

Nevada  
Environmental  
Restoration  
Project

DOE/NV--626



Housekeeping Closure Report for  
Corrective Action Unit 119:  
Storage Tanks, Nevada Test Site,  
Nevada

Controlled Copy No.: \_\_\_\_

Revision No.: 0

June 2000

Approved for public release; further dissemination unlimited.

Environmental Restoration  
Division



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**HOUSEKEEPING CLOSURE REPORT FOR  
CORRECTIVE ACTION UNIT 119:  
STORAGE TANKS,  
NEVADA TEST SITE, NEVADA**

DOE Nevada Operations Office  
Las Vegas, Nevada

Controlled Copy No.: \_\_\_\_

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**HOUSEKEEPING CLOSURE REPORT FOR  
CORRECTIVE ACTION UNIT 119:  
STORAGE TANKS,  
NEVADA TEST SITE, NEVADA**

Approved by: \_\_\_\_\_ Date: \_\_\_\_\_

Janet Appenzeller-Wing, Project Manager  
Industrial Sites Project

Approved by: \_\_\_\_\_ Date: \_\_\_\_\_

Runore C. Wycoff, Division Director  
Environmental Restoration Division

## **FFACO CORRECTIVE ACTION UNIT CLOSURE REPORT SUMMARY**

**FACILITY NAME:** NEVADA TEST SITE

**CORRECTIVE ACTION UNIT NUMBER:** 119

**SITES:** ABOVEGROUND STORAGE TANKS AND UNDERGROUND STORAGE TANKS

**CORRECTIVE ACTION SITE NUMBERS:** 01-01-01  
02-01-01  
02-02-02  
03-01-02  
04-01-01  
04-01-02  
07-01-01  
07-01-02  
07-99-04  
07-99-05  
08-01-02  
08-01-03  
18-02-01  
18-02-02  
25-01-09  
25-01-11  
25-01-14  
25-23-14  
26-02-03

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**Closure Verification Date:** February 4, 1997

**CAS Number:** 01-01-01

**CAU Number:** 119

**General Location:** Area 1 Batch Plant

**Elevation:** 1,344 meters (m)

**Latitude:** 37.060969

**Northing:** 6256529

**Longitude:** -116.128848

**Easting:** 547829

Coordinate/Elevation Data Obtained from NORTH AMERICAN DATUM, 1927.

**Site Access Route:** Proceed north on Mercury Highway to Tippipah Highway, turn left (northwest). Proceed to the intersection of Tippipah Highway and Pahute Mesa Road. The Batch Plant is on the northwest corner of the intersection. The tank was located on the southwest corner of the Batch Plant.

Waste Item(s) Originally at Site	Apparent Waste Type*
Aboveground Storage Tank (AST)	Unknown

\* Ordinary, Scrap Metal, Asbestos, Polychlorinated Biphenyls (PCBs), Salvageable, Hazardous, Radioactive, Mixed, Unknown, Other



**CAS Prior to Cleanup**  
Photograph date: 01/17/1991



**CAS After Cleanup**  
Photograph date: 02/04/1997

**Current Site Description/Observations:** The site was originally identified by an IT Corporation, Las Vegas (ITLV) field crew on May 26, 1993, as an AST-labeled waste water and oil. Reynolds Electrical & Engineering Co., Inc. (REEC) had taken a photograph of Corrective Action Site (CAS) 01-24-01 on January 17, 1991, which also captured CAS 01-01-01, AST. The site was revisited by an ITLV field crew on February 4, 1997, and it was determined that the AST had been removed. There was no staining identified in the area where the tank was located.

☒ **No Further Action Required at Corrective Action Site**

Brad Jackson (Industrial Sites Project Manager)

**Corrective Action Coordinator/Designee**

**(Signature)**

**Date**

# FFACO CORRECTIVE ACTION SITE HOUSEKEEPING CLOSURE VERIFICATION FORM

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**Closure Verification Date:** July 13, 1998

**CAS Number:** 02-01-01

**CAU Number:** 119

**General Location:** U-2gh Post-shot Area

**Elevation:** 1,276 m

**Latitude:** 37.112940000

**Northing:** 4107617

**Longitude:** -116.053370000

**Easting:** 584106

Coordinate/Elevation Data Obtained from NORTH AMERICAN DATUM, 1927.

**Site Access Route:** Proceed north on Mercury Highway to Rainier Mesa Road, turn left (northwest). Continue to 9-01 Road, turn right (east) and proceed 1.3 miles to Circle Road. Turn right (south) on Circle Road and proceed approximately 1.4 miles to Metropolis Trailer Pad, turn right (west). Follow the road straight to the U-2gh post-shot area. The site is located 60 feet (ft) west of the U2gh crater fence.

Waste Item(s) Originally at Site	Apparent Waste Type*
Eight Gas Sampling Tanks	Other

\* Ordinary, Scrap Metal, Asbestos, PCBs, Salvageable, Hazardous, Radioactive, Mixed, Unknown, Other



**CAS Prior to Cleanup**  
Photograph date: 01/24/1991



**CAS After Cleanup**  
Photograph date: 07/15/1998

**Current Site Description/Observations:** The site was originally identified by REEC Co on January 24, 1991, as eight aboveground gas sampling tanks. Documentation dated May 14, 1992, states that these ASTs were removed by Lawrence Livermore National Laboratory (LLNL). An ITLV field crew visited the site on July 13, 1998, and confirmed that the tanks were no longer present. A crew returned on July 15, 1998, to photograph the site.

☒ **No Further Action Required at Corrective Action Site**

Brad Jackson (Industrial Sites Project Manager)

**Corrective Action Coordinator/Designee**

**(Signature)**

**Date**

# FFACO CORRECTIVE ACTION SITE HOUSEKEEPING CLOSURE VERIFICATION FORM

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**Closure Verification Date:** June 9, 1993

**CAS Number:** 02-02-02

**CAU Number:** 119

**General Location:** U-2cu Post-shot #1A

**Elevation:** 1,385 m

**Latitude:** 37.1275503

**Northing:** 6263914

**Longitude:** -116.1231459

**Easting:** 548217

Coordinate/Elevation Data Obtained from NORTH AMERICAN DATUM, 1927.

**Site Access Route:** Proceed north on Mercury Highway to Rainier Mesa Road, turn left (northwest). Proceed to 2-04 Road, turn left (west) onto 2-04 Road and proceed approximately 1.5 miles to the dirt road located at a 4-way intersection. Turn left (south) onto the dirt road and proceed approximately 1.0 mile to the U-2cu post-shot #1A area. The site is on a ridge to the west of the crater.

