

Protecting Franklin's Groundwater!

It's an already proven fact that Franklin's groundwater will be as safe as it is now if the Connecticut Resources Recovery Authority's proposal for an ash landfill behind the former Franklin Farms on Route 32 is ultimately approved by the state Department of Environmental Protection (DEP).

Even though modern ash landfills like the one CRRA is proposing have multiple layers of protection for the groundwater, the DEP requires that all ash landfills be constructed above groundwater and that the site be adjacent to a Class B river or stream. The reason is that in the highly unlikely event there is a leak in the ash landfill, the leaked material would flow into the river or stream and harmlessly dissipate.

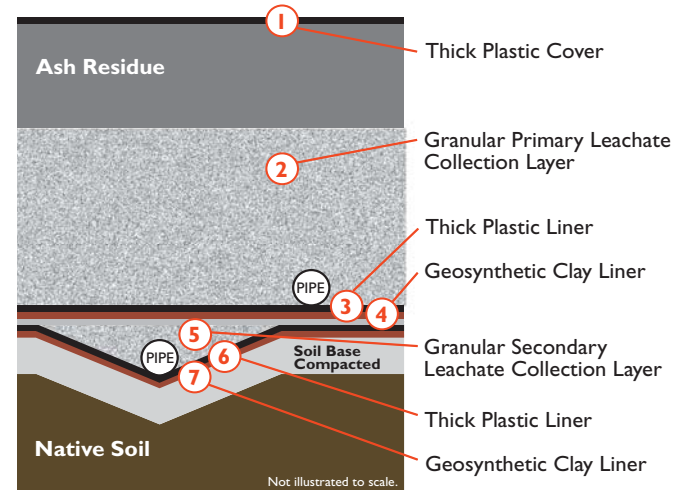
A Proven System

There is no record of any contamination of the groundwater beneath two other ash landfills, one in Montville and one upstream from the Franklin site in Windham. The key is that neither existing ash landfill, both of which are closed, has anywhere near the type of protection that would be built into the Franklin ash landfill. The Montville ash landfill only has a double synthetic liner system, while the Windham ash landfill has no liner whatsoever.

Seven Layers of Protection

If approved, the proposed Franklin ash landfill will have seven layers of protection, including multiple thick plastic liners, specially engineered woven clay liners that would expand for enhanced sealing, and thick layers of crushed stone and compacted earth. The layers of protection will exceed the requirements of both the state DEP and the U.S. Environmental

Cross Section of Proposed Franklin Ash Landfill



Protection Agency. There will also be a special system to collect and pump out any rainwater that falls on the ash, further protecting the groundwater. The rainwater would be collected and delivered to a water treatment facility for disposal in an environmentally safe manner.

The protections built into the Franklin ash landfill will be the most stringent in Connecticut and probably all of New England and beyond. There's no question that Franklin's groundwater will be protected.

For additional information on CRRA's proposed Franklin ash landfill please visit www.ctsafeashlandfill.com



This is one in a series of informational pieces about CRRA's proposed ash landfill.

- This piece:** ■ **Protecting Franklin's Groundwater**
- Next piece: ■ Financial Security for Franklin
■ Preserving Open Space
■ Protecting the Shetucket River
■ Controlling the Traffic Flow

As pieces are published, they will be available for viewing on our website at: www.ctsafeashlandfill.com