From:	Lara Weinheimer
To:	Bratcher, Mike, EMNRD; Patterson, Heather, EMNRD; James Amos
Cc:	"Baker, Larry"; "Hack Conder"; "Jacob Kamplain"; "Laura Flores"; "Catherine Ursanic"
Subject:	Apache AAO SWD #1 (2RP-2678) Request to Backfill Site
Date:	Tuesday, February 03, 2015 2:57:05 PM
Attachments:	Attachments.pdf

Apache AAO SWD #1 (2RP-2678)
UL/G sec. 1 T18S R27E

Request to Backfill Site

Apache Corporation (Apache) has retained Rice Environmental Consulting and Safety (RECS) to address potential environmental concerns at the above-referenced site.

Background and Previous Work

The site is located approximately 9.2 miles east of Atoka, New Mexico at UL/G of sec. 1 T18S R27E. USGS monitor well data suggests that the depth to groundwater is located at approximately +/- 117 ft. However, RECS had previously installed two soil bores near that location. One was located approximately 1.5 miles west of the site, and the other was located 3.5 miles west of the site. Both soil bores were drilled to red bed and left open for over 48 hours. Both soil bores were checked for groundwater and neither returned groundwater in the bores.

RECS personnel were on site beginning on January 12th, 2015, to assess the release. The release covered 13,349 square feet of lease pad. Five points within the release area (Points 1 – 5) were sampled at the surface and three points (Point1, Point 2 and Point 4) were sampled with depth. The samples were field tested for chlorides and organic vapors. Representative samples were then taken to a commercial laboratory for analyses. Based on the laboratory readings, the release area and surrounding pad were scraped down 6 inches. The excavated soil was taken to a NMOCD approved facility for disposal. Once the scrape was completed, samples were taken from the base of the scrape at Point 3, Point 5, Point 6 and Point 7. These samples from 6 inches bgs were field tested for chlorides and organic vapors. The field data returned chloride values and below regulatory standards.

Request to Backfill Site

The release and surrounding pad has been scraped to 6 inches bgs, and the contaminated soil was taken to a NMOCD approved facility for disposal. The field sampling data from the base of the scrape at 6 inches bgs shows that the contaminated soil has been removed from the site. Therefore, Apache respectfully requests permission to backfill the site with clean, imported caliche.

Photo documentation of the initial release and scrape can be found in the attachments.

Lara Weinheimer
Rice Environmental Consulting & Safety
Project Scientist
419 West Cain
Hobbs, NM 88240
(575) 441-0431