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LIMITED ENVIRONMENTAL SITE ASSESSMENT AND SUBSURFACE INVESTIGATION

PROJECT OVERVIEW

ESE conducted a limited environmental site assessment and subsurface investigation for a former disposal site in North Texas to evaluate potential environmental concerns and support future site planning. The work included soil borings, monitoring well installation, and laboratory analysis to characterize subsurface conditions and determine whether historical site activities had resulted in potential environmental impacts.

CHALLENGES

Historical information indicated that portions of the site had been used for disposal activities in the past, creating uncertainty about potential subsurface contamination. The project required targeted field investigation and analytical testing to understand existing conditions and provide defensible environmental data to support planning decisions and potential next steps.

ESE'S APPROACH

- Advanced soil borings and installed monitoring wells to evaluate subsurface conditions and groundwater presence
- Collected soil and groundwater samples for laboratory analysis including petroleum hydrocarbons, metals, and volatile and semivolatile organic compounds
- Documented soil stratigraphy and fill materials encountered during drilling activities
- Evaluated laboratory results to assess potential environmental impacts associated with historical site use

RESULTS

The investigation provided a detailed understanding of subsurface conditions at the site, including the presence of fill materials and underlying clay soils. Laboratory analyses and field observations provided the project team with the environmental data needed to evaluate potential concerns and inform future site planning, regulatory considerations, and potential management strategies.