

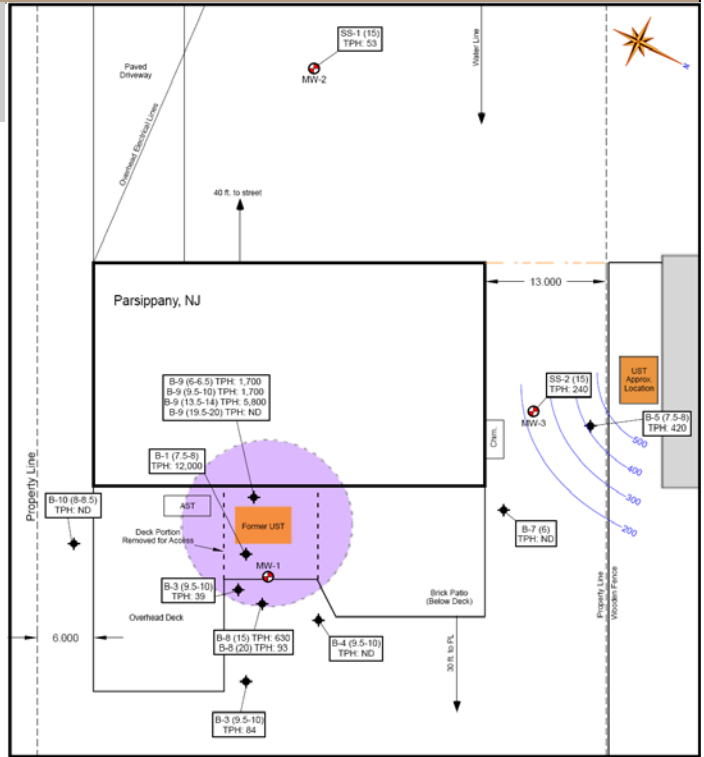
Continental Remediation LLC

Move the Solution, Not the Problem

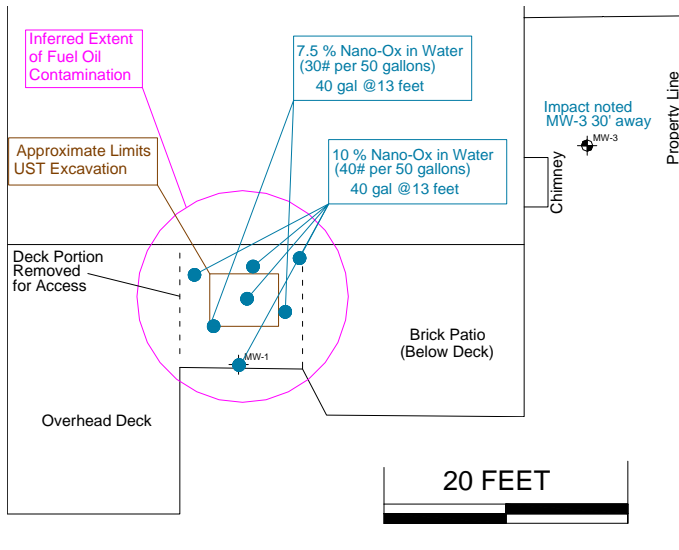
Completed Project-Home Heating Oil Remediation - Parsippany, New Jersey

TPH concentrations in soil exceeded 10,000 mg/kg in the area proximate and down gradient of the former UST location/spill source. Groundwater (MW-1) had actionable TICs concentrations ~6 feet down gradient of the spill area and exhibited a slight sheen and odor. Groundwater fluctuated between 15-18 feet bgs. Local soils are composed of fine silt, sand and gravel with occasional rock fragments with a glacial till layer encountered from 10-12 feet. A Geoprobe was ineffective at penetrating gravely till layer, and succeeded in only one location during assessment.

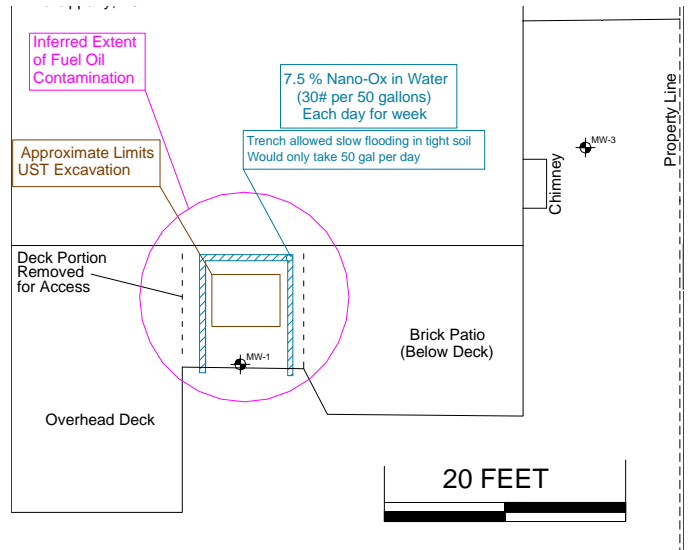
Heating Oil impacted soil and groundwater were observed from 4 -18 feet bgs. The overall results of the soil investigation identified a contaminated soil area measuring approximately 18 feet long, 18 feet wide and up to 14 feet thick, as depicted in the site plan. This area includes soil that is beneath an overhead deck (25%), beneath the house (25%), and in a generally accessible area around the former UST (50%).



The two distinctive intervals of soil required two Nano-Ox[®] treatment methods as illustrated below. The deeper contamination, near the groundwater, was treated by direct drive injection probes, and the shallow was treated with a trench flooded over a 7 day period.



Geoprobe Injection 11 to 18 feet below Ground Surface.



Trench flooding from 3 to 11 feet below Ground Surface.

The site was submitted for closure 3 months following the trench treatment.

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