



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 9

**75 Hawthorne Street
San Francisco, CA 94105-3901**

In reply, refer to: WST-8

November 15, 2011

Gayl Honanie, Director
Hopi Environmental Protection Office
P.O. Box 123
Kykotsmovi, AZ 86039

Subject: No further action required for the Underground Storage Tank (UST) site at the Perry Sehongva Site (HOPI-037) in Hotevilla, Arizona

Dear Ms. Honanie:

The United States Environmental Protection Agency (USEPA) Region 9, Underground Storage Tank Program Office (USTPO) has completed our review of the report – Perry Sehongva (Hopi-037), Hopi Nation, Site Assessment Report, dated September 2011. The report described the activities undertaken on June 25, 2010 to conduct a site assessment and characterization activities at this abandoned UST site in Hopi Nation. The work was funded through the America Reinvestment and Recovery Act (ARRA) and overseen by the EPA Region 9 and the Hopi Environmental Protection Office (EPO). EPA retained Bristol Environmental Remediation Services, LLC (Bristol) to perform this work.

Site Background

In 2004, the Hopi EPO visited this site with EPA Circuit Rider, Arthur Boone. The property was abandoned and what remained at the site was a concrete block structure and visible remnants of a fueling operation such as the dispenser island, a suction pipe underneath the dispenser pad, a fill pipe, a vent pipe and a fuel tank fill port. According to the Hopi EPO staff, Kendrick Lomayestewa, this property was owned by Perry Sehongva and may have been closed from at least 1964. Hopi EPO listed this site on their 2004 environmental assessment inventory list as a high priority site. EPA has minimal information in the file regarding the history of the fueling operations at this site.

Site Assessment

Bristol subcontracted Zonge Engineering and Research Organization, Inc. (Zonge) to perform a geophysical survey of the site on March 3, 2010 to identify subsurface features such as USTs and piping. Zonge identified an anomaly indicative of a buried UST system. On June 25, 2010, Bristol subcontracted Hopi Abandoned Mine Land Program (AML) to excavate the

identified anomaly. AML uncovered one, 2,000-gallon UST and associated piping. The dispenser was located directly on top of the former tank. The UST was empty and dry

Petroleum odors and staining were noted in the UST excavation. The soil screening photoionization detector (PID) measured volatile hydrocarbons above 120 parts per million (ppm) underneath the UST. Approximately 18 cubic yards of petroleum-contaminated oil was excavated and disposed off-site. Confirmatory soil samples were taken from underneath the dispenser and from the former location of the UST. The results of the analysis of the soil samples were non-detect for petroleum hydrocarbons and/or volatile organic compounds, except for one soil sample north of the UST. Gas-range organics (GRO) was detected at 57 ppm, which was below the action level of 83 ppm.

Groundwater was not encountered during this investigation. The stockpile soil and clean fill material was used to completely backfill the excavation. The UST and associated materials were removed from the site and disposed at an approved facility.

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 discussed this site and recommendation with Morris Paukgana of your staff. 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)-972-3355.

Sincerely,

Carl Warren, Supervisor
Tribal Leaking Underground Storage Tanks
Program

Cc: EPA Site File HOPI-036
Morris Paukgana, HEPO
Scott Ruth, Bristol

SYMBOL	WST8	WST-8				
SURNAME	Salire	CWarren				
DATE	11/23/11	12/23/11				
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In reply, refer to: WST-8

November 23, 2011

Gayl Honanie, Director
Hopi Environmental Protection Office
P.O. Box 123
Kykotsmovi, AZ 86039

Subject: No further action required for the Underground Storage Tank (UST) site at the Perry Sehongva Site (HOPI-037) in Hotevilla, Arizona

Dear Ms. Honanie:

The United States Environmental Protection Agency (USEPA) Region 9, Underground Storage Tank Program Office (USTPO) has completed our review of the report – *Perry Sehongva (Hopi-037), Hopi Nation, Site Assessment Report*, dated September 2011. The report described the activities undertaken on June 25, 2010 to conduct site assessment and characterization activities at this abandoned UST site in Hopi Nation. The work was funded through the America Reinvestment and Recovery Act (ARRA) and overseen by the EPA Region 9 and the Hopi Environmental Protection Office (EPO). EPA retained Bristol Environmental Remediation Services, LLC (Bristol) to perform this work.

Site Background

In 2004, the Hopi EPO visited this site with EPA Circuit Rider, Arthur Boone, to conduct a survey. The property was abandoned and a concrete block structure remained with visible remnants of a fueling operation; dispenser pad, a suction pipe underneath the dispenser pad, a fill pipe, a vent pipe and a fuel tank fill port. According to the Hopi EPO staff, Kendrick Lomayestewa, this property was owned by Perry Sehongva and was closed in the mid 1960's. Hopi EPO listed this site on their 2004 environmental assessment inventory list, as a high priority site. EPA has minimal information regarding the history of this site.

Site Assessment

Bristol subcontracted Zonge Engineering and Research Organization, Inc. (Zonge) to perform a geophysical survey of the site on March 3, 2010 to identify subsurface features such as USTs and piping. Zonge identified an anomaly indicative of a buried UST system. On June 25, 2010, Bristol subcontracted Hopi Abandoned Mine Land Program (AML) to excavate the

identified anomaly. AML uncovered one, 2,000-gallon UST and associated piping. The dispenser was located directly on top of the former tank.

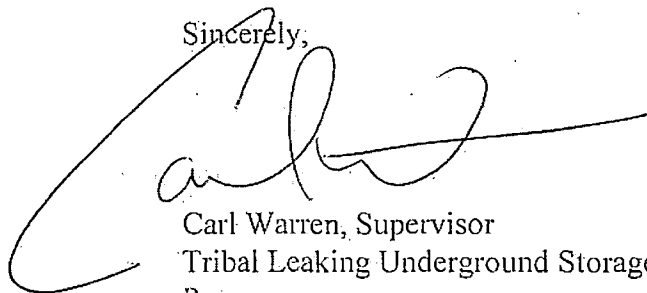
Petroleum odors and staining were noted in the UST excavation. The soil screening photoionization detector (PID) measured volatile hydrocarbons above 120 parts per million (ppm) underneath the UST. Approximately 18 cubic yards of petroleum-contaminated oil was excavated and disposed off-site. Confirmatory soil samples were taken from underneath the dispenser and from the former location of the UST. The results of the analysis of the soil samples were non-detect for petroleum hydrocarbons and/or volatile organic compounds, except for one soil sample north of the UST. Gas-range organics (GRO) was detected at 57 ppm, which was below the action level of 83 ppm.

Groundwater was not encountered during this investigation. The excavation was backfilled with clean fill and some soil from the tank removal. The UST and associated materials were removed from the site and disposed at an approved facility.

Conclusion

Based on the findings presented in the report, the EPA recommends that this site be closed without additional action. The USTPO has discussed this site and recommendation with Morris Paukgana of your staff. 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)-972-3355.

Sincerely,

A handwritten signature in black ink, appearing to read 'Carl Warren', is written over the typed name and title.

Carl Warren, Supervisor
Tribal Leaking Underground Storage Tanks
Program

Cc: EPA Site File HOPI-037.
Morris Paukgana, HEPO
Scott Ruth, Bristol