Waste Item(s) Originally at Site	Apparent Waste Type*
Underground Storage Tank (UST)	Unknown

\* Ordinary, Scrap Metal, Asbestos, PCBs, Salvageable, Hazardous, Radioactive, Mixed, Unknown, Other



**CAS Prior to Cleanup**  
Photograph date: 10/19/1990



**CAS After Cleanup**  
Photograph date: 05/10/2000

**Current Site Description/Observations:** The site was originally identified by REEC Co on October 19, 1990, as buried tanks. Documentation dated May 14, 1992, states that these USTs were removed by LLNL. An ITLV field crew visited the site on June 9, 1993, and noted soil disturbance in the area where the USTs had formerly been located. An ITLV field crew returned on May 10, 2000, to photograph the site to match the original REEC Co photograph. They noted that there were no "Caution Buried Tanks" signs anywhere in the surrounding area.

☒ **No Further Action Required at Corrective Action Site**

Brad Jackson (Industrial Sites Project Manager)

**Corrective Action Coordinator/Designer**

**(Signature)**

**Date**



# FFACO CORRECTIVE ACTION SITE HOUSEKEEPING CLOSURE VERIFICATION FORM

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**Closure Verification Date:** July 13, 1998

**CAS Number:** 03-01-02

**CAU Number:** 119

**General Location:** U-3ev-3 Shaft

**Elevation:** 1,219 m

**Latitude:** 37.051493333

**Northing:** 4100861

**Longitude:** -115.987355000

**Easting:** 590044

Coordinate/Elevation Data Obtained from NORTH AMERICAN DATUM, 1927.

**Site Access Route:** Proceed north on Mercury Highway to 3-03 Road, turn right (east). Proceed 3.5 miles on 3-03 Road to U-3ev-3 Shaft. The site is 600 ft southeast of the shaft.

Waste Item(s) Originally at Site	Apparent Waste Type*
AST	Unknown

\* Ordinary, Scrap Metal, Asbestos, PCBs, Salvageable, Hazardous, Radioactive, Mixed, Unknown, Other



**CAS Prior to Cleanup**  
Photograph date: 11/02/1990



**CAS After Cleanup**  
Photograph date: 07/15/1998

**Current Site Description/Observations:** The site was originally identified by REEC Co on November 2, 1990, as a gas sampling tank. Documentation dated May 14, 1992, states that this AST was scheduled to be removed by LLNL. An ITLV field crew visited the site on July 13, 1998, and confirmed that the tank had been removed. A crew returned on July 15, 1998, to photograph the site.

  T   **No Further Action Required at Corrective Action Site**

Brad Jackson (Industrial Sites Project Manager)

**Corrective Action Coordinator/Designee**

**(Signature)**

**Date**

# FFACO CORRECTIVE ACTION SITE HOUSEKEEPING CLOSURE VERIFICATION FORM

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**Closure Verification Date:** July 14, 1998

**CAS Number:** 04-01-01

**CAU Number:** 119

**General Location:** U-4ac

**Elevation:** 1,247 m

**Latitude:** 37.092815000

**Northing:** 4105350

**Longitude:** -116.092628333

**Easting:** 580639

Coordinate/Elevation Data Obtained from NORTH AMERICAN DATUM, 1927.

**Site Access Route:** Proceed north on Mercury Highway to 4-04 Road, turn left (west). Proceed 1.6 miles to the Radiation Safety Marker (RSM) 4A-6 sign. Proceed 0.1 mile (west) beyond the sign to a dirt road on the left (south) before the bunker. Turn left (south) and proceed to the borrow pit. Drive around the borrow pit and proceed to the east side of the U-4ac crater fenceline.

Waste Item(s) Originally at Site	Apparent Waste Type*
ASTs (3)	Other



**CAS Prior to Cleanup**

Photograph date: 09/18/1990



**CAS After Cleanup**

Photograph date: 07/14/1998

\* Ordinary, Scrap Metal, Asbestos, PCBs, Salvageable, Hazardous, Radioactive, Mixed, Unknown, Other

**Current Site Description/Observations:** The site was originally identified by REEC Co on September 18, 1990, as three gas sampling tanks. Documentation dated May 14, 1992, states that these ASTs were removed by LLNL. An ITLV field crew visited the site on July 14, 1998, and confirmed that the tanks were no longer present.

☒ **No Further Action Required at Corrective Action Site**

Brad Jackson (Industrial Sites Project Manager)

**Corrective Action Coordinator/Designee**

**(Signature)**

**Date**

# FFACO CORRECTIVE ACTION SITE HOUSEKEEPING CLOSURE VERIFICATION FORM

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**Closure Verification Date:** July 14, 1998

**CAS Number:** 04-01-02

**CAU Number:** 119

**General Location:** U-4at Post-shot #1

**Elevation:** 1,458 m

**Latitude:** 37.106843333

**Northing:** 4106882

**Longitude:** -116.122526667

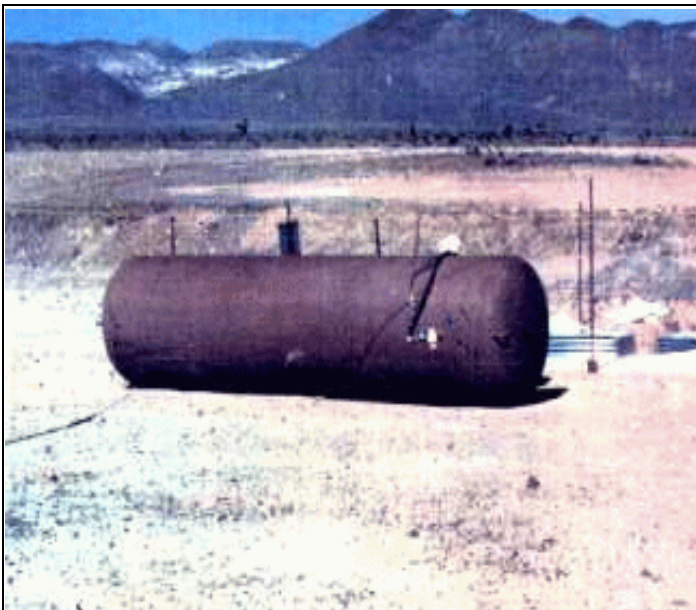
**Easting:** 577967

Coordinate/Elevation Data Obtained from NORTH AMERICAN DATUM, 1927.

