

Nevada  
Environmental  
Restoration  
Project

DOE/NV--610



Hauskeeping Closure Report for  
Corrective Action Unit 36:  
Areas 8, 10, 16, 18 and 26  
Hauskeeping Waste Sites,  
Nevada Test Site, Nevada

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

Revision No.: 0

April 2000

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Environmental Restoration  
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**HOUSEKEEPING CLOSURE REPORT FOR  
CORRECTIVE ACTION UNIT 36:  
AREAS 8, 10, 16, 18, AND 26  
HOUSEKEEPING WASTE SITES,  
NEVADA TEST SITE, NEVADA**

DOE Nevada Operations Office  
Las Vegas, Nevada

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

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Approved for public release; further dissemination unlimited.

**HOUSEKEEPING CLOSURE REPORT FOR  
CORRECTIVE ACTION UNIT 36:  
AREAS 8, 10, 16, 18, AND 26 HOUSEKEEPING WASTE SITES,  
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, AREAS 8, 10, 16, 18, AND 26

**CORRECTIVE ACTION UNIT NUMBER:** 36

**SITES:** HOUSEKEEPING, INCLUDING: BATTERIES, BUCKETS, CANS, DRUMS, GAS CYLINDERS, AND SMOKE  
POTS

**CORRECTIVE ACTION SITE NUMBERS:** 08-22-06  
08-22-10  
08-24-05  
08-24-09  
08-24-10  
08-99-02  
10-24-08  
16-24-02  
18-22-22  
18-24-12  
18-24-13  
26-99-03

# FFACO CORRECTIVE ACTION SITE HOUSEKEEPING CLOSURE VERIFICATION FORM

CAU 36 Housekeeping  
Closure Report  
Revision: 0  
Date: 04/26/2000  
Page 2 of 13

**Closure Verification Date:** August 26, 1991

**CAS Number:** 08-22-06

**CAU Number:** 36

**General Location:** T-8B

**Elevation:** Unknown

**Latitude:** 37.18135617°

**Northing:** 4115193

**Longitude:** -116.0685688°

**Easting:** 582680

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

**Site Access Route:** Proceed north on Mercury Highway to 8-02 Road, turn left (northwest). Proceed approximately 0.76 miles to T-8B. The waste was approximately 1,000 feet (ft) east of T-8B.

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

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



**CAS Prior to Cleanup**

Photograph date: 01/02/1991



**CAS After Cleanup**

Photograph date: 08/26/1991

**Current Site Description/Observations:** This site was first identified by Reynolds Electrical & Engineering Co., Inc (REECo) on January 2, 1991. The waste was identified as one 30-gallon drum that was empty. A photograph was taken by REECo personnel on August 26, 1991, to document that the drum had been removed. A memo with the subject "Disposal/Reclamation of Lead Bricks, Intact and Destroyed Batteries, Gas Cylinders, and Drums Removed from Environmental Cleanup Inventory (ECI) Sites at the Nevada Test Site (NTS)," dated November 29, 1993, states that "All drums were screened for radiation in the field prior to removal." The results were compared to the criteria specified in the *Radiological Control Manual* at that time. Empty drums passing the field screening were transported to the Area 9 Class I Landfill or the Area 23 Class I Landfill for disposal. Specific disposition documentation was not required for this 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

CAU 36 Housekeeping  
Closure Report  
Revision: 0  
Date: 04/26/2000  
Page 3 of 13

**Closure Verification Date:** June 28, 1999

**CAS Number:** 08-22-10

**General Location:** Area 2 Camp

**Latitude:** 37.163933333°

**Longitude:** -116.099805000°

**CAU Number:** 36

**Elevation:** 1,322 meters (m)

**Northing:** 4113234

**Easting:** 579926

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

**Site Access Route:** Proceed north on Mercury Highway to 2-07 Road, turn right (east). Travel 0.2 mile and turn left (north) onto a dirt road. Proceed 0.2 mile to the site marker that is located on the right (east) side of the road.

