



BROWNFIELDS PROGRAM PROJECT FACT SHEET

Reno Downtown Events Center Reno, Washoe County

SITE BACKGROUND

The City of Reno identified the construction of a downtown Events Center as a priority for the ongoing downtown revitalization effort. The block to the north of the National Bowling Center was identified as the preferred location to facilitate downtown economic development. The identified project site comprised nine separate parcels. Three of the parcels had operated as gas stations and auto repair facilities since the 1920s.

The City of Reno applied and was accepted for funding through the Nevada Brownfields Program (NBP) to ensure that any environmental contamination was assessed prior to the construction of the Events Center.

FUNDING

<u>Activity</u>	<u>NBP</u>	<u>Date</u>
	<u>Funding</u>	
Phase II ESA	Unknown	2003

INVESTIGATIONS

Nevada Brownfields Program

A Phase I Environmental Site Assessment (ESA) indicated the presence of PCE impacted groundwater under two parcels: the former Union 76 gas station/auto repair shop and the Sage Motel. These parcels were identified for further analysis and cleanup.

The Phase II ESA indicated the presence of Total Petroleum Hydrocarbon (TPH) concentrations in the soil above the State of Nevada's action level of 100 mg/kg. This contamination was insufficient to warrant Brownfields Program cleanup funding.

The Phase II ESA also indicated levels of PCE groundwater contamination above the Maximum Contaminant Limit of 5 ug/L. The assessment indicated a possible source of tetrachloroethylene (PCE) groundwater tank: a sewer line running through the project site that may have had historic leakage.

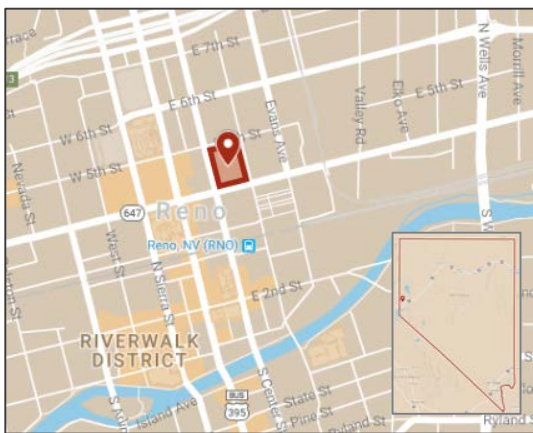
SITE LOCATION

- 400 North Center Street, Reno, Washoe County
- APN: 007-552-01
- 3 acres

Federal Brownfields Program & City of Reno

A soil gas survey for Volatile Organic Compounds was financed by the City of Reno (\$10,000 matching funds) to identify potential soil sources of PCE. No sources were identified other than the sewage line discussed above. It was determined that the sewer line would be decommissioned. During the decommissioning, samples would be taken of the sludge in the line and of the soil around any leakage points to determine whether the sewer line was a source of PCE contamination. All contaminated soils and sludges would be disposed of properly.

The soil contamination did not present a threat to groundwater or human health if left in place, but excavation associated with construction activities would require soil sample analysis and off-site soil disposal at the appropriate facility.



CLEANUP ACTIVITIES

Federal Brownfields Program & City of Reno

All possible sources of PCE contamination were assessed and removed at the Sage Motel. The sewage line was abandoned via decommissioning. During the decommissioning, samples were taken of the sludge in the line and of the soil around any leakage points to determine whether the sewer line was a source of PCE contamination. A hydraulic lift was also removed. All contaminated soils and sludges were disposed of properly.

No sources of PCE contamination were found, and therefore no PCE soil remediation was necessary. As a result, NDEP did not require the City of Reno to perform groundwater remediation because no sources were identified in association with the site, and NDEP pursued other funding sources to address the orphaned PCE groundwater plumes.

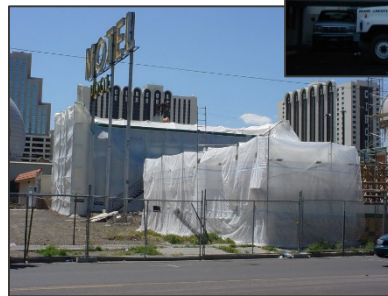
Excavated soils found to be contaminated with petroleum hydrocarbons were properly disposed of, and excavations were backfilled with clean fill.

Extensive asbestos abatement was also performed at four of the nine parcels on the site.



CURRENT STATUS

Construction of the Reno Events Center was completed in December 2004.



RESOURCES

To learn more about the Nevada Brownfields Program, visit:

<https://ndep.nv.gov/environmental-cleanup/brownfields>



NEVADA DIVISION OF
**ENVIRONMENTAL
PROTECTION**