**Site Access Route:** Proceed north on Mercury Highway to Rainier Mesa Road, turn left (northwest). Continue just past RSM M-128 and turn left (west) onto 4-04 Road. Continue to the intersection with Orange Road, and turn right (north). Proceed 0.8 mile to a sign for U-4at, turn left (west) onto the dirt road and continue 0.25 mile to U-4at cellar.

Waste Item(s) Originally at Site	Apparent Waste Type*
Gas Sampling Tank	Other

\* Ordinary, Scrap Metal, Asbestos, PCBs, Salvageable, Hazardous, Radioactive, Mixed, Unknown, Other



**CAS Prior to Cleanup**  
Photograph date: 10/08/1990



**CAS After Cleanup**  
Photograph date: 07/14/1998

**Current Site Description/Observations:** The site was originally identified by REEC Co on October 8, 1990, as an AST used for gas sampling. Documentation dated May 14, 1992, states that this AST was removed by LLNL. An ITLV field crew visited the site on July 14, 1998, and confirmed that the tank was no longer present.

☒ **No Further Action Required at Corrective Action Site**

Brad Jackson (Industrial Sites Project Manager)

**Corrective Action Coordinator/Designee**

**(Signature)**

**Date**



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**Closure Verification Date:** July 14, 1998

**CAS Number:** 07-01-01

**CAU Number:** 119

**General Location:** Bunker 7-801

**Elevation:** 1,233 m

**Latitude:** 37.090750000

**Northing:** 4105174

**Longitude:** -116.032705000

**Easting:** 585967

Coordinate/Elevation Data Obtained from NORTH AMERICAN DATUM, 1927.

**Site Access Route:** Proceed north on Mercury Highway to 3-03 Road, turn right (east). Proceed approximately 1.2 miles to 3-05 Road, turn left (north). Proceed approximately 2.0 miles to a fork in the road, turn left (northwest). Proceed 1.0 mile as it curves north and then approximately 0.15 mile as it curves west. Bunker 7-801 is located on the north side of the road (approximately 300 ft) from the road.

Waste Item(s) Originally at Site	Apparent Waste Type*
AST	Unknown

\* Ordinary, Scrap Metal, Asbestos, PCBs, Salvageable, Hazardous, Radioactive, Mixed, Unknown, Other



**CAS Prior to Cleanup**  
Photograph date: 12/13/1990



**CAS After Cleanup**  
Photograph date: 07/14/1998

**Current Site Description/Observations:** The site was originally identified by REEC Co on December 13, 1990, as an AST located inside of Bunker 7-801. It was stated that since it was a cable pull bunker, it was probably a fuel tank. Documentation dated May 14, 1992, states that this CAS was a pressure tank that was removed by LLNL on July 30, 1991. An ITLV field crew visited the site on July 14, 1998, and confirmed that the tank was no longer present. There was no evidence of staining in the area where the tank was formerly located.

☒ **No Further Action Required at Corrective Action Site**

Brad Jackson (Industrial Sites Project Manager)

**Corrective Action Coordinator/Designee**

**(Signature)**

**Date**

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**Closure Verification Date:** July 15, 1998

**CAS Number:** 07-01-02

**General Location:** U-7ca Crater

**Latitude:** 37.07743333

**Longitude:** -116.002266667

**CAU Number:** 119

**Elevation:** 1,115 m

**Northing:** 4103725

**Easting:** 588688

Coordinate/Elevation Data Obtained from NORTH AMERICAN DATUM, 1927.

**Site Access Route:** Proceed north on Mercury Highway to 3-03 Road, turn right (east). Proceed approximately 1.2 miles to 3-05 Road, turn left (north). Proceed 1.9 miles to a dirt road, turn right (east). Proceed 0.9 mile to another dirt road (if you come to a fork in the road, you have gone too far). Turn left (north) onto the dirt road, and then turn right (east) after 0.1 mile. Proceed to the high-voltage fence line. The berm where the tanks were located is 365 ft east of the fence.

Waste Item(s) Originally at Site	Apparent Waste Type*
ASTs	Other

\* Ordinary, Scrap Metal, Asbestos, PCBs, Salvageable, Hazardous, Radioactive, Mixed, Unknown, Other



**CAS Prior to Cleanup**  
Photograph date: 11/27/1990



**CAS After Cleanup**  
Photograph date: 05/09/2000

**Current Site Description/Observations:** The site was originally identified by REEC Co on November 27, 1990, as three tanks used for gas sampling. Documentation dated May 14, 1992, states that these ASTs were removed by LLNL. An ITLV field crew visited the site on July 15, 1998, and confirmed that the tanks were no longer present. A photograph matching the original REEC Co photograph was taken on May 9, 2000. The building is no longer present but the bermed area remains.

☒ **No Further Action Required at Corrective Action Site**

Brad Jackson (Industrial Sites Project Manager)

**Corrective Action Coordinator/Designee**

**(Signature)**

**Date**

# FFACO CORRECTIVE ACTION SITE HOUSEKEEPING CLOSURE VERIFICATION FORM

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**Closure Verification Date:** July 15, 1998

**CAS Number:** 07-99-04

**CAU Number:** 119

**General Location:** U-7be

**Elevation:** 1,224 m

**Latitude:** 37.099670000

**Northing:** 4106167

**Longitude:** -116.028488333

**Easting:** 586332

Coordinate/Elevation Data Obtained from NORTH AMERICAN DATUM, 1927.

**Site Access Route:** Proceed north on Mercury Highway to 7-01 Road, turn right (northeast). Proceed 0.6 mile to the North-South Access Road. Turn north and travel approximately 2.1 miles to a fork in the road. Bear right (northeast) and proceed 0.25 mile. Turn right (southeast) at the Abandon Post Shot Drilling Yard. Proceed 0.9 mile; the site marker is located on the left (east) side of the road.

Waste Item(s) Originally at Site	Apparent Waste Type*
Gas Sampling Tank	Other

\* Ordinary, Scrap Metal, Asbestos, PCBs, Salvageable, Hazardous, Radioactive, Mixed, Unknown, Other



**CAS Prior to Cleanup**  
Photograph date: 12/12/1990



**CAS After Cleanup**  
Photograph date: 07/15/1998

**Current Site Description/Observations:** The site was originally identified by REEC Co on December 12, 1990, as a small gas sampling tank. Documentation dated May 14, 1992, states that this tank was removed. An ITLV field crew visited the site on July 15, 1998, and confirmed that the tank was no longer present.