Waste Item(s) Originally at Site	Apparent Waste Type*
Buckets (3)	Unknown

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

**Current Site Description/Observations:** The site was

No Photograph Available

**CAS Prior to Cleanup**

Photograph date: N/A



**CAS After Cleanup**

Photograph date: 06/28/1999

originally identified by an IT Corporation, Las Vegas (ITLV) field crew on July 7, 1993. The site consisted of three buckets. An ITLV field crew conducted an investigation at this site on June 28, 1999, and determined that the waste of concern had been removed. There was no visible staining or debris in the area around the site marker. The area has been graded and there is little vegetation. Specific disposition documentation was not required for this 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

CAU 36 Housekeeping  
Closure Report  
Revision: 0  
Date: 04/26/2000  
Page 4 of 13

Closure Verification Date: Unknown

CAS Number: 08-24-05

General Location: T-8C

Latitude: 37.17724452°

Longitude: -116.0691504°

CAU Number: 36

Elevation: Unknown

Northing: 4114736

Easting: 582633

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

**Site Access Route:** Proceed north on Mercury Highway to 8-02 Road, turn left (northwest). Proceed on 8-02 Road to the T-8C area. The site is located one mile south of T-8C, along the southern perimeter fence of the smoky area.

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

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



**CAS Prior to Cleanup**  
Photograph date: 12/27/1990



**CAS After Cleanup**  
Photograph date: Unknown

**Current Site Description/Observations:** This site was first identified by REECo on December 27, 1990. A photograph (date unknown) was taken by REECo personnel to document that the batteries had been removed. A memo with the subject "Disposal/Reclamation of Lead Bricks, Intact and Destroyed Batteries, Gas Cylinders, and Drums Removed from ECI Sites at the NTS," dated November 29, 1993, states that "All batteries were screened for radiation in the field prior to removal." The results were compared to the criteria specified in the *Radiological Control Manual* at that time. The batteries were typically transported to either the Reclaimable/Recyclable Materials Holding Area located in Area 3 or the Hazardous Waste Accumulation Site located in Area 5. The batteries were later transported off site for reclamation at an approved lead smelter operation in California. Specific disposition documentation was not identified for this 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

CAU 36 Housekeeping  
Closure Report  
Revision: 0  
Date: 04/26/2000  
Page 5 of 13

Closure Verification Date: Unknown

CAS Number: 08-24-09

CAU Number: 36

General Location: T-8B

Elevation: Unknown

Latitude: 37.18135617°

Northing: 4115193

Longitude: -116.0685688°

Easting: 582680

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

**Site Access Route:** Proceed north on Mercury Highway to 8-02 Road, turn left (northwest). Proceed approximately .51 mile to T-8B towershot. The waste was located approximately 900 ft northeast of G3, next to a bunker door.

Waste Item(s) Originally at Site	Apparent Waste Type*
Batteries (14)	Hazardous

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



**CAS Prior to Cleanup**  
Photograph date: 01/02/1991



**CAS After Cleanup**  
Photograph date: Unknown

**Current Site Description/Observations:** This site was first identified by REEC Co on January 2, 1991. A photograph (date unknown) was taken by REEC Co personnel to document that the batteries had been removed. A memo with the subject "Disposal/Reclamation of Lead Bricks, Intact and Destroyed Batteries, Gas Cylinders, and Drums Removed from ECI Sites at the NTS," dated November 29, 1993, states that "All batteries were screened for radiation in the field prior to removal." The results were compared to the criteria specified in the *Radiological Control Manual* at that time. The batteries were typically transported to either the Reclaimable/Recyclable Materials Holding Area located in Area 3 or the Hazardous Waste Accumulation Site located in Area 5. The batteries were later transported off site for reclamation at an approved lead smelter operation in California. Specific disposition documentation was not identified for this site.

