

Hampton Roads Batteries-Automotive Electrical Specialists, Hampton, VA

Client: Hampton Redevelopment and Housing Authority

Completion Dates: 4/2012 – 7/2013

Utilizing funds from the City of Hampton and the DEQ Virginia petroleum grant fund, REMSA conducted numerous assessments of the structure and grounds of a commercial structure within the City limits known as Hampton Roads Batteries-Automotive Electrical Specialists. This site is located at 4301 Kecoughtan Road in Hampton, Virginia. The property is comprised of approximately 0.34 acres of land and maintains one commercial one-story brick and cinderblock building that was constructed in the early 1950's. The structure has had several additions since that time. Prior to proposed demolition and acknowledgment of suspect REC's the physical structure was characterized for hazardous materials such as lead based paints, PCB's, asbestos containing building materials (ACBMs), and petroleum impacted soils. The approximate 4,590 square foot, one-story, cinder block and steel-framed structure was characterized during the limited phase II investigations including the surrounding property and soils. These investigations were required prior to remediation and demolition activities.



REMSA has performed the following services at Hampton Roads Batteries-Automotive Electrical Specialists:

- **Phase I Environmental Site Assessment (ESA):** An inventory of all recognized environmental conditions (RECs) was completed in 2012 in which no fewer than seven (7) RECs were identified across the site and a Limited Phase II ESA was recommended.
- **Sampling and Analysis Plan (SAP):** Prior to starting the Limited Phase II ESA, REMSA was required to complete a SAP for approval by EPA in which we outline every sample to be collected and the methodology that is intended to be used.
- **Limited Phase II Environmental Site Assessment:** Based on the recommendations of the Phase I ESA, REMSA conducted a Limited Phase II ESA investigating the presence of petroleum impacts to groundwater and soils, PCB impacts to groundwater, soils, and buildings, and investigating the presence of suspect asbestos containing materials (ACBMs), and Lead Based Paint (LBPs). Following completion of the Limited Phase II, REMSA staff presented their findings to the City and the EPA.
- **Sampling and Analysis Plan:** Additional soil sampling was recommended in the Limited Phase II ESA which required the development of an additional SAP which was drafted and submitted to EPA for approval.
- **UST/LUST Characterization and Removal:** As a Class A Contractor in the State of Virginia, REMSA, Inc. characterized and disposed of potentially hazardous materials from the site location. This includes the removal and closure of three (3) underground storage tanks (USTs). Two (2) USTs were classified as Leaking Underground Storage Tanks (LUSTs). One of which, was not previously identified and required emergency management of a petroleum product release. VDEQ was notified and proper course of action was taken to provide petroleum grant subsidy to the client.
- **Site Characterization Reporting (SCR):** Further characterization of petroleum impacted soil was requested by the City. Full hydraulic gradient mapping and remediation along with monitoring well activity took place in coordination with the Virginia Department of Environmental Quality (DEQ).