☒ **No Further Action Required at Corrective Action Site**

Brad Jackson (Industrial Sites Project Manager)

**Corrective Action Coordinator/Designee**

**(Signature)**

**Date**



# FFACO CORRECTIVE ACTION SITE HOUSEKEEPING CLOSURE VERIFICATION FORM

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**Closure Verification Date:** July 15, 1998

**CAS Number:** 07-99-05

**CAU Number:** 119

**General Location:** U-7v

**Elevation:** 1,308 m

**Latitude:** 37.100180000

**Northing:** 4106225

**Longitude:** -116.026805000

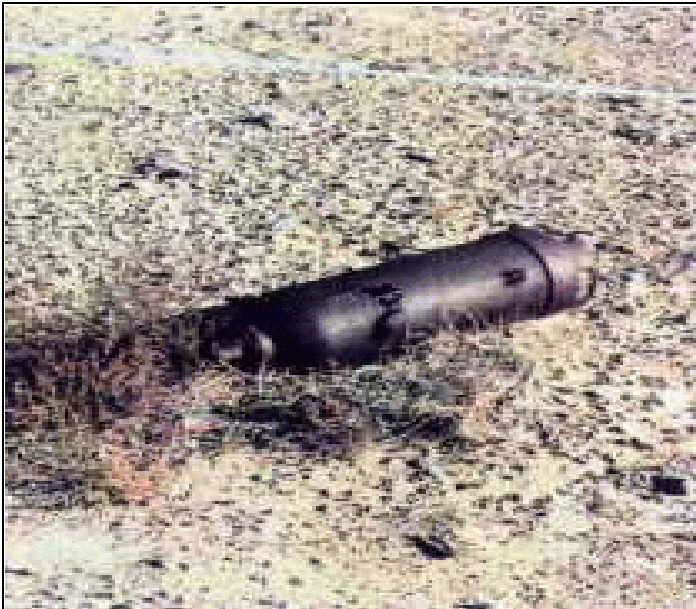
**Easting:** 586481

Coordinate/Elevation Data Obtained from NORTH AMERICAN DATUM, 1927.

**Site Access Route:** Proceed north on Mercury Highway to the intersection of Mercury Highway, Rainier Mesa Road and 7-01 Road. Turn right (northeast) on 7-01 Road and proceed approximately 0.3 mile. Turn left (north) on a dirt road and proceed approximately 2.1 miles. Turn right (northeast) on another dirt road and proceed approximately 0.25 mile. Turn right (east) on another dirt road and proceed approximately 1.1 miles east to the north side of the U-7v crater. The site is located 60 ft south of the access road on the north side of the U-7v crater, between the crater fence and the power line fence.

Waste Item(s) Originally at Site	Apparent Waste Type*
Gas Sampling Tanks (2)	Other

\* Ordinary, Scrap Metal, Asbestos, PCBs, Salvageable, Hazardous, Radioactive, Mixed, Unknown, Other



**CAS Prior to Cleanup**  
Photograph date: 12/12/1990



**CAS After Cleanup**  
Photograph date: 07/15/1998

**Current Site Description/Observations:** This site was originally identified by REEC Co on December 12, 1990, as two small tanks approximately 4 ft long. Documentation dated May 14, 1992, states that the two tanks were removed. An ITLV field crew visited the site on July 15, 1998, and verified that the tanks had been removed.

☒ **No Further Action Required at Corrective Action Site**

Brad Jackson (Industrial Sites Project Manager)

**Corrective Action Coordinator/Designee**

**(Signature)**

**Date**

# FFACO CORRECTIVE ACTION SITE HOUSEKEEPING CLOSURE VERIFICATION FORM

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**Closure Verification Date:** July 15, 1998

**CAS Number:** 08-01-02

**CAU Number:** 119

**General Location:** U-8d

**Elevation:** 1,461 m

**Latitude:** 37.165573333

**Northing:** 4113417

**Longitude:** -116.099003333

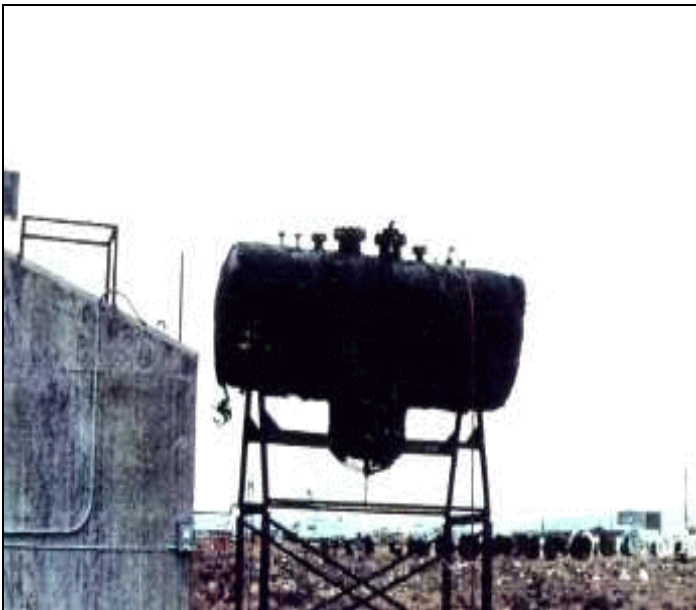
**Easting:** 579996

Coordinate/Elevation Data Obtained from NORTH AMERICAN DATUM, 1927.

**Site Access Route:** Proceed north on Mercury Highway to Rainier Mesa Road, turn left (northwest). Proceed to 2-07 Road, turn right (east) and proceed to RSM-2L-13 sign. Turn left (north) on the dirt road and proceed approximately 0.3 mile. The site is in the northwest section of the former Area 8 Camp/Trailer park area (approximately 0.5 mile southeast of U-8d).

Waste Item(s) Originally at Site	Apparent Waste Type*
AST	Unknown

\* Ordinary, Scrap Metal, Asbestos, PCBs, Salvageable, Hazardous, Radioactive, Mixed, Unknown, Other



**CAS Prior to Cleanup**  
Photograph date: 01/04/1991



**CAS After Cleanup**  
Photograph date: 05/10/2000

**Current Site Description/Observations:** The site was originally identified by REEC Co on January 4, 1991, as an empty AST on a stand. An ITLV field crew visited the site on July 14, 1993, and verified that the AST was present. The site was revisited on July 15, 1998; the original site marker was located but the AST and trailers had been removed. There were no stains in the area where the AST was located. An ITLV field crew returned on May 10, 2000, to photograph the site to match the original REEC Co photograph. It was noted that the building and cable reels have been removed.

