

# On-Site Soil Remediation Project

Ruth Co SWD  
1RP-4572-0  
32°41'49.94"N 103° 5'33.15"W



## Closure Report – Amendment for:

Olivia Yu  
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Per an email from Ms. Olivia Yu, it has been requested to provide the following for the Ruth Co SWD site in Hobbs, NM:

1. One Google Earth image with these annotations:
  - a. Scale and compass
  - b. Area 1, 2, & 3 outlined and labelled.
  - c. Depths of excavation noted in one measurement unit, either inches or feet.
  - d. Locations of the confirmation soil samples with the corresponding Sample ID demarcated.
  - e. Outlines, dimensions, and depths at which liners were placed.



*2. A short synopsis elaborating which confirmation samples were not taken and why (e.g., Area 2 and 3).*

In **Area 2**, two sidewalls and one bottom laboratory samples were requested. Excavation began on the north and east sides of the drain. Bottom samples were field tested as a guideline. Once depth reached four feet, field samples still tested high, so that sample was sent to the lab. It was determined here that a polyliner would be required. A large concrete slab on the east side of this excavated area prevented sampling from that wall.

The previously delineated area was then excavated beyond the initial perimeter. I, Zach Robbins, was on site and responsible for collecting samples. When the remainder of the material was removed, this drain appeared to shift from when it was supported by adjacent soil. Being a large concrete block, I did not feel comfortable safely getting back in the excavated area and failed to get the remainder of the samples. In the future, this should be communicated at the time it happens to find a solution.

In **Area 3**, two sidewalls and two bottom laboratory samples were requested. The plan was to sample from west to east along the center of the area. A sidewall was taken on the east side. Two bottom samples were taken equidistant from the east and west walls. As stated above, the large tank in the middle of the pad was supported by a concrete slab. This prevented the final sample on the west wall from being taken.