



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION IX
75 Hawthorne Street
San Francisco, CA 94105

MAR 09 2016

SCANNED

Mr. Marc Oler
Senior Environmental Engineering Program Manager
Shell Oil Products, U.S.
308 Wilcox No. 101
Castle Rock, CO 80104

Subject: No Further Action Determination
Leaking Underground Storage Tank Site
433 West Middle Verde Road
Camp Verde, AZ (EPA ID: CMPV-005)

Dear Mr. Oler:

The U.S. Environmental Protection Agency (EPA) Region 9 Underground Storage Tank Program Office has completed the review of the report, *Final Supplemental Site Investigation Summary, Former Texaco #60-349-0316, 433 West Middle Verde Road, Camp Verde, Arizona* dated January 2016. The sampling was conducted on November 17, 2015 by AECOM of Phoenix, Arizona. The report provided the site history and details on previous and current site assessments and these are summarized in the enclosure.

Based on the findings presented in the report and discussions with the Yavapai Apache Nation, EPA has determined that this site needs no further action (NFA). The current levels of contamination in groundwater directly below the site indicates that it no longer poses a threat to the environment. The Tribe concurred with this determination in a letter signed by Chairman Thomas Beauty dated March 4, 2016 (enclosed). However, if additional information becomes available in the future regarding hydrocarbon contamination in soil and/or groundwater at this site, EPA may reopen this site and require additional site assessment and/or corrective action.

If you have any questions regarding the information contained in this letter, please contact Tess Salire of my staff at (415) 972-3376, or you can contact me directly at (415)-972-3369.

Sincerely,

Steven Linder, P.E., Manager
Underground Storage Tank Program Office

Electronic CC: **Thomas Beauty, Tribal Chairman**
 Anthony Canty, Tribal Attorney General
 David Lewis, Tribal Environmental Program Manager

Enclosures: **Site History and Assessments**
 Letter to US EPA from Chairman Beauty dated March 4, 2016

ENCLOSURE

Site History and Assessments

Site History

Four USTs were installed at this site on December 1998 by Equilon Enterprises. The USTs included one-10,000 gallon diesel tank, two-12,000 gallon and one-20,000 gallon gasoline tanks. Shell took over operation of the four USTs in March 2004. In November 2004, the tanks were put in temporary closure and were permanently closed in place in April 2005. In November 2005, the Bureau of Indian Affairs (BIA) stated in a letter to the Yavapai Apache Nation that the lease held by Shell for this site was cancelled and the property is held in Trust by the United States for the beneficial use of the Yavapai Apache Nation. The Tribe removed the four USTs in August 2006 and confirmed presence of benzene in groundwater above the federal maximum contaminant level (MCL).

Previous Site Assessments

- 6/2004 Shell retained Miller Brooks to conduct Phase I Environmental Site Assessment (ESA) which identified two, 410-foot deep groundwater production wells, 800 feet west of the site. (Note: Groundwater depth at the site was at 12-14 feet below ground surface (bgs) and groundwater flows to the south-southeast.)
- 7/2004 Shell retained Miller Brooks to conduct Phase II ESA which included drilling 15 soil borings to collect soil and grab groundwater samples. Benzene was detected in one groundwater sample at 1.1 parts per billion (ppb) (MCL, 5 ppb) and methyl tert-butyl ether (MTBE) in four groundwater samples ranging from 2.2 – 77 ppb (MCL, 11 ppb). None of the soil samples have detectable petroleum hydrocarbons.
- 8/2005 Shell retained Miller Brooks to conduct a Site Characterization Investigation which included drilling five soil borings to 15-16 feet bgs to collect soil and grab groundwater samples. Groundwater was only encountered in one location. Soil and groundwater samples all were non-detect for petroleum hydrocarbons. Miller Brooks recommended NFA.
- 8/2006 Yavapai contracted Terranext to remove the 4 USTs. All soil samples collected from the UST pit was non-detect for petroleum hydrocarbons. A grab groundwater sample from the excavation detected 20 ppb benzene, which is above the MCL of 5 ppb.

2015 Soil and Groundwater Sampling

Since 2006, EPA issued several letters to the Tribe regarding the contamination at the site. However, in July 2015, EPA initiated correspondence with Shell Oil Products (Shell), who was the owner and operator of the USTs and were therefore responsible to respond to the release until EPA determined that no further action is needed. EPA requested Shell to conduct groundwater sampling at the site. Shell retained AECOM of Phoenix, Arizona to conduct soil and groundwater sampling at the site.

AECOM conducted the environmental sampling in November 2015; the results of the analysis indicated the levels of contaminants of concern in soil and groundwater were either non-detect (ND) or below the MCL. The total petroleum hydrocarbon (TPH) detected were all below 1 part per million (ppm)

indicating that there is negligible residual contamination in the subsurface. The benzene level in groundwater was ND (<0.5 ppb) indicating significant attenuation has occurred. Another contaminant of concern (COC) was MTBE which was detected above MCL in 2004 and was ND (<0.5 ppb) in this sampling event.



YAVAPAI-APACHE NATION

Executive Office

Chairman Thomas Beauty ~ Vice-Chairwoman Darlene Rubio

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March 4, 2016

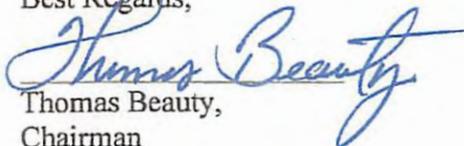
United States EPA, Region IX
Steven Linder, P.E., Manager
Underground Storage Tank Program Office
75 Hawthorne Street
San Francisco, CA 94105

Re: No Further Action Determination, Leaking Underground Storage Tank Site, 433 West Middle Verde Road, Yavapai-Apache Nation Reservation Lands, Camp Verde, AZ (EPA ID: CMPV-005)

Dear Mr. Linder:

On behalf of the Yavapai-Apache Nation, this letter constitutes the Nation's concurrence in the proposed determination by EPA Region IX, Underground Storage Tank Program that the above referenced UST site needs no further action and that the site no longer poses a threat to the environment. The Nation's concurrence is based on our review of the conclusions set out in the report, *Final Supplemental Site Investigation Summary, Former Texaco #60-349-0316, 433 West Middle Verde Road, Camp Verde, Arizona*, dated January 2016. Please proceed to issue an official determination in this matter. I would appreciate receiving a copy of the final determination of No Further Action.

Best Regards,


Thomas Beauty,
Chairman

XC:

David Lewis, Manager, YAN Environmental Protection Department
Scott Cauty, YAN Attorney General