☒ **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 36 Housekeeping  
Closure Report  
Revision: 0  
Date: 04/26/2000  
Page 6 of 13

**Closure Verification Date:** June 29, 1999

**CAS Number:** 08-24-10

**CAU Number:** 36

**General Location:** U-2gd

**Elevation:** 1,284 m

**Latitude:** 37°10.1291

**Northing:** 4113808

**Longitude:** -116°03.7610

**Easting:** 583217

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

**Site Access Route:** Proceed north on Mercury Highway to 2-07 Road, turn left (west). Proceed 0.4 mile to a dirt road, turn right (north). Proceed approximately 0.5 mile across a flat graded area. The site is 120 ft east of the dirt road.

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

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

No Photograph Available



**CAS Prior to Cleanup**

Photograph date: N/A

**CAS After Cleanup**

Photograph date: 06/29/1999

**Current Site Description/Observations:** This site was first identified by an ITLV field crew on September 14, 1993. An ITLV field crew returned on June 29, 1999, and photographed the site to document that the batteries had been removed. No soil staining was observed. A memo with the subject "Disposal/Reclamation of Lead Bricks, Intact and Destroyed Batteries, Gas Cylinders, and Drums Removed from ECI Sites at the NTS," dated November 29, 1993, states that "All batteries were screened for radiation in the field prior to removal." The results were compared to the criteria specified in the *Radiological Control Manual* at that time. The batteries were typically transported to either the Reclaimable/Recyclable Materials Holding Area located in Area 3 or the Hazardous Waste Accumulation Site located in Area 5. The batteries were later transported off site for reclamation at an approved lead smelter operation in California. Specific disposition documentation was not identified for this 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

CAU 36 Housekeeping  
Closure Report  
Revision: 0  
Date: 04/26/2000  
Page 7 of 13

**Closure Verification Date:** September 3, 1998

**CAS Number:** 08-99-02

**CAU Number:** 36

**General Location:** Area 8 Trailer Park

**Elevation:** Unknown

**Latitude:** 37.17313046°

**Northing:** 4114255

**Longitude:** -116.0988617°

**Easting:** 580000

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

**Site Access Route:** Proceed north on Mercury Highway to Rainier Mesa Road. Continue northwest on Rainier Mesa Road to 2-07 Road, turn right (east). Proceed 0.2 mile to a dirt road, turn left (north). Proceed 0.3 mile to the clearing that is the former location of the Area 8 Trailer Park. The site is located approximately 150 ft northeast of the park clearing.

Waste Item(s) Originally at Site	Apparent Waste Type*
Gas Cylinders (2)	Unknown

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



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



**CAS After Cleanup**  
Photograph Date: 08/26/1991

**Current Site Description/Observations:** This site was first identified by REEC Co on January 4, 1991. A photograph was taken on August 26, 1991, by REEC Co personnel to document that the gas cylinders were removed. An ITLV field crew visited the site on September 3, 1998, and also verified that the gas cylinders were removed. A memo with the subject "Disposal/Reclamation of Lead Bricks, Intact and Destroyed Batteries, Gas Cylinders, and Drums Removed from ECI Sites at the NTS," dated November 29, 1993, states that "All gas cylinders were screened for radiation in the field prior to removal." The results were compared to the criteria specified in the *Radiological Control Manual* at that time. Reusable gas cylinders were sent to Building 160 in Mercury. The stems of the unusable gas cylinders were removed and the casings were sent to the salvage and excess yard in Mercury. Specific disposition documentation was not required for this 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

CAU 36 Housekeeping  
Closure Report  
Revision: 0  
Date: 04/26/2000  
Page 8 of 13

**Closure Verification Date:** September 17, 1998

**CAS Number:** 10-24-08

**CAU Number:** 36

**General Location:** U-10ap #3

**Elevation:** 1,294 m

**Latitude:** 37.159756667°

**Northing:** 4113017

**Longitude:** -116.050203333°

**Easting:** 584333

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

**Site Access Route:** Proceed north on Mercury Highway to Rainier Mesa Road. Proceed to 2-07 Road, turn right (east). Proceed 2.3 miles to Circle Road, turn left (north). Proceed approximately 0.1 mile to 10 H dirt road, turn right (east). Proceed 0.6 mile to an asphalt road, turn right (south). Proceed on the asphalt road approximately 0.15 mile. The site is 430 ft left (east) of the road.

