



**Subject:** Photograph shows a leak identified on the southeastern side of the eastern produced water tank that resulted in the release of 19 bbls of produced water within lined secondary containment. The 400 bbl aboveground produced water tank was constructed of steel.

**Date:** 07/14/2020

**View:** Northwest



**Subject:** Photograph shows that the eastern produced water tank was removed for offsite disposal. The rock and gravel in the immediate vicinity of the tank was also excavated for offsite disposal using hydrovac equipment. Clean pea gravel was imported as backfill and placed in an approximate 6-inch lift. One test hole was dug to expose the clean liner beneath the imported pea gravel. Based on visual and olfactory observations and field screening with a PID, the area depicted in the photograph had been sufficiently remediated. However, hydrocarbon impacted rock and gravel were still observed in the area where the photographer was standing.

**Date:** 07/18/2020

**View:** Southeast





**Subject:** Photograph shows ACME Oilfield Services utilizing hydrovac equipment to excavate the remaining hydrocarbon impacted rock and gravel. Rock and gravel in the vicinity of the tank was field screened with a PID to determine the area of impact, represented in the photograph by the orange painted outline. The red hose lying on the ground is covering the area that had been sufficiently remediated (see above photo).

**Date:** 08/12/2020

**View:** South



**Subject:** View of the clean liner following excavation of the hydrocarbon impacted rock and gravel. The depth of rock and gravel measured between 4 inches and 6 inches.

**Date:** 08/12/2020

**View:** West

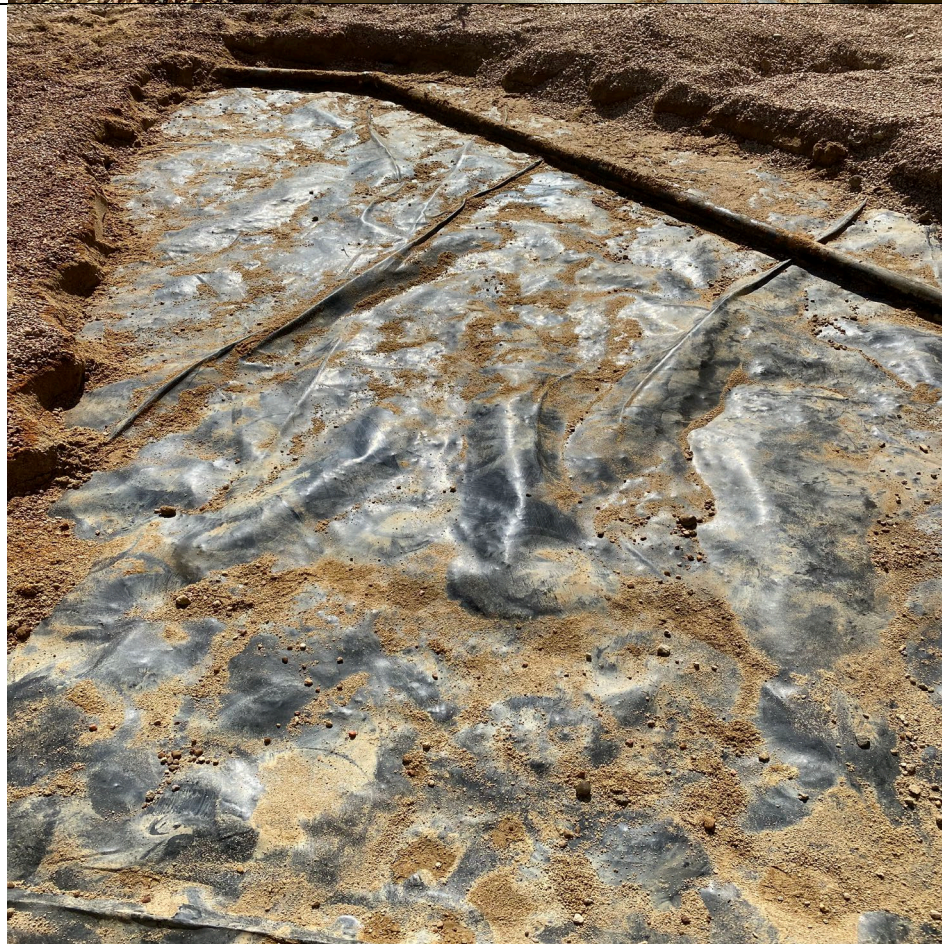




**Subject:** View of the clean liner following excavation. The excavation area was bell shaped and measured 18 feet wide on the west perimeter, averaged 10 feet across, and 5 feet wide on the east perimeter. It measured 18 feet in length. Between 7/14/20 and 8/12/20, approximately 8 cubic yards of hydrocarbon impacted material were excavated from within secondary containment. See Figure 2 for an illustration of the combined excavation area.

**Date:** 08/12/2020

**View:** East



**Subject:** View of the clean liner following excavation.

**Date:** 08/12/2020

**View:** East





**Subject:** Downward view illustrating the liner's integrity. There were no leaks observed.

**Date:** 08/12/2020

**View:** Downward