

<b>Client</b> Nordic Contracting Co.	<b>Waste Stream(s)</b> Historic Fill / PAHs
<b>Generator</b> Princeton University	<b>Total Tons</b> 17,000
<b>Estimated Project Value</b> \$ 309,000	<b>Facility(s)</b> CESP

## PROJECT SCOPE

Clean Earth, Inc. contracted with Nordic Contracting Co. to provide soil transportation, treatment, and recycling services for 17,000 tons of historic fill/PAH impacted soil in order to clean the way to construct a new chemistry building and pedestrian bridge at Princeton University.

Clean Earth removed contaminated soils at the project site where old facility buildings once stood. The historic fill/PAH impacted soil was transported to Clean Earth of Southeast Pennsylvania (CESP) in Morrisville, PA where the material was treated and recycled. In addition to providing these turnkey services, Clean Earth was able to provide tracking and lab support services which greatly supported the overall timeliness and efficiency of the soil removal.

## PROJECT CHALLENGES

The project site at Princeton University was a high traffic, high visibility area. It was important to the owner and our customer to have minimum impact on the community's daily activities during the soil removal process. Due to the location and nature of the site, there were several challenges including an absent on-site staging area for trucks, the need for a non-impacted temporary pedestrian walkway, and keeping efficient time while routing trucks to avoid heavy traffic backups. By working closely with Nordic Contracting and creating a detailed soil management plan, Clean Earth was able to meet these challenges head on. Project meetings with the client, superintendent, loader operator, CESP facility manager and account manager were held to review transportation plans, project timelines, and budgets to assure a smooth timely soil removal. Clean Earth prepared a traffic flow plan and created a staging area one-half mile from the project site to circumvent traffic jams and delays. At the truck staging area, trucks were called in one-by-one via radio to minimize traffic and visibility of work. Clean Earth made it a priority to provide Nordic Contracting reliable and efficient soil removal services with no delays.

## VALUE ADDED

- Effective soil management and transportation plan customized to reduce all impact on the current environment.
- Minimum trucks used for maximum hauling – saving time and money. Provided real time tonnage reports.
- Daily communication and project management.
- Prompt, reliable service in a fast paced high visibility environment.
- Provided the additional services of tracking and lab support, which ultimately eliminated project delays, and provided accurate 'live' tracking information to assist in scheduling and time management.



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