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

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



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



**CAS After Cleanup**  
Photograph date: 09/17/1998

**Current Site Description/Observations:** The site was first identified by REEC Co on December 12, 1990. An ITLV field crew visited this site on September 17, 1998, and took a photograph to document that the battery had been removed. No debris or staining was evident in the surrounding area. A memo with the subject "Disposal/Reclamation of Lead Bricks, Intact and Destroyed Batteries, Gas Cylinders, and Drums Removed from ECI Sites at the NTS," dated November 29, 1993, states that "All batteries were screened for radiation in the field prior to removal." The results were compared to the criteria specified in the *Radiological Control Manual* at that time. The batteries were typically transported to either the Reclaimable/Recyclable Materials Holding Area located in Area 3 or the Hazardous Waste Accumulation Site located in Area 5. The batteries were later transported off site for reclamation at an approved lead smelter operation in California. Specific disposition documentation was not identified for this 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

CAU 36 Housekeeping  
Closure Report  
Revision: 0  
Date: 04/26/2000  
Page 9 of 13

**Closure Verification Date:** September 9, 1998

**CAS Number:** 16-24-02

**CAU Number:** 36

**General Location:** 16-02/Mid Valley Road

**Elevation:** 1,529 m

**Latitude:** 37.018899510°

**Northing:** 4097077

**Longitude:** -116.183943200°

**Easting:** 572594

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

**Site Access Route:** Proceed north on Mercury Highway to Tippipah Highway. Proceed to Pahute Mesa Road, turn left (west). Continue to 16-02 Road and turn left (south). Continue on 16-02 Road for approximately 3.2 miles to the intersection of 16-02 and Mid Valley Road. The site is at the junction of 16-02 of and Mid Valley Road.

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

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



**CAS Prior to Cleanup**  
Photograph Date: 12/19/1990



**CAS After Cleanup**  
Photograph Date: 09/09/1998

**Current Site Description/Observations:** This site was first identified by REEC Co on December 19, 1990. The site was visited by an ITLV field crew on September 9, 1998, and a photograph was taken to document that the batteries had been removed. A memo with the subject "Disposal/Reclamation of Lead Bricks, Intact and Destroyed Batteries, Gas Cylinders, and Drums Removed from ECI Sites at the NTS," dated November 29, 1993, states that "All batteries were screened for radiation in the field prior to removal." The results were compared to the criteria specified in the *Radiological Control Manual* at that time. The batteries were typically transported to either the Reclaimable/Recyclable Materials Holding Area located in Area 3 or the Hazardous Waste Accumulation Site located in Area 5. The batteries were later transported off site for reclamation at an approved lead smelter operation in California. Specific disposition documentation was not identified for this 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

CAU 36 Housekeeping  
Closure Report  
Revision: 0  
Date: 04/26/2000  
Page 10 of 13

**Closure Verification Date:** August 25, 1998

**CAS Number:** 18-22-22

**CAU Number:** 36

**General Location:** Area 17 Camp

**Elevation:** 1,822 m

**Latitude:** 37.162686667°

**Northing:** 4112971

**Longitude:** -116.261961667°

**Easting:** 565530

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 north past the Stockade Wash Road for approximately 1.3 miles to intersection of Pahute Mesa Road and Road 18-B (at RSM P-38). Area 17 Camp is located on the southwest corner of the intersection. The site is located approximately 150 ft east of the retention pond in the Area 17 Camp.

