



Kerr Environmental Services Corp.

sustainable ecological restoration and environmental consulting

CONTAMINANT STUDIES

Phase II Environmental Site Assessment, and Combustible Gas Sampling, Confidential Client, Suffolk, Virginia

At the request of the seller of the property, KES reviewed the Phase I and II ESAs of the purchaser's consultant and their geotechnical study to evaluate the source and composition of pressurized gasses found 20 feet below grade. KES provided recommendations to the client, retained an expert team, and managed the study involving 20 temporary wells fitted to extract soil vapors. Vapors were ultimately sampled with specialized containers from control sites and locations with the highest percentage of the Lower Explosive Limit (LEL) of gasses. Results were compared to the NIOSH Permissible Exposure Limits (PEL) for human exposure and LEL. All constituents were below their respective PEL and LEL, allowing the land sale to proceed.

