



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 9

75 Hawthorne Street
San Francisco, CA 94105-3901

In reply, refer to: WST-8

February 18, 2010

John F. Krause
Regional Environmental Scientist
Bureau of Indian Affairs
Western Regional Office
Phoenix Area Office
P.O. Box 10
Phoenix, AZ 85001

Re: No Further Action Determination for the Former Bureau of Indian Affairs (BIA)
Underground Storage Tank (UST) Site in Vaya Chin, Arizona (TOHO-042)

Dear Mr. Krause:

The United States Environmental Protection Agency (USEPA) Region 9, Underground Storage Tank Program Office (USTPO) has completed our review of the report – *Remedial Closure Report, Bureau of Indian Affairs, Tohono O’odham Nation, Vaya Chin, Arizona* dated September 2009. The report described the activities undertaken to remove the underground storage tank (UST) at the site and the site characterization that followed. The BIA retained Terranext to perform the UST removal; soil sampling and excavation work in July 2008 and July 2009.

Site Assessment

During the 2008 site assessment activity, Terranext removed from the site a previously excavated 2,000-gallon UST and disposed it off site. There was no product piping or fueling island associated with this UST. Petroleum odors were observed from a depth of 3-7 feet within the middle of the excavation, although no soil staining was evident. Over 30 cubic yards of soil were excavated to 9.5 feet below ground surface. The photoionization detector (PID) reading showed high level of total petroleum hydrocarbons on the north side wall. Soil samples were collected and the laboratory analysis confirmed the high level of petroleum hydrocarbons in the north side wall of the excavation.

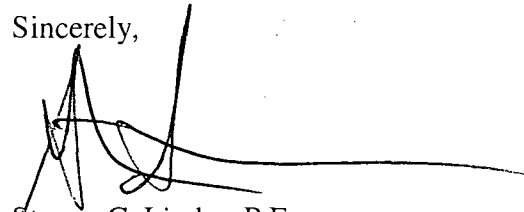
Terranext returned to the site in July 2009 and remove the remaining petroleum-contaminated soil from the site. An additional 12 cubic yards of soil were removed from the site.

Confirmation soil samples were collected from the excavation after the contaminated soil was removed. Analytical results from the sampling event were below the Arizona DEQ regulatory cleanup standards. Groundwater was not encountered during this investigation. Imported fill material was used to completely backfill the excavation site.

Conclusion

Based on the findings presented in the report, the EPA Region 9 USTPO recommends that this site be closed without additional action. The USTPO has also discussed this site with the Tohono O'odham Nation and they concur with this recommendation. If you have any questions regarding the information contained in this letter, please contact Carl Warren of my staff at (415) 972-3355.

Sincerely,

A handwritten signature in black ink, appearing to read 'S. Linder', with a long horizontal line extending to the right.

Steven C. Linder, P.E.
Program Manager
Underground Storage Tanks Program Office

Cc: John Graves, BIA Phoenix Area Office
Fred Orosco, Tohono O'odham Nation Solid Waste Regulatory Office
EPA Site File TOHO-042



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Sincerely,

Steven C. Linder, P.E.
 Program Manager
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Cc: John Graves, BIA Phoenix Area Office
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 EPA Site File TOHO-042

SYMBOL	WST 8	WST-8	WST-8			
SURNAME	Saline	Warren	Linder			
DATE	2/18/10	2/18/10	2/19/10			
U.S. EPA CONCURRENCES				OFFICIAL FILE COPY		