Waste Item(s) Originally at Site	Apparent Waste Type*
Cans (3)	Unknown

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



**CAS Prior to Cleanup**

Photograph Date: 01/08/1991



**CAS After Cleanup**

Photograph Date: 08/27/1998

**Current Site Description/Observations:** The site was first identified by REECO on January 8, 1991. An ITLV field crew visited the site on August 25, 1998, and later took a photograph to document that the three cans had been removed. The asphalt/cold patch pile still remains at the site. Specific disposition documentation was not identified for this 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

CAU 36 Housekeeping  
Closure Report  
Revision: 0  
Date: 04/26/2000  
Page 11 of 13

**Closure Verification Date:** June 24, 1999

**CAS Number:** 18-24-12

**CAU Number:** 36

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

**Elevation:** 1,669 m

**Latitude:** 37.161228333°

**Northing:** 4112810

**Longitude:** -116.261506667°

**Easting:** 565571

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

**Site Access Route:** Proceed north on Mercury Highway to Pahute Mesa Road, turn left (west). Continue past Stockade Wash Road for approximately 1.3 miles to the intersection of Pahute Mesa Road and Road 18-B. Area 17 Camp is located across the street (west) of RSM 18 P 39. Site is located at the abandoned gas station building on the northeast corner of the intersection.

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

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

No Photograph Available



**CAS Prior to Cleanup**

Photograph date: N/A

**CAS After Cleanup**

Photograph date: 06/24/1999

**Current Site Description/Observations:** This site was first identified by an ITLV field crew on June 30, 1993. An ITLV field crew returned on June 24, 1999, to document that the batteries had been removed. No soil staining was observed on the concrete pad or surrounding area. A memo with the subject "Disposal/Reclamation of Lead Bricks, Intact and Destroyed Batteries, Gas Cylinders, and Drums Removed from ECI Sites at the NTS," dated November 29, 1993, states that "All batteries were screened for radiation in the field prior to removal." The results were compared to the criteria specified in the *Radiological Control Manual* at that time. The batteries were typically transported to either the Reclaimable/Recyclable Materials Holding Area located in Area 3 or the Hazardous Waste Accumulation Site located in Area 5. The batteries were later transported off site for reclamation at an approved lead smelter operation in California. Specific disposition documentation was not identified for this 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

CAU 36 Housekeeping  
Closure Report  
Revision: 0  
Date: 04/26/2000  
Page 12 of 13

**Closure Verification Date:** June 24, 1999

**CAS Number:** 18-24-13

**CAU Number:** 36

**General Location:** Area 17 Camp

**Elevation:** 1,797 m

**Latitude:** 37.161680000°

**Northing:** 4112858

**Longitude:** -116.264070000°

**Easting:** 565343

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 the intersection with Stockade Wash Road for 1.3 miles to the Area 17 Camp. Turn left (west) on 18-B Road. Follow the dirt road up the hill to a fenced area; the waste was located near the entrance of the fenced area.

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

No Photograph Available



**CAS Prior to Cleanup**  
Photograph date: N/A

**CAS After Cleanup**  
Photograph date: 06/24/1999

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

**Current Site Description/Observations:** This site was first identified by an ITLV field crew on September 14, 1993. The ITLV field crew returned on June 24, 1999, to document that the batteries had been removed. No soil staining or environmental impacts were observed. A memo with the subject "Disposal/Reclamation of Lead Bricks, Intact and Destroyed Batteries, Gas Cylinders, and Drums Removed from ECI Sites at the NTS," dated November 29, 1993, states that "All batteries were screened for radiation in the field prior to removal." The results were compared to the criteria specified in the *Radiological Control Manual* at that time. The batteries were typically transported to either the Reclaimable/Recyclable Materials Holding Area located in Area 3 or the Hazardous Waste Accumulation Site located in Area 5. The batteries were later transported off site for reclamation at an approved lead smelter operation in California. Specific disposition documentation was not identified for this 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

