



Kerr Environmental Services Corp.

sustainable ecological restoration and environmental consulting

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.

