

## SCOPE OF WORK

Burlington Environmental will implement the following Scope of work for Burlington:

- Burlington will prepare a Health and Safety Plan.
- One cubic yard of Bio-sorb, a nitrogen rich biodegradable capillary absorbent, will be used to absorb the surface oil. An appropriate volume of caliche material and mulch materials will be spread in the pit area for solidification/bulking purposes. The existing berm will be used in this solidification process. A trackhoe will mix the amendments with the existing contaminated soil inside of the pit area.
- Once the soil has been solidified to a point where excavation can begin, Burlington will use a trackhoe to excavate the solidified soil and place in a dump truck, which will be used to transport the soil to the on-site landfarm area. The landfarm area will consist of a graded area with a 1-foot to 2-foot berm with dimensions capable of holding the excavated soil 12 inches deep.
- Once visual characteristics of the excavated area indicate contaminated soils have been removed, Burlington will take one composite sample from the surface (1"-6") of the excavation and obtain a soil vapor head space reading to screen the excavated area. Excavations will continue until a headspace reading of 100 milligrams per kilogram (mg/kg) is achieved based on the New Mexico Oil Conservation Division (OCD) guidelines. Once the excavated area passes the field screening test, a five-point composite sample will be submitted for expedited analysis for TPH by the Environmental Protection Agency (EPA) approved method 418.1 and Benzene, Toluene, Ethyl benzene, Xylene (BTEX) by the EPA approved method 8020.
- Clean up goals for this project will be negotiated with the OCD.
- Once clean up goals are achieved inside of the pit, Burlington will backfill the pit and the grade will be restored with caliche material to the surrounding grade.
- The soils inside of the landfarm cell will be adequately tilled and one five-point composite sample will be obtained from approximately 12 inches deep. This sample will be analyzed and used as a baseline for TPH, BTEX, and pH.
- Microbial activating nutrients, along with hydrocarbon degrading bacteria, supplied by Medina Agricultural Products, will be added and tilled into the treatment plot. Water will be applied to achieve adequate moisture content.

- Operations will consist of bi-monthly tillage and watering (if required), monthly sampling/analysis for TPH, BTEX, and pH.