CAU 36 Housekeeping  
Closure Report  
Revision: 0  
Date: 04/26/2000  
Page 13 of 13

**Closure Verification Date:** June 30, 1999

**CAS Number:** 26-99-03

**CAU Number:** 36

**General Location:** Building 3126

**Elevation:** 1,295 m

**Latitude:** 36.810107550°

**Northing:** 4073934

**Longitude:** -116.159122100°

**Easting:** 575006

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

**Site Access Route:** Proceed north on Mercury Highway to Cane Springs Road, turn left (west). Travel approximately seven miles to the Port Gaston Training Complex intersection. Proceed approximately 0.1 mile past the intersection (west); turn left (south) on to a dirt road and travel approximately 0.1 mile. The site is in the fenced in area left (east), next to the wooden fence posts.

Waste Item(s) Originally at Site	Apparent Waste Type*
Smoke Pots (4)	Unknown

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



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



**CAS After Cleanup**  
Photograph date: 06/30/1999

**Current Site Description/Observations:** This site was first identified by REEC Co on December 20, 1990, as four smoke pots located near Building 3126. A letter entitled, "Nevada Test Site Cleanup Sites Presently Complete," dated May 19, 1992, states that the waste associated with CAS 26-99-03 was removed prior to May 14, 1992. The site was visited by an ITLV field crew on June 30, 1999, and photographed the site to document that the smoke pots had been removed. No soil staining or environmental impacts were observed. Specific disposition documentation was not identified for this site.

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

Brad Jackson (Industrial Sites Project Manager)

**Corrective Action Coordinator/Designee**

**(Signature)**

**Date**

**Appendix A**

**NDEP Document Review Sheets**

**Letter and Field Forms**

# NEVADA ENVIRONMENTAL RESTORATION PROJECT DOCUMENT REVIEW SHEET

CAU 36 Housekeeping  
Closure Report - Appendix A  
Revision: 0  
Date: 04/26/2000  
Page A-1 of A-6

1. Document Title/Number <u>Housekeeping Closure Report for Corrective Action Unit 36, Areas 8, 10, 16, and 26 Housekeeping Waste Sites, Nevada Test Site</u>			2. Document Date <u>April 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 Wong/NDEP/702-486-2866</u>			9. Reviewer's Signature _____	

10. Comment Number/ Location	11. Type <sup>a</sup>	12. Comment	13. Comment Response	14. Accept
1		<u>Comment 1, Page 3:</u> When the site was identified in July 1993, were the contents of the buckets determined/analyzed? Is there any documentation pertaining to the material?	It was documented during an ITLV field visit conducted on July 7, 1993, that there were three buckets present. It is unknown if there was material remaining in the buckets. If there was an adequate amount of material remaining in the buckets Reynolds Electrical & Engineering Co. would have analyzed the material to determine proper disposition according to standard procedure. No documentation has been identified that addresses the possible waste of concern.	Yes
2		<u>General comment:</u> The before and after photographs are either unclear or, in some cases, prior photographs are not presented. As such, it was difficult to evaluate the status of various CASs. NDEP will review records and documentation (such as memos, letters) pertaining to the closure of these sites and also visit the CASs in the field to verify their location and cleanup status, prior to giving approval on the final report.	The sites that do not have before photographs were newly identified sites documented by an ITLV field crew in 1993. No photographs were taken at that time but a site marker was placed at the site for future site verification. The field forms for these sites are being included as attachments to the report in addition to a letter addressing the removal of batteries throughout the NTS.	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.



## Reynolds Electrical & Engineering Co., Inc.

*08-24-10*

### MEMORANDUM

To All Code 24 NTS Cleanup Inventory Files  
From J. A. Nusbaum *JAN*  
Date January 24, 1992  
Subject COLLECTION AND DISPOSAL OF BATTERIES  
FOUND AT NTS CLEANUP INVENTORY SITES

The batteries removed from this site were NOT located within any designated radiation or potential radiation areas.

