
Environmental construction: installation of system for landfill gas collection (Los Angeles, California)

As part of a \$350,000 contract, Lindmark Engineering installed 8,600 linear feet of trenches to be used for the collection of landfill gas at Puente Hills Landfill. The trenches consisted of alternating 8- and 10-inch-diameter polymer-coated corrugated pipe sections, lined with geotextile material and installed in crushed rock to allow vapors to penetrate the trenches efficiently.

Distributed throughout the landfill in advance of future landfilling operations, the trenches and associated piping network were connected and tied in to the existing 27-inch-diameter PVC gas collection header pipes. Extracted vapors are collected for reuse in Puente Hills Landfill's system that recovers energy from the landfill gas. *Client: Los Angeles County Sanitation District*

For more information on this project, please contact Lindmark Engineering at (818) 707-6100 or ulf.lindmark@efiglobal.com.