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Subject: Apache EAU Emulsion Line
Date: Monday, March 02, 2015 1:25:09 PM
Attachments: Apache EAU Emulsion Line - Map and Lab.pdf

Path Forward

Apache EAU Emulsion Line (2RP-2828)

Background and Previous Work

The site is located approximately 14.5 miles east of Artesia, New Mexico at UL/J sec. 34 T17S R28E. USGS records indicate that groundwater will likely be encountered at a depth of approximately 86 +/- feet.

On February 7th, 2015, Apache noticed that the 45 on the six inch fiberglass line failed, releasing 10 barrels of produced water and 5 barrels of oil over 11,445 square feet of pasture land and bar ditch. Vacuum trucks were called to the site and recovered 7 barrels of produced water and 3 barrels of oil. The fiberglass line was isolated and repaired. An initial C-141 was sent to NMOCD for approval, and NMOCD approved the initial C-141 on February 20th, 2015.

RECS personnel were on site beginning on February 10th, 2015. Four verticals were installed within the release area. The verticals were sampled every 6 inches as they were advanced, and the soil samples were field tested for chlorides and organic vapors. The bottom samples from Vertical 1, Vertical 3 and Vertical 4 were taken to a commercial laboratory for analyses. Vertical 1 returned a laboratory chloride reading of 160 mg/kg, Vertical 3 returned a laboratory chloride reading of 80 mg/kg and Vertical 4 returned a laboratory chloride reading of 352 mg/kg. GRO and DRO readings for all three bottom samples returned readings of non-detect, except for the DRO reading in Vertical 1, which returned a reading of 91.6 mg/kg.

The site map and the lab for these data are attached.

Path Forward

Due to safety concerns for personnel and equipment, we would like to request permission to remove the higher level contamination along the bar ditch to no deeper than 6 inches. As the scrape is being conducted, the contaminated soil will be removed from the bar ditch and then immediately replaced with clean, imported soil.

If you have any questions, please let Bruce or us know. Otherwise, we await your direction on this matter.

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