



## **CONTAMINANT STUDIES**

### **Phase I and Phase II Environmental Site Assessments, Bonney Road and Kentucky Avenue, City of Virginia Beach, Virginia Beach, Virginia**

As part of the due diligence process for proposed road improvements by the City of Virginia Beach, Kerr Environmental Services (KES) performed a Phase I ESA for several properties located within the proposed turn lanes and tapers. The site assessment and review of previous contamination studies revealed historical UST petroleum releases and existing USTs/ASTs for three commercial properties. KES then performed a soil and



groundwater evaluation. Field screening of soils for volatile organic compounds by a photo-ionization detector (PID) and a geo-probe drilling investigation allowed for the collection of several soil and groundwater samples that were analyzed for total petroleum hydrocarbons (TPH) and the gasoline constituents of benzene, toluene, ethyl benzene and total xylenes (BTEX). Results confirmed the presence of soil contamination. KES coordinated results with the DEQ and prepared construction specifications detailing how contaminated soils and any contaminated stormwater runoff was to be lawfully stored, transported, and remediated.

Kerr Environmental Services Corporation is a Certified Small Business, GSA Contract Holder # GS-10F-0291V and SWaM VA Certified # 653032 that provides services related to National Environmental Policy Act (NEPA) document preparation; watershed inventories; sustainable habitat assessments and design; Low Impact Development design; wetland and stream permitting and mitigation design; remediation investigations; protected species studies; Stormwater Pollution Prevention Plans (SWPPPs) and inspections, and all necessary coordination with regulatory agency personnel.