

Project Name

Galloway Township Landfill

Client

Galloway Township Committee

Services Provided

- Alternatives Analysis
- Feasibility Study
- Design of Landfill Cap

Project Description

SAI was retained in early 2005 to evaluate alternative approaches for capping and end use of the Galloway Township Landfill in Atlantic County. SAI prepared a feasibility study on alternatives, including use of revenue generating recyclable material and reuse of existing onsite cover soil.

Approach

Because SAI was able to demonstrate that the landfill was not significantly affecting the aquifer, the New Jersey Department of Environmental Protection (NJDEP) agreed that the landfill would not require an impermeable cover.

After presentation of the study to the Township Infrastructure Committee, a recommendation to reuse onsite cover soils and to convert the site to passive recreation was made. The Township Committee was supportive of the passive recreation concept.

The selected alternative involves reusing two feet of onsite soils and treating topsoil by using Township's compost to mix with sandy soil also available from the site. The selected alternative brings the cost of closing the landfill down from \$4.2 million for an impermeable cap to \$0.8 million.

SAI is currently coordinating with the Township Engineer to develop a landscape program to reintroduce native Pinelands vegetation to allow the site to be restored to Pinelands habitat.



Updated 6/08.

