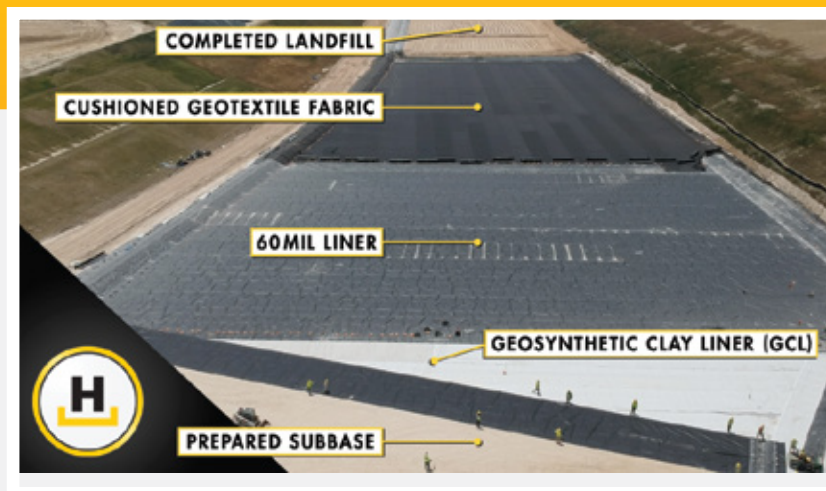




PROJECT PROFILE

MARYLAND LANDFILL

OWNER	Maryland Government
SIZE	Phase 11 is 15 acres of the landfill's 195 acres
LOCATION	Maryland
DESIGN	16 oz Geotextile 60 Mil HDPE Liner GCL



CONSTRAINTS

Condensed Construction
Schedule

Local and National
Regulations

Stringent Safety Concerns

Extreme Weather Conditions

BACKGROUND

This publicly-owned municipal solid waste landfill, which accepts residential and commercial curbside trash, is the lone landfill in the area. The landfill is situated on 375 acres, of which 195 acres are utilized for solid waste placement. Subcells and phases are constructed over the course of time while the landfill is operational.

SOLUTION

Hallaton Environmental Linings was contracted to provide and install a multi-layer liner system within Phase 11, after successful completion of Phase 9 in prior years. The liner system consisted of GCL and 60 mil HDPE liner. A geotextile cushion fabric was installed on top of the 60 Mil HDPE geomembrane to protect it from punctures, followed by the installation of a 12" thick leachate collection aggregate. This allows the leachate to be collected and treated at a nearby waste water treatment facility, thus protecting the nearby Chesapeake Bay.

For more information visit the Hallaton Environmental Linings website at www.hallaton.com.



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