

CASE STUDY - LANDFILL CONSULTING AND MONITORING

Client: Landfill Site, Maryland

Workscope: Project consultation and oversight of former landfill clean-up.

Project Team:

Paul Miller, P.E., Bob Kondelin, P.G., Matt Hershberger, P.E.,
Dave Morgan, E.I.T., Kevin Reisler.

Goal: To provide our client with sound consultation and contribute technical and regulatory evaluations to EPA documents / correspondence as PRPs work to negotiate the final remedy for the site.

Regulation: EPA Region III

Project Value:
\$200,000



Site Concerns:

The Sauer Dump property was formerly a salvage yard and an unpermitted dump. Investigations by the Maryland Department of the Environment (MDE) and the Environmental Protection Agency (EPA) Region III have identified hazardous substances are present in soil and groundwater with PCBs and lead being the chemicals of concern (COCs). Chemicals of concern have been identified in upland soil and sediments in adjacent wetlands. EPA Region III has had concerns with respect to the potential COC impact to adjacent surface waters (Back River) via overland flow (across impacted soils) and through groundwater migration.

Alliance's client (a former property owner) and one of several potentially responsible parties (PRPs) received an Order from EPA Region III to complete site stabilization work (fencing and covering of impacted surface soils). The site is included on the National Priorities List (NPL). The remedial investigation / feasibility study process is underway. This involves the collection of soil samples from both on-site and off-site areas, groundwater, sediment and surface water sampling.

Solution:

Alliance's role has been as a project manager/consulting advisor for one of the PRPs. In this role, Alliance has reviewed the historic data, evaluated the data with respect to applicable regulatory requirements (Federal and State), obtained and evaluated historic aerial photographs, supervised and provided input to the contractor selected by the PRPs to complete the field work, contributed technical and regulatory evaluations to the various reports / EPA correspondence, and participated in numerous meetings with EPA to negotiate the final remedy.

Alliance has participated in select detailed field activities and has also conducted investigative research into identifying additional PRPs. Currently, the PRPs are negotiating with EPA Region III on the appropriate final remedy.