☒ **No Further Action Required at Corrective Action Site**

Brad Jackson (Industrial Sites Project Manager)

**Corrective Action Coordinator/Designee**

**(Signature)**

**Date**



# FFACO CORRECTIVE ACTION SITE HOUSEKEEPING CLOSURE VERIFICATION FORM

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**Closure Verification Date:** July 15, 1998

**CAS Number:** 08-01-03

**CAU Number:** 119

**General Location:** U-8d

**Elevation:** 1,461 m

**Latitude:** 37.165573333

**Northing:** 4113417

**Longitude:** -116.099003333

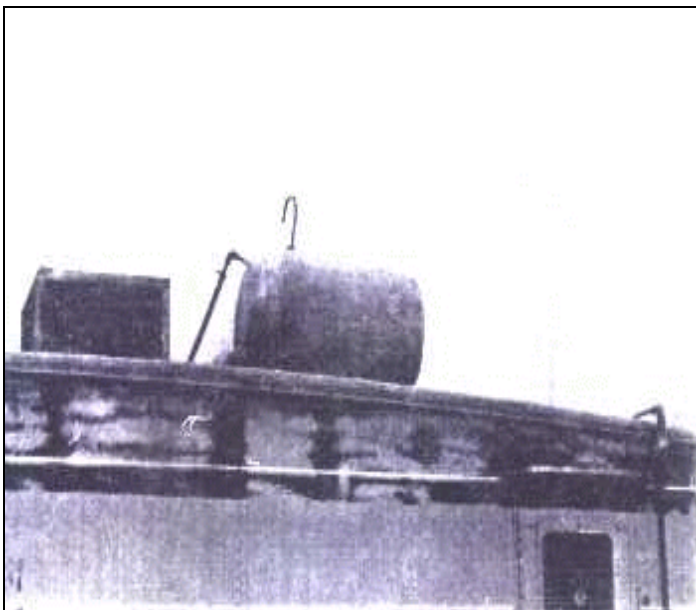
**Easting:** 579996

Coordinate/Elevation Data Obtained from NORTH AMERICAN DATUM, 1927.

**Site Access Route:** Proceed north on Mercury Highway to Rainier Mesa Road, turn left (northwest). Proceed to 2-07 Road, turn right (east) and proceed to RSM-2L-13. Turn left (north) on the dirt road and proceed approximately 0.3 mile. The site is in the northwest section of the former Area 8 Camp/Trailer park area (approximately 0.5 mile southeast of U-8d).

Waste Item(s) Originally at Site	Apparent Waste Type*
AST	Unknown

\* Ordinary, Scrap Metal, Asbestos, PCBs, Salvageable, Hazardous, Radioactive, Mixed, Unknown, Other



**CAS Prior to Cleanup**  
Photograph date: 01/04/1991



**CAS After Cleanup**  
Photograph date: 07/15/1998

**Current Site Description/Observations:** The site was originally identified by REEC Co on January 4, 1991, as an AST on a stand. An ITLV field crew visited the site on July 14, 1993, and verified that the AST was present on top of the trailer. The site was revisited on July 15, 1998; the original site marker was located but the AST and trailers had been removed.

☒ **No Further Action Required at Corrective Action Site**

Brad Jackson (Industrial Sites Project Manager)

**Corrective Action Coordinator/Designer**

**(Signature)**

**Date**

# FFACO CORRECTIVE ACTION SITE HOUSEKEEPING CLOSURE VERIFICATION FORM

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**Closure Verification Date:** September 14, 1993

**CAS Number:** 18-02-01

**CAU Number:** 119

**General Location:** Area 17 Camp Gas Station

**Elevation:** 1,760 m

**Latitude:** 37.1610164

**Northing:** 6267566

**Longitude:** -116.2620270

**Easting:** 535860

Coordinate/Elevation Data Obtained from NORTH AMERICAN DATUM, 1927.

**Site Access Route:** Proceed north on Mercury Highway to Tippipah Highway, turn left (northwest). Proceed to Pahute Mesa Road, turn left (west). Proceed past Stockade Wash Road approximately 1.3 miles to the intersection of Pahute Mesa Road and Road 18-B (the other name of the intersection is Pahute C.P. [17 Camp]). The gas station is at RSM-18P-39. The site is located behind the gas station (southwest) in a small clearing.

Waste Item(s) Originally at Site	Apparent Waste Type*
USTs (2)	Hazardous

\* Ordinary, Scrap Metal, Asbestos, PCBs, Salvageable, Hazardous, Radioactive, Mixed, Unknown, Other



**CAS Prior to Cleanup**  
Photograph date: 01/08/1991



**CAS After Cleanup**  
Photograph date: 05/09/2000

**Current Site Description/Observations:** The site was originally identified by REEC Co on January 8, 1991, as underground fuel tanks located at the Camp 17 Gas Station. It was also stated on the forms that the tanks had been removed. Documentation dated October 11, 1991, states that the two 10,000 gallon USTs associated with this site were removed in December 1989 (see [Attachment A](#)). An ITLV field crew visited the site on September 14, 1993. The crew noted that four metal posts remained at the previous tank locations. There were no indications of staining in the area of the posts. A photograph of the site was taken by an ITLV field crew on May 9, 2000.

☒ **No Further Action Required at Corrective Action Site**

Brad Jackson (Industrial Sites Project Manager)

**Corrective Action Coordinator/Designee**

**(Signature)**

**Date**

# FFACO CORRECTIVE ACTION SITE HOUSEKEEPING CLOSURE VERIFICATION FORM

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**Closure Verification Date:** September 14, 1993

**CAS Number:** 18-02-02

**CAU Number:** 119

**General Location:** Area 17 Camp Gas Station

**Elevation:** 1,761

**Latitude:** 37.1612775

**Northing:** 6267594

**Longitude:** -116.2628663

**Easting:** 535785

Coordinate/Elevation Data Obtained from NORTH AMERICAN DATUM, 1927.