All batteries are surveyed for radiation and swiped by Health Protection Department (HPD) Monitors. Once the HPD field technician releases the batteries for transport, the Waste Management Department (WMD) removes the batteries to a fenced yard at CN-C11 located in Area 3.

All lead acid batteries are placed on pallets and shipped offsite for reclamation of the lead at an approved lead smelter operation in California. Sheldon Battery of Las Vegas transports the batteries from Area 3 to the smelter operation.

All dry cell batteries, which can contain mercury, lithium, cadmium, or lead acid, were shipped to an approved hazardous waste facility for disposal.

All broken and deteriorated batteries were placed in drums prior to transporting them to CN-C11. Documentation photographs were obtained for all sites as they were completed. The information was included in the weekly reports which were submitted to U.S. Department of Energy/Environmental Restoration and Waste Management/Defense Waste Branch (DOE/ERWM/DWB).

JAN:156:dlf

cy: Central Files  
R. L. Dodge  
A. M. Heidema  
E. W. Kendall

7/19/93

### NEWLY IDENTIFIED SITES

DATE: 7/7/93

NEW ID NUMBER: 8-22-10  
~~8-22-33~~

FIELD CREW: C. Mendoza, K. Mitchell, J. Nisseth

MATERIAL FOUND: 3 buckets

ASSOCIATED ER SITE: \_\_\_\_\_

WAS THIS SITE VERIFIED ON "BIGFILE" AS BEING A NEW SITE?

YES ☐ NO ☒

DRIVING INSTRUCTIONS / LOCATION: \_\_\_\_\_

Mercury Hwy N. to A-07 Rd East (Rt) to  
stop sign (Facing north) left (north) on dirt rd.  
through chain gate 0.2 miles. Site is on  
Right (East) side of road

HOW WAS SITE FOUND?

While roaming desert

OTHER INFORMATION?

1 marker placed

SIGNATURE:

K. Mitchell

DATE: 7/7/93

PAGE: 1 OF 1

NEWLY IDENTIFIED SITES

DATE: 7-14-93

NEW ID NUMBER: 8-24-<sup>MV</sup>~~25~~10

FIELD CREW: Carlos Mendoza, A. Johnson, M. Johnson (SJ)

MATERIAL FOUND: 2 batteries intact, right next to new site  
8-26- (lead bar) Both marked with stakes and flagging.

ASSOCIATED ER SITE: None

WAS THIS SITE VERIFIED ON "BIGFILE" AS BEING A NEW SITE? ☒ YES ☐ NO

DRIVING INSTRUCTIONS / LOCATION: Mercury Hwy N to Rainier Mesa Rd N  
to ~~2-07 Rd~~ ~~At least~~ Circle Road North to 2-07 Rd. West 0.15 mi to  
dirt Rd. North 0.5 mi. across flat graded area. Site is East of road  
120 ft. One site marker placed.

HOW WAS SITE FOUND? \_\_\_\_\_

OTHER INFORMATION? North of U2gd ~~on border~~ which borders areas  
sites 2 and 8

SIGNATURE: Carlos Mendoza

DATE: 7/14/93

PAGE: 1 OF 1

For GPS data  
GPS 7/20/93

ENTERED BY  
ML 7/27/93

NEWLY IDENTIFIED SITES

CAU 36 Housekeeping  
Closure Report - Appendix A  
Revision: 0  
Date: 04/26/2000  
Page A-5 of A-6

DATE: 6/30/93 NEW ID NUMBER: 18-24-12

FIELD CREW: Mitchell / Johnson / Wilson

MATERIAL FOUND: Battery

ASSOCIATED ER SITE: 18-22-07

WAS THIS SITE VERIFIED ON "BIGFILE" AS BEING A NEW SITE? YES NO

DRIVING INSTRUCTIONS / LOCATION:

