



BROWNFIELDS PROGRAM PROJECT FACT SHEET

Silver Peak Gas Station Silver Peak, Esmeralda County

SITE BACKGROUND

This former gas station property consists of two parcels of land with three buildings formerly utilized for gas station operations. The buildings comprise a 100 ft² change booth, a 934 ft² convenience store, and a 200 ft² storage shed. The booth was built in 1949 and the convenience store and storage shed were built in 1971.

A Phase I Environmental Site Assessment (ESA) was performed on the site in 2016, and found the following recognized environmental conditions:

- Potential for the release of petroleum hydrocarbons commingled with lead into the subsurface of the site based on the presence of fuel pumps not connected to fuel tanks above ground, possible subsurface piping associated with former fuel dispensing activities, the lack of secondary containment for the fuel tanks, and years of operation as a gas station;
- Potential for lead-based paint on the interior and exterior of the gas station change booth;
- Potential for asbestos –containing materials in the convenience store.

Esmeralda County applied and was accepted for Nevada Brownfields Program (NBP) funding to further characterize the environmental contamination on the site.

FUNDING

<u>Activity</u>	<u>NBP Funding</u>	<u>Date</u>
Phase II Environmental Site Assessment	\$12,538	2017

SITE INVESTIGATIONS

A Phase II Environmental Site Assessment was conducted to investigate the recognized environmental conditions identified in the previous Phase I ESA. Assessment activities included excavation of four trenches proximal to the above ground storage tanks, collection and analysis of soil samples from the trenches, and a pre-demolition asbestos survey of two abandoned structures.

SITE LOCATION

- SE of Main St. (NV 265) & NW of Mohawk Dr., Silver Peak, Esmeralda County
- APNs: 002-052-01, -02
- 0.55 acres

The soil analysis found concentrations of total petroleum hydrocarbons (TPH) in the gasoline range, diesel range, and oil range. The combined TPH concentrations are above the State of Nevada reportable concentration, and more than three cubic yards are soil were impacted. None of the concentrations of VOC or PAH constituents or cadmium, chromium, or lead concentrations exceeded their respective EPA Region 9 regional screening level.

The pre-demolition asbestos survey found 100 square feet of friable roofing mastic containing trace chrysotile asbestos. The roofing mastic was in a damaged condition.

CURRENT STATUS

The Phase II ESA recommended the site be considered for a No Further Action Determination via an Analyte-Specific Closure.

RESOURCES

To learn more about the Nevada Brownfields Program, visit:
<https://ndep.nv.gov/environmental-cleanup/brownfields>