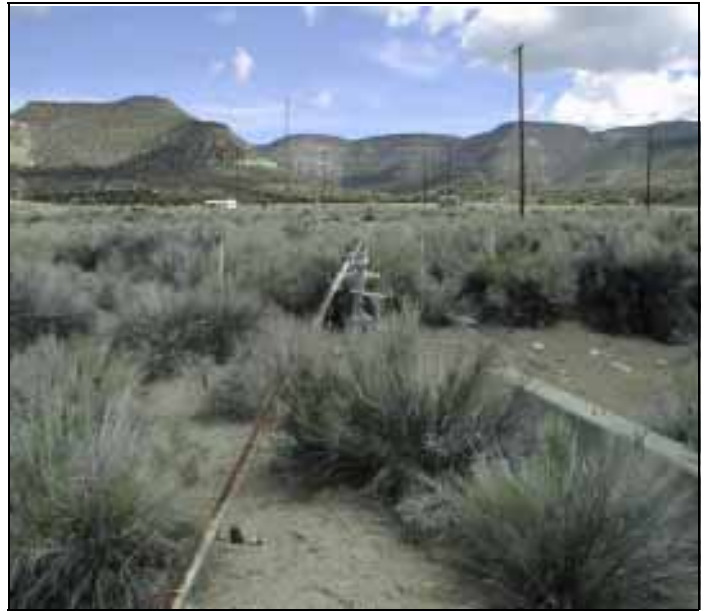
**Site Access Route:** Proceed north on Mercury Highway to Tippipah Highway, turn left (northwest). Proceed to Pahute Mesa Road, turn left (west). Proceed past Stockade Wash Road approximately 1.3 miles to the intersection of Pahute Mesa Road and Road 18-B (the other name of the intersection is Pahute C.P. [17 Camp]). The gas station is at RSM-18P-39. The site is approximately 450 ft (west) of the gas station.

Waste Item(s) Originally at Site	Apparent Waste Type*
AST (misidentified as an UST in the FFACO)	Unknown

\* Ordinary, Scrap Metal, Asbestos, PCBs, Salvageable, Hazardous, Radioactive, Mixed, Unknown, Other



**CAS Prior to Cleanup**  
Photograph date: 01/08/1991



**CAS After Cleanup**  
Photograph date: 05/09/2000

**Current Site Description/Observations:** The site was originally identified by REEC Co on January 8, 1991, as gas meter, regulator, and plumbing possibly for an UST. Documentation dated October 11, 1991, states that the site originally consisted of an AST that has since been removed. All that remains is the valve and regulator/mixer. An ITLV field crew visited the site on September 14, 1993. The crew confirmed that the tank had been removed and there was no staining evident in the area around the remaining plumbing. An ITLV field crew took a photograph of the site on May 9, 2000.

☒ **No Further Action Required at Corrective Action Site**

Brad Jackson (Industrial Sites Project Manager)

**Corrective Action Coordinator/Designee**

**(Signature)**

**Date**



# FFACO CORRECTIVE ACTION SITE HOUSEKEEPING CLOSURE VERIFICATION FORM

CAU 119 Housekeeping  
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**Closure Verification Date:** March 10, 1998

**CAS Number:** 25-01-09

**CAU Number:** 119

**General Location:** Building 3100, Reactor-Maintenance,  
Assembly, and Disassembly (R-MAD) Facility

**Elevation:** 1,150 m

**Northing:** 4074436

**Latitude:** 36.815170410

**Easting:** 567874

**Longitude:** -116.239027100

Coordinate/Elevation Data Obtained from NORTH AMERICAN DATUM, 1927.

**Site Access Route:** From Mercury, proceed southwest on Jackass Flats Road. Follow the road as it continues west and then north to the Area 25 Guard Gate (Guard Station 500). At this point the road turns into C Road. Continue straight (north) on C Road. Turn right (east) on Road G and follow to the R-MAD complex. The site is 110 ft south of the northeast corner fence post.

Waste Item(s) Originally at Site	Apparent Waste Type*
AST	Unknown

\* Ordinary, Scrap Metal, Asbestos, PCBs, Salvageable, Hazardous, Radioactive, Mixed, Unknown, Other



**CAS Prior to Cleanup**  
Photograph date: 12/04/1990



**CAS After Cleanup**  
Photograph date: 03/10/1998

**Current Site Description/Observations:** The site was originally identified by REEC Co on December 4, 1990, as a diesel tank located in the storage yard at the R-MAD Facility. An ITLV field crew visited the site on March 10, 1998, and confirmed that the AST had been removed. There was no staining identified where the AST was formerly located.

☒ **No Further Action Required at Corrective Action Site**

Brad Jackson (Industrial Sites Project Manager)

**Corrective Action Coordinator/Designee**

(Signature)

**Date**

# FFACO CORRECTIVE ACTION SITE HOUSEKEEPING CLOSURE VERIFICATION FORM

CAU 119 Housekeeping  
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**Closure Verification Date:** March 5, 1998

**CAS Number:** 25-01-11

**CAU Number:** 119

**General Location:** X-Tunnel

**Elevation:** 1,045 m

**Latitude:** 36.724773830

**Northing:** 4064349

**Longitude:** -116.328511900

**Easting:** 559963

Coordinate/Elevation Data Obtained from NORTH AMERICAN DATUM, 1927.

**Site Access Route:** From Mercury, proceed southwest on Jackass Flats road for approximately 20.9 miles to the Area 25 Guard Gate. Turn left (west) onto Lathrop Wells road. Travel approximately 5.8 miles to the X-Tunnel road and turn left (north). Travel approximately 2.2 miles on X-tunnel road to the locked gate 25-C12 (call OCC for access). Proceed 1 mile beyond gate to storage yard and continue up the hill to the X-Tunnel portal area.

Waste Item(s) Originally at Site	Apparent Waste Type*
AST	Hazardous

\* Ordinary, Scrap Metal, Asbestos, PCBs, Salvageable, Hazardous, Radioactive, Mixed, Unknown, Other



**CAS Prior to Cleanup**  
Photograph date: 12/21/1990



**CAS After Cleanup**  
Photograph date: 03/05/1998

**Current Site Description/Observations:** The site was originally identified by REEC Co on December 21, 1990, as an AST containing diesel fuel. An ITLV field crew visited the site on March 5, 1998, and confirmed that the tank had been removed and there was no staining in the area where the tank was previously located.