Mercury Hwy. north to Pahute Mesa Rd. west (left)  
to Camp 17 just <sup>across street</sup> past RSM-39 in abandoned  
gas station, on workbench

HOW WAS SITE FOUND? Spotted while verifying other sites  
in Camp 17, (Area 18)

OTHER INFORMATION? Blue Flag marker placed at site

SIGNATURE: K Mitchell DATE: 6/30/93

PAGE: 1 OF 1

**Site Evaluation Form**  
ER Sites Inventory Field Form 1CAU 36 Housekeeping  
Closure Report - Appendix A  
Revision: 0  
Date: 04/26/2000  
Page A-6 of A-6

ER Site ID No.: 18-24-13 ER Site Name: Dry cell batteries  
Facility: NTS Site Type: (Circle One)  
Associated Structure: electrical storage shack Storage Facility / Disposal Facility / Treatment Facility / Laboratory / Tunnel Portal  
Evaluation Date: 9/14/93 Tailings Pile / Pond / Sewage Pond / Leachfield / Drillhole / Crater / Above Ground /  
Field Personnel: M. Lill Underground / Open Field / Side of Road / Fenced / Ground-Soil / Concrete /  
M. Wilson Asphalt / Spill / Gas Station / Airstrip / Subdock / Septic Tank / Other electrical storage shack compound

Driving Instructions: From Mercury, north on Mercury Hwy. Left (northwest) on Tippah Hwy. Left (west) on Pahute Mesa Rd. Go past intersection with Stockade Wash Rd for 1.3 miles to Pahute C.P. (17 camp). Turn left on 18-B Rd. just past Red Safe Marker 18P39 at the abandoned service station. Keep left and proceed up road to generator shack. electrical storage shack is approx 100 feet north of generator shack.

Access Restrictions: Unmaintained Road (U) / Yellow Rope or Wire (Y) / Crater (C) / Potential Crater (P) / Q Clearance required (Q) /  
NA Escort required (E) / Confined space (B) / 4-Wheel Drive Vehicle (4) / Fence (F) /  
Security barricade (S) / Other

Health & Safety Restrictions: NA Radiation area (R) / Contamination area (C) / Mixed Waste (X) / Snakes - Spiders - Vermin (V) /  
Broken Glass or debris (G) / Fire Hazard - Explosive (E) / Water Hazard (W) /  
Slip - Trip - Fall (F) / Hazardous Waste (H) / Microbiological (M) / Other:

Was a Radiation Survey performed?

Yes - Fill out Radiation Survey Results Form

No

Site Found:

Yes No

Site Accessible:

Yes No

a) Waste already removed:

Yes No

If any waste remains, fill out Source Characterization Form

Explain basis for determination:

b) Improper directions: NA

Yes - Recheck site

c) Waste obscured due to: NA

Erosion / Deposition / Burial

Explain: NAd) Site restriction: NA

Circle new Access or Health &amp; Safety Restrictions above

Sign/Barricade/Fence reads:

NA

Is this a new site:

Yes No

Number of markers placed:

oneLocation: at entranceto fenced area next to site.

Site Status:

Active (A) / Inactive (I) / Abandoned (B) / Unknown (U) / Other (O)

Current Site Description:

at least 10 packs of 15 dry cell batteriesThe packs are extremely weathered and the battery terminals are corroded. The batteries are in a pile of refuse at the entrance to the fenced compound for the electrical storage shack.

Draw a sketch of the area on the back of this form. Show location of site markers and their associated

numbers. If you need to fill out a Source Characterization Form, number the sources and include the locations in your site sketch. Attach additional pages as needed. If site is clean, stop after completing this form.

Signature

Matthew M. Wilson

Date

9/14/93

Page

1 of 2



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