



What is an Environmental Investigation?

The purpose of an **environmental investigation** is to assess the environmental conditions at a Site including identifying the presence and concentrations of chemicals in the environment. NPS completed numerous environmental investigations at the Kenilworth Park Landfill Site. NPS reviewed the results of each investigation to determine the necessity and objective of each subsequent investigation.

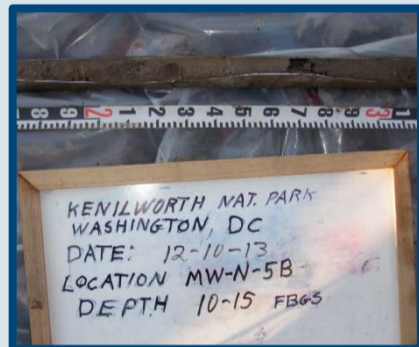
Investigation objectives are to:

- Determine the nature and extent of contamination;
- Determine the risk posed to human health and the environment;
- Provide data to support evaluation of cleanup alternatives.

To obtain the necessary data, environmental samples (soil, surface water, sediment, groundwater, or air) are collected from the site and analyzed at a laboratory.



Drilling at Kenilworth Park



Soil samples are taken at various depths using a variety of equipment – ranging from simple hand tools to rig mounted drilling systems.



Groundwater Monitoring Wells at the Site



Sampling Equipment

In addition to sampling of soils, the investigation may include the sampling of water and gases.



Sediment Sampling

Surface Water Sampling

Sediment, groundwater, porewater, and surface water samples have also been collected at the Site.



Samples collected from the Site are then submitted to an independent laboratory for chemical analysis.