☒ **No Further Action Required at Corrective Action Site**

Brad Jackson (Industrial Sites Project Manager)  
**Corrective Action Coordinator/Designee**

(Signature)

Date

# FFACO CORRECTIVE ACTION SITE HOUSEKEEPING CLOSURE VERIFICATION FORM

CAU 119 Housekeeping  
Closure Report  
Revision: 0  
Date: 06/27/2000  
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**Closure Verification Date:** May 28, 1998

**CAS Number:** 25-01-14

**CAU Number:** 119

**General Location:** Engine-Maintenance, Assembly, and Disassembly (E-MAD) Facility

**Elevation:** 1,027 m

**Northing:** 4073450

**Latitude:** 36.806676270

**Easting:** 562073

**Longitude:** -116.304146100

Coordinate/Elevation Data Obtained from NORTH AMERICAN DATUM, 1927.

**Site Access Route:** From Mercury, proceed southwest on Jackass Flats Road. Follow the road as it continues west and then north to the Area 25 Guard Gate (Guard Station 500). At this point the road turns into C Road. Continue north (straight) on C Road. Turn left (west) on H Road. Turn left (south) on E-MAD Road and proceed to the E-MAD Facility. The tank was located on the asphalt area on the north side of the E-MAD Building.

Waste Item(s) Originally at Site	Apparent Waste Type*
Contaminated Storage Tank	Unknown

\* Ordinary, Scrap Metal, Asbestos, PCBs, Salvageable, Hazardous, Radioactive, Mixed, Unknown, Other



**CAS Prior to Cleanup**  
Photograph date: 12/20/1990



**CAS After Cleanup**  
Photograph date: 05/28/1998

**Current Site Description/Observations:** The site was originally identified by REEC Co on December 20, 1990, as an empty contaminated storage tank. An ITLV field crew visited the site on May 28, 1998, and verified that the tank had been removed.

☒ **No Further Action Required at Corrective Action Site**

Brad Jackson (Industrial Sites Project Manager)

**Corrective Action Coordinator/Designer**

**(Signature)**

**Date**



# FFACO CORRECTIVE ACTION SITE HOUSEKEEPING CLOSURE VERIFICATION FORM

CAU 119 Housekeeping  
Closure Report  
Revision: 0  
Date: 06/27/2000  
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**Closure Verification Date:** June 2, 1998

**CAS Number:** 25-23-14

**CAU Number:** 119

**General Location:** X-Tunnel Portal

**Elevation:** 1,079 m

**Latitude:** 36.72478333

**Northing:** 4064351

**Longitude:** -116.327816667

**Easting:** 560024

Coordinate/Elevation Data Obtained from NORTH AMERICAN DATUM, 1927.

**Site Access Route:** From Mercury, proceed southwest on Jackass Flats Road. Follow the road as it continues west and then north to the Area 25 Guard Gate (Guard Station 500). Turn left (west) onto Lathrop Wells Road and travel approximately 8.1 miles to X-Tunnel Road. Turn left (north) on X-Tunnel Road and travel approximately 2.2 miles to the locked Gate 25-C12 (call OCC for access). Proceed 1 mile beyond gate to storage yard and continue up the hill to the portal area.

Waste Item(s) Originally at Site	Apparent Waste Type*
Trailer Tank	Unknown

\* Ordinary, Scrap Metal, Asbestos, PCBs, Salvageable, Hazardous, Radioactive, Mixed, Unknown, Other



**CAS Prior to Cleanup**  
Photograph date: 12/21/1990



**CAS After Cleanup**  
Photograph date: 05/10/2000

**Current Site Description/Observations:** The site was originally identified by REEC Co on December 21, 1990, as a trailer tank with possible depleted uranium contamination. An interview was conducted concerning this site, and it was believed that the tank may have been buried or emptied in a pit just off the access road, below the portal. An ITLV field crew visited the site on June 2, 1998, and confirmed that the tank had been removed. No surface stains or environmental concerns were observed. An ITLV field crew returned on May 10, 2000, to photograph the site to match the original REEC Co photograph.

☒ **No Further Action Required at Corrective Action Site**

Brad Jackson (Industrial Sites Project Manager)

**Corrective Action Coordinator/Designee**

**(Signature)**

**Date**

# FFACO CORRECTIVE ACTION SITE HOUSEKEEPING CLOSURE VERIFICATION FORM

CAU 119 Housekeeping  
Closure Report  
Revision: 0  
Date: 06/27/2000  
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**Closure Verification Date:** June 21, 2000

**CAS Number:** 26-02-03

**CAU Number:** 119

**General Location:** Building 2201

**Elevation:** 1,295 m

**Latitude:** 36.815563560

**Northing:** 4074535

**Longitude:** -116.164839000

**Easting:** 574491

Coordinate/Elevation Data Obtained from NORTH AMERICAN DATUM, 1927.

**Site Access Route:** From Mercury, proceed southwest on Jackass Flats Road. Follow the road as it continues west and then north to the Area 25 Guard Gate (Guard Station 500). After passing the Area 25 Guard Station 500, turn right (east) on Cane Springs Road. Continue approximately 6.1 miles to the top of the pass, turn left (south) and proceed to the top of the road to Building 2201. The site is located inside a fenced area.

Waste Item(s) Originally at Site	Apparent Waste Type*
UST	Unknown

\* Ordinary, Scrap Metal, Asbestos, PCBs, Salvageable, Hazardous, Radioactive, Mixed, Unknown, Other



**CAS Prior to Cleanup**  
Photograph date: 12/04/1990



**CAS After Cleanup**  
Photograph date: 06/21/2000

**Current Site Description/Observations:** The site was originally identified by REEC Co on December 4, 1990, as an UST of unknown size and contents. An ITLV field crew visited the site on May 11, 1995, and noted that the tank was in the process of being removed. The site was revisited and photographed on June 21, 2000. A notification of tank closure was submitted by the U.S. Department of Energy, Nevada Operations Office on October 23, 1995. Documentation dated November 6, 1995, states that the Nevada Division of Environmental Protection accepted the final closure of this site.

☒ **No Further Action Required at Corrective Action Site**

Brad Jackson (Industrial Sites Project Manager)

**Corrective Action Coordinator/Designer**

**(Signature)**

**Date**



## **Attachment A**

### **Verification of Tank Removal**



# Reynolds Electrical & Engineering Co., Inc.

Post Office Box 98521 • Las Vegas, NV 89193-8521

CAU 119 Housekeeping  
Closure Report  
Attachment A  
Revision: 0  
Date: 06/27/2000  
Page A-1 of A-1

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IN REPLY REFER TO:  
530-03-17

OCT 11 1991

Joseph N. Fiore, Director  
Environmental Restoration and  
Waste Management Division  
DOE Field Office, Nevada  
Post Office Box 98518  
Las Vegas, NV 89193-8518

TRANSMITTAL OF PRELIMINARY INVESTIGATION OF WRITE UP NUMBER  
18-02-01 FROM SURVEY OF INACTIVE AND ABANDONED SITES

The Reynolds Electrical & Engineering Company, Inc., Environmental Compliance Office has completed a preliminary investigation of the Underground Storage Tanks (USTs) described in Nevada Test Site Inventory Of Inactive And Abandoned Facilities And Waste Sites (DOE/NV/10630-18) as write up number 18-02-01. The item described was confirmed through record verifications to be the site of two 10,000 gallon fuel tanks removed in December 1989 as part of the ongoing UST program.

