

Soil Report 306 Center Street - Summary

306 Center Street has been the site of soil analysis in 2003, 2005, 2022 and 2023. The report by Dixon Environmental Services outlines the previous soil analysis in detail before reporting the recent results.

By 2003, at last 6 underground storage tanks previously associated with fuel stations had been removed from the property or from the south adjacent parcel. These fuel stations were also reportedly equipped with above ground bulk fuel tanks.

In 2003, after removal of the tanks, roughly 127 tons of contaminated soil was removed from the former tank area. The specific contaminants were: gasoline-range petroleum hydrocarbons (GRPH) toluene, ethylbenzene, and xylenes.

In 2022, Dixon Environmental Services analyzed the findings of the past soil analysis and the historical use of the property to determine that a focused investigation of the southern property line would allow evaluation of the known releases, as well as evaluation of the potential impacts of the above ground fuel tanks previously on the property. Borings B1 – B6 were taken at this time, and tested for contaminants. Only boring B3 revealed contaminants, with unacceptable levels of both GRPH and benzene being present. These results indicated that the soil had mostly likely been impacted by the above ground fuel tanks, but not significantly impacted by the underground storage tanks. The presence of a manufactured home prevented further exploration north. *See Figure 1 for boring locations.*



October 2022, the manufactured home was removed from the property. On March 7th, 2023, Dixon completed 6 additional borings (B7 – B12) designed to test for soil contaminants spread westerly, northerly, and easterly. Only B8 revealed contaminants above acceptable levels, containing both GRPH and oil-range petroleum hydrocarbons (ORPH). B8 also had detectable levels of DRPH, ethylbenzene, and xylenes, but the levels were below the threshold for clean-up as specified in the Model Toxics Control Act. No other boring revealed detectable contaminants. *See Figure 1 for boring locations.*

The soil affected by the contaminants will be removed and properly disposed of in a suitable Subtitle D landfill as required by the Hearing Examiner.

Figure 1: This photo shows the 12 boring sites where soil samples were taken in 2022 and 2023. The borings marked in red (B3 and B8) indicate contaminants detected in the soil.