



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 9

75 Hawthorne Street
San Francisco, CA 94105-3901

August 10, 2009

Ms. Diane Malone, Director
Executive Office
Navajo Nation Environmental Protection Agency
P.O. Box 339
Window Rock, AZ 86515

Re: No Further Action (NFA) for the former Old Plateau Oil Service Station (NAV-419)
in Many Farms, AZ

Dear Ms. Malone:

The U.S. Environmental Protection Agency (EPA) Region 9 has completed the review of the report "Underground Storage Tank Removal, Old Plateau", dated October 1, 2007, prepared by Iron Horse Environmental Services, Inc., Window Rock, AZ. The report described the site closure activities conducted at the site and subsequent site assessment of the facility. Funding was provided to the Navajo Nation EPA (NNEPA) UST Program, via the Federal LUST Trust funding that was put into your FY 2007 LUST grant. The work was overseen by your LUST Program.

Site Assessment History

The Plateau facility is located in northeastern Arizona along US Highway 191 in the town of Many Farms, AZ. In August 2007, four underground storage tanks (USTs), and their associated piping, and dispensers were removed from the site. Fourteen soil samples were collected at the bottom of the pits, along the piping runs, and beneath the dispenser island.

Analytical results from the sampling event did not detect any petroleum hydrocarbons or volatile organic compounds above NNEPA or EPA regulatory limits in the UST excavation area. Therefore the excavated soil was placed back into the tank pit. Analytical results of soil samples collected beneath the dispenser island indicated soil contamination of 2,200 mg/kg of total petroleum hydrocarbons (TPH) in one of four samples collected in this area. While the TPH level was above the NNEPA and EPA action level, BTEX and MTBE were not detected.

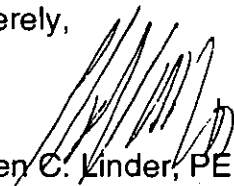
Conclusions

No active remediation was considered necessary because the small amount of contaminated soil was six feet below the ground surface (bgs), which eliminated any direct exposure to humans or animals. Groundwater was not encountered at the site and based on local information groundwater is at least 42 to 44 feet bgs. The limited remaining soil contamination beneath the dispenser island will naturally attenuate over time and no adverse risks are associated with leaving the impacted soil at the site.

EPA 9 has discussed and reviewed the report findings with Mr. Henry Haven of the NNEPA and after several discussions Mr. Haven has recommended that this site be closed without additional action. EPA concurs with the NNEPA recommendation. However, if additional information becomes available in the future regarding hydrocarbon contamination in soil and/or groundwater at this site, EPA or the NNEPA may reopen this site and require additional site assessment and/or corrective action.

If you have questions regarding the information contained in this letter, please contact Mr. Carl Warren of my staff at 415-972-3355 or Mr. Henry Haven of the NNEPA at 928-871-7997.

Sincerely,



Steven C. Kinder, PE
Program Manager

Underground Storage Tanks Program Office

cc: Henry Haven, NNEPA
Warren Roan, NNEPA
Mimi Newton, USEPA
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