Notification of removal of the tanks (Tank Numbers 18-1 and 18-2) was submitted to the Nevada Division of Environmental Protection on December 21, 1989.

Further investigation, assessment, sampling, or allocation of resources is not needed for write up number 18-02-01 because analytical results for the tank site closure indicated Total Petroleum Hydrocarbon concentrations below the 100 mg/kg Action Level for cleanup established by the state of Nevada.

If you have any questions, please contact D. D. Madsen of my staff at 295-7211.

for Frank E. Bingham, Director  
Environmental Compliance Office

FEB:DDM:M9157:bm

cy: J. D. Stewart, DOE/NTS, M/S 701  
J. L. Appenzeller-Wing, DOE/NV, M/S 505  
D. R. Elle, DOE/NV, M/S 505  
S. A. Mellington, DOE/NV, M/S 505

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**Attachment B**

**Document Review Sheets**

## NEVADA ENVIRONMENTAL RESTORATION PROJECT DOCUMENT REVIEW SHEET

1. Document Title/Number <u>Draft Housekeeping Closure Report for Corrective Action Unit 119: Storage Tanks, Nevada Test Site, Nevada</u>		2. Document Date <u>May 2000</u>	
3. Revision Number <u>0</u>		4. Originator/Organization <u>IT Corporation</u>	
5. Responsible DOE/NV ERP Project Mgr. <u>Janet Appenzeller-Wing</u>		6. Date Comments Due _____	
7. Review Criteria <u>Full</u>			
8. Reviewer/Organization/Phone No. <u>John A. Wong/NDEP/702-486-2850</u>		9. Reviewer's Signature _____	

10. Comment Number/ Location	11. Type <sup>a</sup>	12. Comment	13. Comment Response	14. Accept
Comment 1, Page 2		CAS 01-01-01: Please provide any documentation or information from former REECo personnel that indicates final disposition of the AST.	Numerous interviews were conducted with knowledgeable personnel. Interviewees did not recall the specific disposal of this tank. However, it was stated that tanks were generally screened for radiological contamination and once cleared, transported to the U-10C landfill. At the landfill, the tank ends were removed and the tank was crushed and buried. A review of the available landfill logbooks from 1992-1997 did not provide specific tank information. Interviewees stated that the removal and disposal of ASTs during this time frame was generally not well documented.	Yes
Comment 2, Page 12		CAS 08-01-02: IT visited the site in 7/93 and AST was present; In 7/98, the site was revisited and AST and trailers had been removed. Please provide any information pertaining to the disposition of the AST.	See the response to comment one.	Yes
Comment 3, Page 13		CAS 08-01-03: IT visited the site in 7/93 and AST was present; In 7/98, the site was revisited and AST and trailers had been removed. Please provide any information pertaining to the disposition of the AST.	See the response to comment one.	Yes
Comment 4, Page 14		CAS 18-02-01: In the Current Site Description/Observations, it is stated that "...Documentation dated October 11, 1991.". Please provide this documentation, or indicate where the documentation is available for review.	The document has been provided as an attachment.	Yes

<sup>a</sup> Comment Types: M = Mandatory, S = Suggested.  
 Return Document Review Sheets to DOE/NV Environmental Restoration Division, Attn: QAC, M/S 505.

# NEVADA ENVIRONMENTAL RESTORATION PROJECT

## DOCUMENT REVIEW SHEET

CAU 119 Housekeeping  
Closure Report  
Attachment B  
Revision: 0  
Date: 06/27/2000  
Page B-2 of B-2

Document Title/Number Draft Housekeeping Closure Report for Corrective Action Unit 119:

Revision Number 0

Storage Tanks, Nevada Test Site, Nevada

Reviewer/Organization John A. Wong/NDEP/702-486-2850

10. Comment Number/ Location	11. Type <sup>a</sup>	12.  Comment	13.  Comment Response	14. Accept
Comment 5, Page 15		CAS 18-02-02: If the site was originally identified as, "...gas meter, regulator, and plumbing..", the 'after' photograph reveals that, at least, the plumbing is still present. Therefore, this site is not ready for closure.	The site was originally identified as "gas meter, regulator, and plumbing possibly extending from an underground tank in 17 Camp about 85 yards west of Gas Station." From this commentary, it was believed that waste of concern was an UST, as stated in the FFACO. Documentation exists which states the site consisted of an AST that had been removed at the time the site was originally identified. The waste of concern for CAS 18-02-02 has been removed and the piping was handled in accordance with existing procedures at the time.	Yes
Comment 6, Page 16		CAS 25-01-09: According to the May 14, 1992 REEC Co Detailed Site Activity Summary, rad screening and sampling was performed on the tank. Please provide this data.	An extensive search has been conducted to locate any information associated with this CAS but very little documentation has been identified. The ITLV Library, EM Library, BN Archives, and DOE/NV Central Files were searched for pertinent documentation. Specific rad screening and sampling information pertaining to this tank could not be located.	Yes
Comment 7, Page 17		CAS 25-01-11: According to the May 14, 1992 REEC Co Detailed Site Activity Summary, rad screening and sampling was performed on the tank. Please provide this data.	See the response to comment five.	Yes
Comment 8, Page 18		CAS 25-01-14: According to the May 14, 1992 REEC Co Detailed Site Activity Summary, rad screening and sampling was performed on the tank. Please provide this data.	See the response to comment five.	Yes
Comment 9, Page 19		CAS 25-23-14: The interviewees indicated that the tank was "...buried or emptied in a pit..below the portal..". The fact that the tank is no longer present does not justify closure of the CAS. The possibility of further investigation is an issue for this CAS.	See the response to comment one.	Yes
Comment 10, Page 20		CAS 26-02-03: If this is not the current status of the CAS, please provide a photograph revealing the current status of the CAS.	A photograph currently depicting the site has been provided.	Yes

<sup>a</sup>Comment Types: M = Mandatory, S = Suggested.

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